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# LPCB Red Book



# 2

## Part: 4 Security protection products

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## Introduction

BRE Global Ltd, based in the UK near London, is an independent third party organisation offering certification of fire, security and sustainability products and services to an international market. LPCB is the certification brand used for fire and security products and services. The LPCB mark is accepted worldwide. We have representative offices in China, India and Dubai. We are owned by the BRE Trust, a not-for-profit organisation.

LPCB listings can be accessed, free of charge, at [www.redbooklive.com](http://www.redbooklive.com) or via apps from Apple, Google and Windows.

BRE Global Ltd is also a Notified Certification Body and Notified Test Laboratory for:-

- Construction Products Regulation
- Pressure Equipment Directive
- Marine Equipment Directive
- Transport Pressure Equipment Directive

BRE Global additionally carries out:

- Fire Investigation
- Fire Risk Assessment
- Fire Safety Engineering
- Research
- Training

## LPCB Listings

Listings are given in sections which list related groups of products and services such as suppression, security and so on. Each section also summarises the technical basis for the certification of each product or service. The Red Book listings should always be used in conjunction with rules, regulations and design specifications required by the relevant Authority having jurisdiction.

Listings comprise:

Volume 1:

- Fire detection and alarm products, systems, and cables
- Manual fire extinguishing equipment
- Automatic sprinkler, water spray and deluge systems
- Fixed fire fighting products and systems
- Watermist systems
- Related installers

**Volume 2: (This Volume)**

- **Passive fire protection products**
- **Security protection products**
- **Fire doors and shutters**
- **Smoke and fire ventilation systems**
- **Security Assessments - SABRE**
- **Related installers**
- **Management Systems**
- **Construction products**

Listings are given in the name of the manufacturer or service provider, in alphabetical order. They can be downloaded free of charge from our website at [www.redbooklive.com](http://www.redbooklive.com) and also via an App that is available free from Apple iStore (for iPhone and iPad), from Google Play, (for Android phones and tablets) and Windows Store (for Windows 8 phones).

## Updates

Certification of products and services are updated regularly. To ensure that you are using the most up to date information please refer to <<<<<www.redbooklive.com>>>>> or download the App.



## What is Third Party Certification?

A frequent concern of stakeholders is in knowing whether a product will perform in accordance with the stated specifications. These concerns can involve such product attributes as safety, health or environmental impacts, durability, compatibility, suitability for intended purposes or for stated conditions, and other similar considerations. These issues can all be addressed through product certification.

Third party certification is a conformity assessment process, carried out by a body that is independent of both supplier and customer organisations. It provides confirmation that products and services have met and will continue to meet the requirements of specified standards and other normative documents.

LPCB third party product certification schemes are quality assurance schemes and comprise initial type testing and technical evaluation, assessment and surveillance of the manufacturer's quality system and factory production procedures, regular audit testing, labelling and listing.

Similarly, LPCB schemes for suppliers of services (installers) are also quality assurance schemes comprising a technical assessment of an installer's capability, assessment and surveillance of the installer's quality system and production procedures, regular inspection of completed installations and listing.

## Benefits of Third Party Certification

For specifiers, regulators, insurers, manufacturers and installers, the benefits of an LPCB approval are:

### For specifiers and regulators:

- Risk reduction - specifying LPCB approved products and services demonstrates due-diligence and best endeavour and mitigates against possible accusations of negligence.
- Avoidance of costly mistakes - you can trust LPCB approved products and services to conform each and every time.
- Time - using Red Book Live to search for and assess products and services can save you time.

### For manufacturers and installers:

- Increased global sales - LPCB approval is recognised and specified widely throughout the world. In some territories LPCB approval is a mandatory requirement.
- Added value of the product or service - LPCB approved products and services are recognised as providing added value given their ability to conform each and every time.
- Reduced liability - LPCB approved products and services demonstrate due-diligence which can reduce liability for both you and your customers.

## What does LPCB Certification offer?

LPCB certification is carried out against Loss Prevention Standards (LPS's). These LPS's include reference to BS, EN or ISO standards as appropriate. LPCB certification are level 5 schemes as detailed in ISO/ IEC 17067 with the added requirement to have a quality system certificated to ISO 9001.

## VOLUME 2 LIST OF APPROVED PRODUCTS AND SERVICES

The technical requirements of LPCB schemes are given in the Loss Prevention Standards (LPSs). These documents are drafted by LPCB technical experts in conjunction with appropriate external experts. They are then peer reviewed by representatives from trade bodies, regulators, insurers, specifiers, manufacturers and other suppliers. Finally these documents are approved for use by the BRE Global Governing Body; the Body that oversees all of the certification activities of BRE Global.

### **Product schemes comprise:**

- Initial type testing and evaluation of product.
- Approval and surveillance of the manufacturer's (or supplier's) quality management system to ISO 9001
- Assessment and surveillance of the manufacturer's (or supplier) factory production control system (FPC).
- Periodic audit testing of the product from either the factory or marketplace.
- Labelling or marking as appropriate.
- Listing on Red Book Live

### **Installer schemes comprise:**

- Technical assessment of the installation contractor's capability.
- Approval and surveillance of the contractor's quality management system to ISO 9001 or assessment against the requirements of the relevant Loss Prevention Standard where ISO 9001 is not appropriate.
- Regular surveillance inspections of on-going installations.
- The issue of Certificates of Conformity by the installer to demonstrate compliance for each installation.
- Listing in the Red Book.

### **The LPCB Mark - the Mark you can trust**

After certification of a product or service the manufacturer or service provider may place the LPCB certification mark, as shown below, on the product, packaging and literature etc.



Where LPCB holds accreditation through the United Kingdom Accreditation Service (UKAS), the certified company may include the UKAS symbol (the Crown and Tick) alongside the LPCB mark for certain applications e.g. promotional literature or material and stationery, as shown below.



(Full details of LPCB accreditation can be found on the UKAS website at [www.ukas.com](http://www.ukas.com))

Where for reasons of space or cost the use of the above full mark is not practical, then the following simplified mark may be applied directly to the product (for some schemes only). The LPCB scheme rules define how and where the marks can be used.



The products listed in Volume 2: Part 5 - Construction Products, are approved under our BRE Global Certification brand - the certification mark for this brand is:-



|  |          |
|--|----------|
| <b>4 Security protection products</b>                                      | <b>1</b> |
| SECTION 1.1 Intrusion and hold-up alarm system components                  | 3        |
| SECTION 1.2 Alarm transmission equipment and systems                       | 4        |
| SECTION 1.2.1 Supervised premises transceivers (Security) LPS 1277         | 5        |
| SECTION 2 Safes, strongrooms and secure safe cabinets                      | 7        |
| SECTION 2.1 Safes  | 9        |
| SECTION 2.2 Secure safe cabinets   | 15       |
| SECTION 2.3 Deposit safes  | 17       |
| SECTION 2.4 Strongrooms  | 18       |
| SECTION 3 Secure enclosures  | 19       |
| SECTION 4 Key safes  | 39       |
| SECTION 5 Physical security protection of buildings and other facilities   | 42       |
| SECTION 5.1 Security doorsets  | 44       |
| SECTION 5.2 Security windows   | 97       |
| SECTION 5.3 Rooflights   | 101      |
| SECTION 5.4 Garage doors   | 104      |
| SECTION 5.5 Security grilles, blinds and barsets                           | 106      |
| SECTION 5.6 Security shutters  | 116      |
| SECTION 5.7 Perforated security screens                                    | 123      |
| SECTION 5.8 Louvre vents   | 124      |
| SECTION 5.9 Secure walling systems   | 128      |
| SECTION 5.10 Secure roofing systems  | 138      |
| SECTION 5.11 Security glazing  | 139      |
| SECTION 5.12 Entrance systems  | 142      |
| SECTION 6 Access covers and hatches  | 151      |
| SECTION 7 Perimeter security products                                      | 162      |
| SECTION 7.1 Security fencing   | 163      |
| SECTION 7.2 Security gates   | 174      |
| SECTION 7.3 Turnstiles   | 184      |
| SECTION 8 Vehicle security barriers  | 185      |
| SECTION 9 Cycle racks and stands   | 186      |
| SECTION 10 Gas cylinder security devices                                   | 187      |
| SECTION 11 Physical security devices for computers and other ICT equipment | 189      |
| SECTION 12 Anti-bandit ATM security devices                                | 190      |
| SECTION 13 Database management for asset marking                           | 191      |
| SECTION 14 Asset marking systems   | 192      |
| SECTION 15 'Theft resistant' electronic products                           | 195      |
| SECTION 16 Padlocks and padlock fittings                                   | 197      |

|  |             |          |  |         |               |
|--|-------------|----------|--|---------|---------------|
| <b>A</b>   |             |          |  |         |               |
| Abbey Group International Limited t/a Abbey Protect                                      |             | 106      | Hugslock Systems Limited   |         | 154           |
| AccentHansen   |             | 44       | <b>I</b>   |         |               |
| Alluser Industrie Srl  |             | 142      | Icopal S. A.   |         | 138           |
| Aluroll Limited  | 104,        | 116      | Insafe International Limited incorporating Loksafe Limited   |         | 12, 15        |
| Armourpost Limited   |             | 117      | ISEO Serrature s.p.a   |         | 198           |
| Arrow Industrial Ltd   |             | 117      | Isoclad Limited  |         | 22, 130       |
| Ascot Doors Limited  | 46,         | 118      | <b>J</b>   |         |               |
| Asgard Secure Steel Storage (a trading division of Flexiform Business Furniture Limited) |             | 19       | JLM Composites Limited   |         | 23            |
| Assa Abloy Limited T/A Abloy UK  |             | 197      | <b>K</b>   |         |               |
| Assa Abloy Limited T/A Assa Abloy Opening Solutions UK & Ireland Door Group              |             | 46       | Kaba Limited t/a dormakaba   |         | 199           |
| Automatic Systems  |             | 149      | Kingsley Plastics Limited  |         | 23, 63        |
| <b>B</b>   |             |          | Kingspan Limited   |         | 24, 131       |
| Barkers Engineering Limited  | 163,        | 174      | <b>L</b>   |         |               |
| Bastion Security Products Limited  | 20, 49,     | 124, 128 | Liddle Doors Limited   | 24,     | 108, 188      |
| BenweldSecure Limited  | 21,         | 49, 106  | Lincoln Security Limited   |         | 64            |
| Betafence Limited  |             | 163      | Lion Steelworks SDN. BHD.  |         | 13            |
| Bolton Gate Co. Limited  |             | 50       | Lochrin Bain Limited   |         | 170, 178      |
| Bradbury Security  | 50,         | 107      | <b>M</b>   |         |               |
| BT PLC   |             | 5        | Metador, the trading name of partnership between Seamer UK Limited (company no. 08260888), RHE Trading Limited (company no 08272209), T&HM (company no 09712730) |         | 65            |
| Burton Safes Limited   | 21, 39, 54, | 108, 128 | Morgan Marine Limited  |         | 26            |
| <b>C</b>   |             |          | <b>N</b>   |         |               |
| CA Group Limited   |             | 129, 138 | NK Fencing Limited   |         | 171           |
| CGT Security Limited   |             | 118      | Northstone NI Limited T/A CUBIS Industries   |         | 154           |
| Charter Global Limited   | 55,         | 119      | NPS GRP Limited  |         | 26            |
| CLD Fencing Systems  |             | 164, 174 | <b>P</b>   |         |               |
| CRH Fencing & Security Group (UK) t/a HERAS  |             | 166, 175 | Pacom Systems Pty Ltd  |         | 3             |
| Crittall Fendor Limited  |             | 56, 97   | Premier Security Solutions Limited   | 66,     | 131, 179      |
| <b>D</b>   |             |          | Prestige Fire Door Services Limited  |         | 71            |
| Datag ID Limited   |             | 191      | Pro-TECT GRP Enclosures Limited  |         | 27, 71        |
| Design & Supply Limited  |             | 57       | PSF Wales Limited  | 28, 72, | 109, 125, 155 |
| DoorTechnik  |             | 58       | <b>Q</b>   |         |               |
| Dudley Safes Limited   | 9,          | 15       | Quinshield Limited   |         | 31            |
| Duplus Architectural Systems Limited   |             | 101      | <b>R</b>   |         |               |
| <b>E</b>   |             |          | R & D Sheetmetal Limited   | 31,     | 75, 98, 132   |
| EJ Ardennes  |             | 151      | RCS Manufacturing Limited  |         | 32, 133       |
| ESG Group Limited  |             | 140      | Rhino Systems Limited  |         | 76            |
| Etex Building Performance Limited  |             | 130      | Robust UK Limited  |         | 78            |
| <b>F</b>   |             |          | Rollershutters Components & Springs Limited t/a RCS Doors  |         | 122           |
| F R Shadbolt & Sons Limited  |             | 59       | <b>S</b>   |         |               |
| Fortress Protec Limited  | 59,         | 120      | Safe Partnership   |         | 79            |
| Frontier Pitts Ltd   | 175,        | 184      | Saint-Gobain PAM UK  |         | 156           |
| <b>G</b>   |             |          | Security Solutions (Northern) Limited  |         | 184           |
| Gilgen Door Systems UK Limited   |             | 60       | Selectaglaze Limited   |         | 99            |
| Glazing Vision Limited   |             | 102      | Selectamark Security Systems Plc   | 191,    | 192           |
| Godrej & Boyce Mfg. Co. Ltd  | 10,         | 15       | Sentrilock LLC   |         | 39            |
| <b>H</b>   |             |          | Simbars (UK) Limited   |         | 110           |
| H S Jackson & Son (Fencing) Limited, t/a Jacksons Fencing                                |             | 167, 176 | SMP Security Solutions Limited   | 13,     | 16            |
| Hamilton Erskine Limited   |             | 140      | Southern Grille & Gate Limited   |         | 111           |
| Hampton Conservatories Limited   |             | 97       | Stafford Bridge Doors Limited  | 79,     | 100, 125      |
| Harlech Industrial Doors Limited   |             | 121      | Steelway Fensecure Limited   | 33,     | 80, 111, 133  |
| Hart Door Systems  |             | 121      | Steelway Fensecure Limited t/a Steelway Brickhouse   |         | 156           |
| Henry Squire & Sons Limited  |             | 198      | Sunray Engineering Limited   | 81,     | 112, 126, 135 |
| Hodgson Sayers Limited   |             | 62       | Surelock McGill Limited  |         | 126           |

## **INDEX**

|  |                                 |  |             |
|--|---------------------------------|--|-------------|
| SWS UK   | 104, 112, 122                   | Trimetals Limited                                | 37          |
| <b>T</b>   |                                 | Tyrone Fabrication Limited                       | 37          |
| Technocover Limited (incorporating TechnoRail<br>and Strataform) | 33, 86, 113, 127, 135, 158, 188 | <b>U</b>   |             |
| Teckentrup GmbH & Co. KG   | 88                              | Urban Front                                      | 94          |
| The Expanded Metal Company Limited                               | 113, 136,<br>171, 180           | UTC Fire & Security B.V Electronic Key Solutions | 40          |
| The Parkside Group Limited                                       | 93                              | UTC Fire & Security B.V.                         | 40          |
| The Rooflight Company  | 103                             | <b>W</b>   |             |
| Tortero & Re S.p.A.  | 94                              | Warrior Doors Limited                            | 38, 94, 136 |
| Trellicor (Pty) Limited  | 114                             | <b>Z</b>   |             |
|  |                                 | Zaun Limited                                     | 172, 180    |



*Part*

*4*

*SECURITY PROTECTION  
PRODUCTS*

## **PART 4: SECURITY PROTECTION PRODUCTS**

### **INTRODUCTION**

The effects of crime on a commercial business can be devastating. Some businesses never recover from the consequential losses; the interruption to business continuity, the theft of capital, stock or intellectual property and even the loss of the entire business premises due to arson. Figures released by the Home Office in 2013 based on the 2012 Commercial Victimization Survey<sup>1</sup> show there were 340 burglaries or attempted burglaries per 1000 commercial premises in urban areas of the UK (206 in rural areas). Forced entry through doors to facilitate the theft of goods and stock being the most commonly reported incidents.

Installing security measures that provide early detection of an intrusion attempt and effective physical security that provides a suitable delay to intrusion greatly increases the likelihood that intruders can be apprehended at the scene. This not only reduces the likelihood of such crimes being successful, it acts as an effective deterrent, greatly reducing the chance of being targeted by intruders in the first instance.

Using security products approved by LPCB to protect people, property and assets is an effective way of mitigating many of the risks associated with crime and increasingly, the threat of terrorism. LPCB works closely with police, government, insurers, end users, security equipment specifiers and manufacturers to develop methods by which the quality of product performance and product reliability can be assessed effectively.

The products listed in this section have been rigorously tested and assessed by LPCB experts to a range of standards. Their on-going conformity is assured through rigorous surveillance programmes involving periodic auditing of production and regular inspection of the products themselves during production.

Details of the standards to which the products are approved are given at the front of each subsection relevant to the product type.

The range of products listed is extensive and includes physical barrier type products, asset marking, computer protection equipment as well as electronic detection and surveillance equipment.

The scope of each product's approval is described in the relevant section and on the certificates issued to the approved manufacturer. It is important to ensure only products covered by the scope detailed on the LPCB certificate are selected. This is because products outside that scope may not provide an equivalent level of security.

<sup>1</sup> Home Office publication - *Crime against businesses: Detailed findings from the 2012 Commercial Victimization Survey. June 2013*

This section lists components of intrusion and hold-up alarm systems where compliance with the applicable part of the EN 50131 series of product standards has been confirmed by LPCB experts and most importantly on going assessment confirms the component continues to comply with the requirements.

Loss Prevention Standards LPS 1602 (movement detectors) and LPS1603 (control and indicating equipment) have been withdrawn and are superseded by European Standards EN 50131-2-2, EN 50131-2-3, EN 50131-2-4 and EN 50131-2-5 for movement detectors and EN 50131-3 and EN 50131-6 for control and indicating equipment and power supply equipment.

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Certificate No: 1378a to EN 50131-3: 2009, EN 50131-6: 2008 + A1: 2014, EN 50131-6: 2017, EN 50131-10: 2014 and EN 50136-2: 2013

**Alarm Systems - Intrusion and Hold-Up Systems**

| Product Name                                | LPCB Ref. No. |
|---|---------------|
| Pacom 8003 Control and Indicating Equipment | 1378a/01      |

A copy of the certificate, confirming the full scope of the product certification, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 1.2**

### **ALARM TRANSMISSION EQUIPMENT AND SYSTEMS**

This section lists alarm transmission equipment suitable for use with intrusion and hold-up alarm systems. Alarm transmission and fault warning routing equipment suitable for use with fire alarm systems is listed in 'Fire Detection and Alarm Systems; Supervised Premises Transceivers (fire)'.

Where alarm transmission equipment is suitable for use with both intrusion and hold-up systems and fire alarm systems, the entry will appear in 'Intruder and Hold-up Alarm System Components' and 'Fire Detection and Alarm Systems; Supervised Premises Transceivers (fire)'.

The following standard is currently used for the certification scheme:

- LPS 1277 Issue 4, *Requirements for LPCB Certification and Red Book Listing of Supervised Premises Transceivers: Intrusion and Hold-up Alarm Systems.*

Where appropriate within LPS 1277, reference has been made to published standards for intrusion and hold-up systems including EN 50131-1 together with the alarm transmission system and product standards EN 50136-1: 2012 and EN 20136-2: 2013.

Particular emphasis is placed on the verification of manufacturers' claims, by measuring alarm transmission times over the transmission path(s) between the equipment under test and the corresponding receiving centre. The response to the reporting of fault conditions is measured in a similar way.

The results of these measurements are expressed in terms of alarm transmission system performance criteria, DP 1-4 and SP 1-6 using the parameters D, M, T and where applicable S and I.

Where:

D = Transmission time classification  
M = Transmission time maximum values  
T = Fault reporting time classification  
S = Substitution Security  
I = Information Security

Availability is considered a key parameter under LPCB certification and is therefore included within the requirements of LPS 1277. The resultant performance is expressed using the parameter 'A' for Availability.

The measured parameters are used to determine the performance classification (DP 1-4 and SP 1-6), that when used in conjunction with warning devices provide notification according to the security grade of the intrusion and hold-up alarm system (I&HAS) as defined in EN 50131-1.

Products compliant with LPS 1277 Issue 4 meet 'enhanced' performance classifications which includes an additional 10 minute fault reporting time, timed 'stepped up' fault reporting after the loss of the primary path and the reporting of a catastrophic failure, in event of the simultaneous loss of multiple transmission paths.

To assist specifiers in their selection of the products most appropriate for protecting their risks, the LPCB enhanced performance ratings are included with the product listing entry in the Redbook as an indicator of the level of performance that can be expected from the alarm transmission system.

Compliance with relevant safety standards and applicable mandatory EU directives is a pre-requisite of LPCB certification and listing. Regular product audits factory inspections are carried out by LPCB to ensure high manufacturing standards and continued compliance with the applicable product standard.

#### **Note**

Since LPCB certifies products against national and international standards, in some instances the requirements of these standards may conflict with the recommendations of local codes of practice. We recommend that specifiers seek advice from the relevant local authorities and amend their specifications accordingly.

The equipment listed in this section has been assessed against the requirements and test methods of LPS 1277 *Requirements for LPCB Approval and listing of Alarm Transmission Systems and Equipment*, Issue 3.

It is essential that the supervised premises transceivers listed in this section are used in accordance with the appropriate installation instructions and the guidance provided in Annex C of LPS 1277 Issue 3 *Requirements for LPCB Approval and listing of Alarm Transmission Systems and Equipment*.

Specifiers are advised to check the issue of LPS 1277 against which the supervised premises transceiver is approved. The current publication of LPS 1277 is Issue 4.

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**Certificate No: 1270a to LPS 1277: Issue 3**

### Supervised Premises Transceivers

#### Certificated Products

|   |  |                           |
|---|--|---------------------------|
| BT Redcare 5G GSM SPT item code 076195 with Redcare GSM Roaming service | A dual path, PSTN (primary) and GSM (secondary) supervised premises transceiver capable of fulfilling:-<br>LPCB enhanced performance rating ATS 5 with the following EN 50131-1 notification requirements: grade 1 options ABC, grade 2 options ABCD, grade 3 options ABCD, grade 4 options ABC. | LPCB Ref. No.<br>1270a/01 |
| BT Redcare 5G STU SPT item code 049926 with Redcare Classic service     | A single path PSTN supervised premises transceiver capable of fulfilling:-<br>LPCB enhanced performance rating ATS 5 with the following EN 50131-1 notification requirements: grade 1 options ABC, grade 2 options ABD, grade 3 options ABD, grade 4 options AB.                                 | 1270a/02                  |

A copy of the certificate, confirming the full scope of the product certification, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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**Certificate No: 1270c to LPS 1277: Issue 3**

### Supervised Premises Transceivers

#### Certificated Products

|  |   |                           |
|--|---|---------------------------|
| BT Redcare Secure Mk3 with Redcare Secure IP service | A dual path, IP (primary) and GPRS (secondary) supervised premises transceiver capable of fulfilling:-<br>LPCB enhanced performance rating ATS 5 with the following EN 50131-1 notification requirements: grade 1 options ABC, grade 2 options ABCD, grade 3 options ABCD, grade 4 options ABC. | LPCB Ref. No.<br>1270c/01 |
| BT Redcare Secure Mk3 with Redcare Secure 3 service  | A dual path, GPRS (primary) and PSTN (secondary) supervised premises transceiver capable of fulfilling:-<br>LPCB enhanced performance rating ATS 4 with the following EN 50131-1 notification requirements: grade 1 options ABC, grade 2 options ABCD, grade 3 options ABC.                     | 1270c/02                  |
| BT Redcare Secure Mk3 with Redcare Secure Solo       | A single path GPRS supervised premises transceiver capable of fulfilling:-<br>LPCB enhanced performance rating ATS 3 with the following EN 50131-1 notification   | 1270c/03                  |

## **PART 4: SECTION 1.2.1**

### **SUPERVISED PREMISES TRANSCEIVERS (SECURITY) LPS 1277**

#### **Certificated Products**

**LPCB Ref.  
No.**

service requirements: grade 1 options ABC, grade 2 options ABD.

A copy of the certificate, confirming the full scope of the product certification, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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**Certificate No: 1270e to LPS 1277: Issue 3**

#### **Supervised Premises Transceivers**

##### **Certificated Products**

**LPCB Ref.  
No.**

|   |   |          |
|---|---|----------|
| BT Redcare Secure Mk3<br>3G with Redcare Secure IP<br>service   | A dual path, IP (primary) and 3G (secondary) supervised premises transceiver capable of fulfilling:-<br>LPCB enhanced performance rating ATS 5 with the following EN 50131-1 notification requirements: grade 1 options ABC, grade 2 options ABCD, grade 3 options ABCD, grade 4 options ABC. | 1270e/01 |
| BT Redcare Secure Mk3<br>3G with Redcare Secure 3<br>service    | A dual path, 3G (primary) and PSTN (secondary) supervised premises transceiver capable of fulfilling:-<br>LPCB enhanced performance rating ATS 4 with the following ENnotification requirements: grade 1 options ABC, grade 2 options ABCD, grade 3 options ABC.                              | 1270e/02 |
| BT Redcare Secure Mk3<br>3G with Redcare Secure<br>Solo service | A single path 3G supervised premises transceiver capable of fulfilling:-<br>LPCB enhanced performance rating ATS 3 with the following ENnotification requirements: grade 1 options ABC, grade 2 options ABD.  | 1270e/03 |

A copy of the certificate, confirming the full scope of the product certification, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

This section lists safes, strongrooms and secure safe cabinets that have been designed for the secure storage of cash and valuables, but which may also be used to secure other high risk assets, including secure information.

The safes, strongrooms and security cabinets listed are graded according to their resistance to manual intervention attack tests. These are undertaken by experienced laboratory test engineers using tools carefully selected to achieve access to the contents of the safe using the minimum time and resistance units possible.

Domestic safes and those typically fitted in hotel bedrooms should generally be graded in accordance with EN 14450 *Secure storage units - Requirements, classification and methods of test for resistance to burglary - Secure safe cabinets*.

Commercial safes and strongrooms are either graded in accordance with LPS 1183 Requirements and testing procedures for the LPCB approval and listing of *safe storage units - Part 1: Safes and strongrooms* or EN 1143-1 *Secure storage units - Requirements, classification and methods of test for resistance to burglary - Part 1: Safes, strongroom doors and strongrooms*.

Deposit safes are graded in accordance with EN 1143-2 *Secure storage units - Requirements, classification and methods of test for resistance to burglary - Part 2: Deposit systems*.

Specifiers should also consider ensuring safes used for cash recycling (either automated or manual) are approved to:

- EN 1143-1 to ensure any automated cash issuing devices do not undermine the safes resistance to forced entry attacks.
- EN 1143-2 to ensure the safe itself and depository systems resist forced entry and fishing/trapping attacks respectively.

### Cash and Jewellery Ratings

Table 1 indicates typical cash and jewellery ratings attributed to safes and strongrooms according to their approved resistance grade. These ratings should only be used as a guide since each insurer defines their own ratings depending on the performance of the safes and the situation in which the safes and strongrooms are to be used. Specifiers are strongly advised to discuss the issue of cash and jewellery ratings with their insurer prior to selecting a safe or strongroom.

**Table 1: Typical Cash and Jewellery Ratings for Safes and Strongrooms**

| Standard               | Resistance grade | Typical overnight cash rating (£k) | Typical overnight jewellery rating (£k) |
|------------------------|------------------|------------------------------------|---|
| EN 14450               | S1               | 2                                  | 20                                      |
|                        | S2               | 4                                  | 40                                      |
| LPS 1183 and EN 1143-1 | 0                | 6                                  | 60                                      |
|                        | I                | 10                                 | 100                                     |
|                        | II               | 17.5                               | 175                                     |
|                        | III              | 35                                 | 350                                     |
|                        | IV               | 60                                 | 600                                     |
|                        | V                | 100                                | 1000                                    |
|                        | VI               | 150                                | 1500                                    |
|                        | VII to XIII      | -                                  | -                                       |

### Compatible Locks

The locks that have been approved for use on each of the approved safes and strongrooms are listed in the 'compatible locks' section of each manufacturer's entry in the Red Book. Specifiers and end users are advised that the performance of the safes to the relevant standards is dependent on them being fitted with the locks listed.

## ***PART 4: SECTION 2***

### **SAFES, STRONGROOMS AND SECURE SAFE CABINETS**

#### **Installation and maintenance**

It is important to ensure that safes are installed in accordance with the manufacturer's instructions and that all exposed fixings, the substrate into which the device is fitted and the locking mechanisms are regularly checked to ensure that they are in good condition and that they have not been tampered with.



The safes listed in this section are approved by LPCB to one or more of the following standards:

- EN 1143-1 *Secure storage units. Requirements, classification and methods of test for resistance to burglary. Safes, strongroom doors and strongrooms.*
- LPS 1183 *Requirements and testing procedures for the LPCB approval and listing of safe storage units. Part 1: Safes and strongrooms*

Copies of LPS 1183 can be downloaded free of charge from [www.redbooklive.com](http://www.redbooklive.com)

### Explosion (EX) Designation

This optional designation is only applicable to safes achieving grades II and above. This designation indicates a product offers resistance to detonation of a PETN (Pentaerythritol tetranitrate) explosive charge followed by post detonation tool attacks aimed at achieving entry to the safe. Where the use of explosive charges is perceived to be a threat it is recommended products with this designation are selected.

### Core Drill (CD) Designation

This optional designation is only applicable to safes achieving grades IV and above to EN 1143-1. This designation reflects the ability of a product to pass the diamond drill test specified within EN 1143-1, which is designed to demonstrate the product's superior resistance to methods of forced entry that solely involve the use of diamond core drills.

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Website: [www.dudleysafes.com](http://www.dudleysafes.com)

Certificate No: 304a to LPS 1183: Issue 4 and BS EN 1143-1: 2005

### Free-standing Safes

| Product Name       | Size Reference | Security Grade | LPCB Ref. No. |
|--------------------|----------------|----------------|---------------|
| Europa 0           | 1 to 7         | 0              | 304a/01       |
| Europa I           | 1 to 7         | I              | 304a/02       |
| Europa II          | 1 to 7         | II             | 304a/03       |
| Europa III         | 2 to 7         | III            | 304a/04       |
| Europa II (Mk.2)   | 1 to 7         | II             | 304a/05       |
| Europa 0 (Mk.2)    | 1 to 7         | 0              | 304a/06       |
| Europa I (Mk.2)    | 1 to 7         | I              | 304a/07       |
| Europa III (Mk. 2) | 2 to 7         | III            | 304a/08       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 304c to BS EN 1143-1:2012 and LPS 1183: Issue 4

### Free-standing Safes

| Product Name | Size Reference | External Height (mm) | External Width (mm) | External Depth (mm) | Security Grade | LPCB Ref. No. |
|--------------|----------------|----------------------|---------------------|---------------------|----------------|---------------|
| Europa 0 MK3 | 0              | 400                  | 415                 | 365                 | 0              | 304c/03       |
|              | 1              | 455                  | 415                 | 423                 | 0              |               |
|              | 2              | 560                  | 415                 | 423                 | 0              |               |
|              | 2.5            | 560                  | 500                 | 510                 | 0              |               |
|              | 3              | 684                  | 519                 | 550                 | 0              |               |
|              | 4              | 840                  | 608                 | 550                 | 0              |               |
|              | 5              | 989                  | 608                 | 657                 | 0              |               |
|              | 6              | 1370                 | 608                 | 657                 | 0              |               |
| Europa 1 MK3 | 0              | 400                  | 415                 | 365                 | I              | 304c/04       |

## PART 4: SECTION 2.1

### SAFES

| Product Name | Size Reference | External Height (mm) | External Width (mm) | External Depth (mm) | Security Grade | LPCB Ref. No. |
|--------------|----------------|----------------------|---------------------|---------------------|----------------|---------------|
|              | 1              | 455                  | 415                 | 423                 | I              |               |
|              | 2              | 560                  | 415                 | 423                 | I              |               |
|              | 2.5            | 560                  | 500                 | 510                 | I              |               |
|              | 3              | 684                  | 519                 | 550                 | I              |               |
|              | 4              | 840                  | 608                 | 550                 | I              |               |
|              | 5              | 989                  | 608                 | 657                 | I              |               |
|              | 6              | 1370                 | 608                 | 657                 | I              |               |
| Europa 4     | 1              | 746                  | 657                 | 672                 | IV             | 304c/01       |
|              | 2              | 988                  | 657                 | 672                 | IV             |               |
|              | 3              | 1228                 | 657                 | 672                 | IV             |               |
|              | 4              | 1228                 | 700                 | 779                 | IV             |               |
|              | 5              | 1563                 | 700                 | 779                 | IV             |               |
|              | 6              | 1838                 | 700                 | 779                 | IV             |               |
| Europa 5     | 1              | 746                  | 657                 | 672                 | V              | 304c/02       |
|              | 2              | 988                  | 657                 | 672                 | V              |               |
|              | 3              | 1228                 | 657                 | 672                 | V              |               |
|              | 4              | 1228                 | 700                 | 779                 | V              |               |
|              | 5              | 1563                 | 700                 | 779                 | V              |               |
|              | 6              | 1838                 | 700                 | 779                 | V              |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 954b to BS EN 1143-1: 2012 and LPS 1183: Issue 4

### Free-standing Safes

| Product Name      | Size Ref: | External Height <sup>1</sup> (mm) | External Width <sup>1</sup> (mm) | External Depth <sup>1</sup> (mm) | Security Grade | LPCB Ref. No. |
|-------------------|-----------|-----------------------------------|----------------------------------|----------------------------------|----------------|---------------|
| Euro Cash Grade 0 | Z14       | 455                               | 455                              | 465                              | 0              | 954b/05       |
|                   | Z19       | 585                               | 405                              | 465                              | 0              |               |
|                   | Z23       | 685                               | 520                              | 615                              | 0              |               |
|                   | Z28       | 800                               | 550                              | 640                              | 0              |               |
|                   | Z35       | 1000                              | 610                              | 715                              | 0              |               |
|                   | Z43       | 1200                              | 610                              | 715                              | 0              |               |
|                   | Z51       | 1400                              | 610                              | 715                              | 0              |               |
|                   | Z59       | 1600                              | 610                              | 520                              | 0              |               |
|                   | Z63       | 1700                              | 770                              | 660                              | 0              |               |
| Euro Cash Grade 1 | A14       | 455                               | 455                              | 465                              | I              | 954b/06       |
|                   | A19       | 585                               | 405                              | 465                              | I              |               |
|                   | A23       | 685                               | 520                              | 615                              | I              |               |
|                   | A28       | 800                               | 550                              | 640                              | I              |               |
|                   | A35       | 1000                              | 610                              | 715                              | I              |               |
|                   | A43       | 1200                              | 610                              | 715                              | I              |               |
|                   | A51       | 1400                              | 610                              | 715                              | I              |               |
|                   | A59       | 1600                              | 610                              | 520                              | I              |               |
|                   | A63       | 1700                              | 770                              | 660                              | I              |               |
| Euro Cash Grade 2 | D14       | 485                               | 485                              | 498                              | II             | 954b/07       |
|                   | D19       | 615                               | 435                              | 498                              | II             |               |
|                   | D23       | 715                               | 550                              | 648                              | II             |               |
|                   | D28       | 830                               | 580                              | 673                              | II             |               |
|                   | D35       | 1030                              | 640                              | 748                              | II             |               |
|                   | D43       | 1230                              | 640                              | 748                              | II             |               |
|                   | D51       | 1430                              | 640                              | 748                              | II             |               |
|                   | D59       | 1630                              | 640                              | 553                              | II             |               |
|                   | D63       | 1730                              | 800                              | 693                              | II             |               |
|                   | D70       | 1900                              | 860                              | 748                              | II             |               |
|                   | D75       | 2045                              | 950                              | 913                              | II             |               |

**PART 4: SECTION 2.1**

SAFES

| Product Name         | Size Ref:            | External Height <sup>1</sup><br>(mm) | External Width <sup>1</sup><br>(mm) | External Depth <sup>1</sup><br>(mm) | Security Grade | LPCB Ref. No. |         |         |
|----------------------|----------------------|--------------------------------------|-------------------------------------|-------------------------------------|----------------|---------------|---------|---------|
| Euro Cash<br>Grade 3 | T14                  | 485                                  | 485                                 | 498                                 | III            | 954b/01       |         |         |
|                      | T19                  | 615                                  | 435                                 | 498                                 | III            |               |         |         |
|                      | T23                  | 715                                  | 550                                 | 648                                 | III            |               |         |         |
|                      | T28                  | 830                                  | 580                                 | 673                                 | III            |               |         |         |
|                      | T35                  | 1030                                 | 640                                 | 748                                 | III            |               |         |         |
|                      | T43                  | 1230                                 | 640                                 | 748                                 | III            |               |         |         |
|                      | T51                  | 1430                                 | 640                                 | 748                                 | III            |               |         |         |
|                      | T59                  | 1630                                 | 640                                 | 553                                 | III            |               |         |         |
|                      | T63                  | 1730                                 | 800                                 | 693                                 | III            |               |         |         |
|                      | T70                  | 1900                                 | 860                                 | 748                                 | III            |               |         |         |
|                      | T75                  | 2045                                 | 950                                 | 913                                 | III            |               |         |         |
|                      | Euro Cash<br>Grade 4 | F23                                  | 715                                 | 550                                 | 648            |               | IV      | 954b/02 |
|                      |                      | F28                                  | 830                                 | 580                                 | 673            |               | IV      |         |
| F35                  |                      | 1030                                 | 640                                 | 748                                 | IV             |               |         |         |
| F43                  |                      | 1230                                 | 640                                 | 748                                 | IV             |               |         |         |
| F51                  |                      | 1430                                 | 640                                 | 748                                 | IV             |               |         |         |
| F59                  |                      | 1630                                 | 640                                 | 553                                 | IV             |               |         |         |
| F63                  |                      | 1730                                 | 800                                 | 693                                 | IV             |               |         |         |
| F70                  |                      | 1900                                 | 860                                 | 748                                 | IV             |               |         |         |
| F75                  |                      | 2045                                 | 950                                 | 913                                 | IV             |               |         |         |
| Euro Cash<br>Grade 5 |                      | P23                                  | 715                                 | 550                                 | 648            | V             | 954b/03 |         |
|                      | P28                  | 830                                  | 580                                 | 673                                 | V              |               |         |         |
|                      | P35                  | 1030                                 | 640                                 | 748                                 | V              |               |         |         |
|                      | P43                  | 1230                                 | 640                                 | 748                                 | V              |               |         |         |
|                      | P51                  | 1430                                 | 640                                 | 748                                 | V              |               |         |         |
|                      | P59                  | 1630                                 | 640                                 | 553                                 | V              |               |         |         |
|                      | P63                  | 1730                                 | 800                                 | 693                                 | V              |               |         |         |
|                      | P70                  | 1900                                 | 860                                 | 748                                 | V              |               |         |         |
|                      | P75                  | 2045                                 | 950                                 | 913                                 | V              |               |         |         |
|                      | Euro Cash<br>Grade 6 | H21                                  | 735                                 | 570                                 | 665            | VI            |         | 954b/04 |
| H26                  |                      | 850                                  | 600                                 | 690                                 | VI             |               |         |         |
| H24                  |                      | 790                                  | 690                                 | 730                                 | VI             |               |         |         |
| H35                  |                      | 1090                                 | 690                                 | 730                                 | VI             |               |         |         |
| H47                  |                      | 1390                                 | 690                                 | 830                                 | VI             |               |         |         |
| H55                  |                      | 1590                                 | 690                                 | 830                                 | VI             |               |         |         |
| H60                  |                      | 1721                                 | 690                                 | 830                                 | VI             |               |         |         |
| H67                  |                      | 1890                                 | 940                                 | 830                                 | VI             |               |         |         |
| H68                  |                      | 1920                                 | 1190                                | 785                                 | VI             |               |         |         |
| H74                  |                      | 2065                                 | 970                                 | 930                                 | VI             |               |         |         |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 954c to LPS 1183: Issue 4**

**Free-standing Safe**

| Product Name         | Size Ref. | Minimum External Height (mm) | Maximum External Height (mm) | Minimum External Width (mm) | Maximum External Width (mm) | Minimum External Depth (mm) | Maximum External Depth (mm) | Security Grade | LPCB Ref. No. |
|----------------------|-----------|------------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------|---------------|
| Euro Cash<br>Grade 5 | P62       | 1703                         | 1706                         | 688                         | 691                         | 748                         | 751                         | V              | 954c/01       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 2.1**

SAFES

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Certificate No: 1106a to BS EN 1143-1:2012

#### **Free-standing Safes**

| <b>Product Name</b> | <b>Size Reference</b> | <b>External Height<sup>1</sup><br/>(mm)</b> | <b>External Width<sup>1</sup><br/>(mm)</b> | <b>External Depth<sup>1</sup><br/>(mm)</b> | <b>Security Grade</b> | <b>LPCB Ref. No.</b> |     |          |
|---------------------|-----------------------|---|--|--|-----------------------|----------------------|-----|----------|
| GBG0                | 0                     | 455   | 405  | 370  | 0                     | 1106a/01             |     |          |
|                     | 1                     | 455   | 455  | 457  | 0                     |                      |     |          |
|                     | 2                     | 585   | 405  | 457  | 0                     |                      |     |          |
|                     | 3                     | 685   | 520  | 607  | 0                     |                      |     |          |
|                     | 4                     | 800   | 550  | 632  | 0                     |                      |     |          |
| EuroCash<br>Grade 0 | 5                     | 1000  | 610  | 707  | 0                     | 1106a/04             |     |          |
|                     | Z14                   | 455   | 455  | 465  | 0                     |                      |     |          |
|                     | Z19                   | 585   | 405  | 465  | 0                     |                      |     |          |
|                     | Z23                   | 685   | 520  | 615  | 0                     |                      |     |          |
|                     | Z28                   | 800   | 550  | 640  | 0                     |                      |     |          |
|                     | Z35                   | 1000  | 610  | 715  | 0                     |                      |     |          |
|                     | Z43                   | 1200  | 610  | 715  | 0                     |                      |     |          |
|                     | Z51                   | 1400  | 610  | 715  | 0                     |                      |     |          |
|                     | Z59                   | 1600  | 610  | 520  | 0                     |                      |     |          |
|                     | Z63                   | 1700  | 770  | 660  | 0                     |                      |     |          |
| GBG1                | 0                     | 455   | 405  | 370  | I                     | 1106a/02             |     |          |
|                     | 1                     | 455   | 455  | 457  | I                     |                      |     |          |
|                     | 2                     | 585   | 405  | 457  | I                     |                      |     |          |
|                     | 3                     | 685   | 520  | 607  | I                     |                      |     |          |
|                     | 4                     | 800   | 550  | 632  | I                     |                      |     |          |
| EuroCash<br>Grade 1 | 5                     | 1000  | 610  | 707  | I                     | 1106a/05             |     |          |
|                     | A14                   | 455   | 455  | 465  | I                     |                      |     |          |
|                     | A19                   | 585   | 405  | 465  | I                     |                      |     |          |
|                     | A23                   | 685   | 520  | 615  | I                     |                      |     |          |
|                     | A28                   | 800   | 550  | 640  | I                     |                      |     |          |
|                     | A35                   | 1000  | 610  | 715  | I                     |                      |     |          |
|                     | A43                   | 1200  | 610  | 715  | I                     |                      |     |          |
|                     | A51                   | 1400  | 610  | 715  | I                     |                      |     |          |
|                     | A59                   | 1600  | 610  | 520  | I                     |                      |     |          |
|                     | A63                   | 1700  | 770  | 660  | I                     |                      |     |          |
| GBG2                | 1                     | 485   | 485  | 498  | II                    | 1106a/03             |     |          |
|                     | 2                     | 615   | 435  | 498  | II                    |                      |     |          |
|                     | 3                     | 811   | 537  | 651  | II                    |                      |     |          |
|                     | 4                     | 830   | 580  | 673  | II                    |                      |     |          |
|                     | 5                     | 1030  | 640  | 748  | II                    |                      |     |          |
|                     | 6                     | 1213  | 629  | 495  | II                    |                      |     |          |
|                     | 7                     | 1569  | 629  | 495  | II                    |                      |     |          |
| EuroCash<br>Grade 2 | D14                   | 485   | 485  | 498  | II                    | 1106a/06             |     |          |
|                     | D19                   | 615   | 435  | 498  | II                    |                      |     |          |
|                     | D23                   | 715   | 550  | 648  | II                    |                      |     |          |
|                     | D28                   | 830   | 580  | 673  | II                    |                      |     |          |
|                     | D35                   | 1030  | 640  | 748  | II                    |                      |     |          |
|                     | D43                   | 1230  | 640  | 748  | II                    |                      |     |          |
|                     | D51                   | 1430  | 640  | 748  | II                    |                      |     |          |
|                     | D59                   | 1630  | 640  | 553  | II                    |                      |     |          |
|                     | D63                   | 1730  | 800  | 693  | II                    |                      |     |          |
|                     | D70                   | 1900  | 860  | 748  | II                    |                      |     |          |
|                     | D75                   | 2045  | 950  | 913  | II                    |                      |     |          |
|                     | EuroCash<br>Grade 3   | T14   | 485  | 485  | 498                   |                      | III | 1106a/07 |
|                     |                       | T19   | 615  | 435  | 498                   |                      | III |          |
|                     |                       | T23   | 715  | 550  | 648                   |                      | III |          |
|                     |                       | T28   | 830  | 580  | 673                   |                      | III |          |
| T35                 |                       | 1030  | 640  | 748  | III                   |                      |     |          |
| T43                 |                       | 1230  | 640  | 748  | III                   |                      |     |          |

| Product Name        | Size Reference | External Height <sup>1</sup><br>(mm) | External Width <sup>1</sup><br>(mm) | External Depth <sup>1</sup><br>(mm) | Security Grade | LPCB Ref. No. |
|---------------------|----------------|--------------------------------------|-------------------------------------|-------------------------------------|----------------|---------------|
| EuroCash<br>Grade 4 | T51            | 1430                                 | 640                                 | 748                                 | III            | 1106a/08      |
|                     | T59            | 1630                                 | 640                                 | 553                                 | III            |               |
|                     | T63            | 1730                                 | 800                                 | 693                                 | III            |               |
|                     | T70            | 1900                                 | 860                                 | 748                                 | III            |               |
|                     | T75            | 2045                                 | 950                                 | 913                                 | III            |               |
|                     | F23            | 715                                  | 550                                 | 648                                 | IV             |               |
|                     | F28            | 830                                  | 580                                 | 673                                 | IV             |               |
|                     | F35            | 1030                                 | 640                                 | 748                                 | IV             |               |
|                     | F43            | 1230                                 | 640                                 | 748                                 | IV             |               |
|                     | F51            | 1430                                 | 640                                 | 748                                 | IV             |               |
| EuroCash<br>Grade 5 | F59            | 1630                                 | 640                                 | 553                                 | IV             | 1106a/09      |
|                     | F63            | 1730                                 | 800                                 | 693                                 | IV             |               |
|                     | F70            | 1900                                 | 860                                 | 748                                 | IV             |               |
|                     | F75            | 2045                                 | 950                                 | 913                                 | IV             |               |
|                     | P23            | 715                                  | 550                                 | 648                                 | V              |               |
|                     | P28            | 830                                  | 580                                 | 673                                 | V              |               |
|                     | P35            | 1030                                 | 640                                 | 748                                 | V              |               |
|                     | P43            | 1230                                 | 640                                 | 748                                 | V              |               |
|                     | P51            | 1430                                 | 640                                 | 748                                 | V              |               |
|                     | P59            | 1630                                 | 640                                 | 553                                 | V              |               |
| EuroCash<br>Grade 6 | P63            | 1730                                 | 800                                 | 693                                 | V              | 1106a/10      |
|                     | P70            | 1900                                 | 860                                 | 748                                 | V              |               |
|                     | P75            | 2045                                 | 950                                 | 913                                 | V              |               |
|                     | H21            | 735                                  | 570                                 | 665                                 | VI             |               |
|                     | H26            | 850                                  | 600                                 | 690                                 | VI             |               |
|                     | H24            | 790                                  | 690                                 | 730                                 | VI             |               |
|                     | H35            | 1090                                 | 690                                 | 730                                 | VI             |               |
|                     | H47            | 1390                                 | 690                                 | 830                                 | VI             |               |
|                     | H55            | 1590                                 | 690                                 | 830                                 | VI             |               |
|                     | H60            | 1721                                 | 690                                 | 830                                 | VI             |               |
| H67                 | 1890           | 940                                  | 830                                 | VI                                  |                |               |
| H68                 | 1920           | 1190                                 | 785                                 | VI                                  |                |               |
| H74                 | 2065           | 970                                  | 930                                 | VI                                  |                |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 639a to LPS 1183: Issue 4

### Free-standing Safes

| Product Name | Size Reference | Security Grade | LPCB Ref. No. |
|--------------|----------------|----------------|---------------|
| N-Series     | N1, N2 and N3  | III            | 639a/01       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 115a to LPS 1183: Issue 3

# PART 4: SECTION 2.1

## SAFES

### Free-standing Safes

| Product Name              | Size References <sup>1,2</sup> | Security Grade | Fire Resistance to BS 476: Part 20: 1987 | LPCB Ref. No. |     |    |         |
|---------------------------|--------------------------------|----------------|--|---------------|-----|----|---------|
| Community                 | 1414 (39) ED (58)              | I              | 60                                       | 115a/01       |     |    |         |
|                           | 1814 (50) ED (74)              |                |  |               |     |    |         |
|                           | 2316 (103) ED (138)            |                |  |               |     |    |         |
|                           | 2916 (130) ED (174)            |                |  |               |     |    |         |
|                           | 3520 (230) ED (297)            |                |  |               |     |    |         |
|                           | 5020 (328) ED (424)            |                |  |               |     |    |         |
|                           | 6020 (393) ED (509)            |                |  |               |     |    |         |
|                           | Mini-Vault (702) ED (910)      |                |  |               |     |    |         |
|                           | 1814 (50) ED (74)              |                |  |               |     |    |         |
|                           | 2316 (103) ED (138)            |                |  |               |     |    |         |
| Mini-Vault (702) ED (910) | 2916 (130) ED (174)            | II             | 60                                       | 115a/02       |     |    |         |
|                           | 3520 (230) ED (297)            |                |  |               |     |    |         |
|                           | 5020 (328) ED (424)            |                |  |               |     |    |         |
|                           | 6020 (393) ED (509)            |                |  |               |     |    |         |
|                           | Mini-vault (702) ED (910)      |                |  |               |     |    |         |
|                           | 1814 (50) ED (74)              |                |  |               | III | 60 | 115a/03 |
|                           | 2316 (103) ED (138)            |                |  |               |     |    |         |
|                           | 2916 (130) ED (174)            |                |  |               |     |    |         |
|                           | 3520 (230) ED (297)            |                |  |               |     |    |         |
|                           | 5020 (328) ED (424)            |                |  |               |     |    |         |
| 6020 (393) ED (509)       |                                |                |  |               |     |    |         |
| Mini-vault (702) ED (910) |                                |                |  |               |     |    |         |
| 60 50 40 (120) ED (165)   | IV                             | -              | 115a/04                                  |               |     |    |         |
| 90 50 40 (180) ED (247)   |                                |                |  |               |     |    |         |
| 90 40 47.5 (171)          |                                |                |  |               |     |    |         |
| 92 42 48.5 (187.4)        |                                |                |  |               |     |    |         |
| 120 50 40 (240) ED (330)  |                                |                |  |               |     |    |         |
| 120 40 47.5 (228)         |                                |                |  |               |     |    |         |
| 122 42 48.5 (248.5)       |                                |                |  |               |     |    |         |
| 150 50 40 (300) ED (412)  |                                |                |  |               |     |    |         |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 115b to LPS 1183: Issue 4

### Free-standing Safes

| Product Name | Size References <sup>1,2</sup> | Security Grade | Fire Resistance to BS 476:Part 20: 1987 | LPCB Ref. No. |   |   |         |
|--------------|--------------------------------|----------------|---|---------------|---|---|---------|
| Community    | 1414 (39) ED (58)              | 0              | 60                                      | 115b/10       |   |   |         |
|              | 1814 (50) ED (74)              |                |   |               |   |   |         |
|              | 2316 (103) ED (138)            |                |   |               |   |   |         |
|              | 2916 (130) ED (174)            |                |   |               |   |   |         |
|              | 3520 (230) ED (297)            |                |   |               |   |   |         |
|              | 5020 (328) ED (424)            |                |   |               |   |   |         |
|              | 60 50 40 (120) ED (165)        |                |   |               | V | - | 115b/05 |
|              | 90 50 40 (180) ED (247)        |                |   |               |   |   |         |
|              | 120 50 40 (240) ED (330)       |                |   |               |   |   |         |
|              | 150 50 40 (300) ED (412)       |                |   |               |   |   |         |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

The secure safe cabinets listed in this section are approved by LPCB to EN 14450 *Secure storage units - Requirements, classification and methods of test for resistance to burglary - Secure safe cabinets.*

**Dudley Safes Limited**

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Tel: +44 (0)1384 239991 • Fax: +44 (0)1384 455129  
Website: [www.dudleysafes.com](http://www.dudleysafes.com)

Certificate No: 304b to BS EN 14450: 2005

**Secure Safe Cabinets**

| Product Name           | Size Reference                        | Security Level | LPCB Ref. No. |
|------------------------|---------------------------------------|----------------|---------------|
| Harlech Lite (Level 1) | Home Safe, 00, 0, 1, 2, 3, 4, 5 and 6 | S1             | 304b/01       |
| Harlech Lite (Level 2) | Home Safe, 00, 0, 1, 2, 3, 4, 5 and 6 | S2             | 304b/02       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Godrej & Boyce Mfg. Co. Ltd**

Godrej Security Solutions, Plant 17, Pirojshanagar, Vikhroli (East), Mumbai 400079, India  
Tel: +91 22 679 64797 • Fax: +91 22 679 61509  
E-mail: [securityexports@godrej.com](mailto:securityexports@godrej.com) or [secure@godrej.com](mailto:secure@godrej.com) • Website: [www.godrejsecure.com](http://www.godrejsecure.com)

Certificate No: 954a to BS EN 14450: 2005

**Secure Safe Cabinets**

| Product Name | Model  | External Width (mm) | External Height (mm) | External Depth (mm) | Weight (kg) | Security Level | LPCB Ref. No. |
|--------------|--------|---------------------|----------------------|---------------------|-------------|----------------|---------------|
| Euro-Lite    | FS10   | 325                 | 275                  | 325                 | 26          | S2             | 954a/01       |
|              | FS10-D | 325                 | 275                  | 425                 | 29          | S2             |               |
|              | FS40   | 450                 | 330                  | 380                 | 40          | S2             |               |
|              | FS40-D | 450                 | 330                  | 500                 | 44          | S2             |               |
|              | FS45   | 490                 | 470                  | 410                 | 56          | S2             |               |
|              | FS45-D | 490                 | 470                  | 510                 | 61          | S2             |               |
|              | FS50   | 360                 | 430                  | 400                 | 41          | S2             |               |
|              | FS50-D | 360                 | 430                  | 500                 | 45          | S2             |               |
|              | FS65   | 490                 | 660                  | 410                 | 73          | S2             |               |
|              | FS65-D | 490                 | 660                  | 510                 | 80          | S2             |               |
|              | FS85   | 490                 | 860                  | 410                 | 91          | S2             |               |
|              | FS85-D | 490                 | 860                  | 510                 | 99          | S2             |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Insafe International Limited incorporating Loksafes Limited**

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Tel: +44 (0)1892 557080 • Fax: +44 (0)1732 456547  
E-mail: [sales@insafe.co.uk](mailto:sales@insafe.co.uk) • Website: [www.insafe.co.uk](http://www.insafe.co.uk)

Certificate No: 1106b to BS EN 14450:2005

**Secure Safe Cabinets**

| Product Name | Model | External Height (mm) | External Width (mm) | External Depth (mm) | Approx. Weight (kg) | Security Level | LPCB Ref. No. |
|--------------|-------|----------------------|---------------------|---------------------|---------------------|----------------|---------------|
| EuroLite S2  | FS10  | 275                  | 325                 | 325                 | 26                  | S2             | 1106b/01      |

## **PART 4: SECTION 2.2**

### **SECURE SAFE CABINETS**

| <b>Product Name</b> | <b>Model</b> | <b>External Height (mm)</b> | <b>External Width (mm)</b> | <b>External Depth (mm)</b> | <b>Approx. Weight (kg)</b> | <b>Security Level</b> | <b>LPCB Ref. No.</b> |
|---------------------|--------------|-----------------------------|----------------------------|----------------------------|----------------------------|-----------------------|----------------------|
|                     | FS10-D       | 275                         | 325                        | 425                        | 29                         | S2                    |                      |
|                     | FS40         | 330                         | 450                        | 380                        | 40                         | S2                    |                      |
|                     | FS40-D       | 330                         | 450                        | 500                        | 44                         | S2                    |                      |
|                     | FS45         | 470                         | 490                        | 410                        | 56                         | S2                    |                      |
|                     | FS45-D       | 470                         | 490                        | 510                        | 61                         | S2                    |                      |
|                     | FS50         | 430                         | 360                        | 400                        | 41                         | S2                    |                      |
|                     | FS50-D       | 430                         | 360                        | 500                        | 45                         | S2                    |                      |
|                     | FS65         | 660                         | 490                        | 410                        | 73                         | S2                    |                      |
|                     | FS65-D       | 660                         | 490                        | 510                        | 80                         | S2                    |                      |
|                     | FS85         | 860                         | 490                        | 410                        | 91                         | S2                    |                      |
|                     | FS85-D       | 860                         | 490                        | 510                        | 99                         | S2                    |                      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### **SMP Security Solutions Limited**

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Certificate No: 115c to BS EN 14450: 2005

### **Secure Safe Cabinet**

| <b>Product Name</b> | <b>Model</b> | <b>External Width (mm)</b> | <b>External Height (mm)</b> | <b>External Depth (mm)</b> | <b>Approx. Weight (kg)</b> | <b>Security Level</b> | <b>LPCB Ref. No.</b> |
|---------------------|--------------|----------------------------|-----------------------------|----------------------------|----------------------------|-----------------------|----------------------|
| Concept 3           | 1            | 434                        | 382                         | 394                        | 50                         | S2                    | 115c/02              |
|                     | 2            | 534                        | 430                         | 394                        | 62                         | S2                    |                      |
|                     | 3            | 489                        | 489                         | 494                        | 74                         | S2                    |                      |
|                     | 4            | 664                        | 489                         | 494                        | 92                         | S2                    |                      |
|                     | 5            | 814                        | 489                         | 494                        | 110                        | S2                    |                      |
|                     | 6            | 1008                       | 608                         | 694                        | 171                        | S2                    |                      |
|                     | 7            | 1370                       | 608                         | 694                        | 221                        | S2                    |                      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)



Safes that incorporate a deposit facility are covered by EN 1143-2 *Secure Storage Units - Requirements, classification and methods of test for resistance to burglary - Part 2: Deposit systems*. This describes tests over and above those specified in EN 1143-1 *Secure Storage Units - Requirements, classification and methods of test for resistance to burglary - Part 1: Safes, ATM safes, strongroom doors and strongrooms*, and includes 'forcing', 'fishing', 'trapping' and 'deposit retrieval'.

Deposit safes take a number of forms and these affect the classification attributed to them.

Deposit safes are normally located within a building and are primarily designed to enable employees to deposit money or other items without having to open the main door of the safe. Deposit safes receive a classification of "D-#" where # is the grade of resistance achieved during testing.

Deposit safes range from standard deposit safes with manual operation through to the distributed deposit systems employed by supermarkets.

Night safes, on the other hand, are often accessible from the street and are primarily used by financial institutions for providing a secure depositing system for their customers. Night safes receive a classification of "N-#" where # is the grade of resistance achieved during testing.

## **PART 4: SECTION 2.4**

### **STRONGROOMS**

Strongrooms listed in this section are approved by LPCB to one or more of the following standards:

- EN 1143-1 *Secure storage units - Requirements, classification and methods of test for resistance to burglary - Part 1: Safes, ATM safes, strongroom doors and strongrooms.*
- LPS 1183 *Requirements and testing procedures for the LPCB approval and listing of safe storage units - Part 1: Safes and strongrooms.*

Copies of LPS 1183 can be downloaded free of charge from our website [www.redbooklive.com](http://www.redbooklive.com).

Strongrooms take two forms:

- Cast in-situ. The strongroom structure is cast on site where there is insufficient access to manoeuvre prefabricated panels into place.
- Pre-fabricated. The strongroom is formed on site from pre-fabricated panels, designed to bolt together securely to form the desired configuration.

Strongrooms are not only designed to secure larger volumes of cash and jewellery but are increasingly used to store items such as artwork and antiquities, pharmaceuticals, military equipment and highly sensitive documentation. Strongrooms are also increasingly being used to protect large scale IT server hubs due to the high value of the server equipment and business continuity risks associated with the potential loss of such equipment or data.

It is important to ensure that all exposed fixings, jointing plates, the substrate into which the device is fitted and the locking mechanisms are regularly checked to ensure that they are in good condition and that they have not been tampered with.

It is also important to ensure only those design options listed, such as special cable access or ventilation panels, are incorporated within the strongroom construction as the use of alternative options may undermine the level of security provided by the strongroom.

#### **Explosion (EX) Designation**

This optional designation is only applicable to strongrooms achieving grades II and above.

This optional designation indicates a product offers resistance to detonation of a PETN (Pentaerythritol tetranitrate) explosive charge followed by post detonation tool attacks aimed at achieving entry to the strongroom. Where the use of explosive charges is perceived to be a threat it is recommended products with this designation are selected.

#### **Core Drill (CD) Designation**

This optional designation is only applicable to strongrooms and strongroom doors achieving grades VIII and above to EN 1143-1. This designation reflects the ability of a product to pass the diamond drill test specified within EN 1143-1 which is designed to demonstrate the product's superior resistance to methods of forced entry that solely involve the use of diamond core drills.

Security enclosures that have been assessed to LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers* are listed in this section.

Each security rating is appropriate to the level of risk to forced entry or removal, and covers everything from the secure storage of tools in the domestic environment, to protection of remote equipment on railway and telecommunications infrastructures. Some examples of applications include: secure site tool and plant storage units, portable office buildings and shipping containers.

The use of appropriately rated and installed physical security enclosures will protect the contents of the enclosure from the unwanted attentions of the opportunist or professional intruder.

LPS 1175 confirms the resistance to forced entry provided by security enclosures. While LPS 1175 Issues 6 and 7 specified eight levels of resistance (security ratings), the latest version of LPS 1175 (Issue 8) defines a performance classification formed of the following two elements:

- Threat level (first element) - Letter (A to H) corresponding with the tool kit used to evaluate the product's intruder resistance and the number of attackers involved.
- Delay (second element) - Numeric value (1, 3, 5, 10, 15 or 20) corresponding with the minimum delay (in minutes) provided by the product when placed in a locked condition.

Unless otherwise stated, an enclosure's resistance to forced entry is rated according to its ability to resist the creation of an aperture through which it is possible to pass a 400 mm by 225 mm elliptical test block. This is considered to be a size through which most intruders could pass. In some cases alternative failure criteria are used as the basis for the security rating attributed to the enclosure. Where used, the alternative failure criterion is designed to suit the enclosure's intended application, and is noted in the relevant product entry.

Further information about the security rating system can be found in LPS 1175, copies of which can be downloaded for free from [www.redbooklive.com](http://www.redbooklive.com).

It is important to ensure that enclosures are installed in accordance with the manufacturer's instructions. All exposed fixings, the substrate onto which the enclosure is fitted, and the locking mechanisms should also be regularly checked to ensure that they are in good condition and that they have not been tampered with.

It is recommended that cash and jewellery should preferably be stored in safe storage units or strongrooms certificated by LPCB. Those looking to prevent unauthorised removal of computer equipment should consider using LPCB certificated physical protection devices.

## **Asgard Secure Steel Storage (a trading division of Flexiform Business Furniture Limited)**

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Certificate No: 596a to LPS 1175: Issue 5

### **Security Enclosures**

| Product Name               | Nominal Enclosure Height (m) | Nominal Enclosure Width (m) | Nominal Enclosure Depth (m) | Security Rating | LPCB Ref. No. |
|----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------|---------------|
| Asgard Classic Secure Unit | 1.9                          | 1.9                         | 0.8                         | 1               | 596a/01       |
| Asgard Compact Secure Unit | 1.9                          | 1.1                         | 0.8                         | 1               | 596a/02       |
| Asgard Universal           | 0.7                          | 0.6                         | 0.5                         | 1               | 596a/03       |
| Asgard Annexe              | 1.5                          | 1.8                         | 0.9                         | 1               | 596a/04       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 596b to LPS 1175: Issue 7

## PART 4: SECTION 3

### SECURE ENCLOSURES

#### Security Enclosures

| Product Name            | Type   | Height <sup>1</sup><br>(m) | Width<br>(m) | Depth<br>(m) | Compatible Active<br>Leaf Locking<br>Systems <sup>2</sup> | Security<br>Rating | LPCB<br>Ref. No. |
|-------------------------|--|----------------------------|--------------|--------------|---|--------------------|------------------|
| Centurion               | Six-sided non-vented enclosure incorporating a double leaf doorset in the front face | 2.032                      | 1.58         | 2.24         | 1   | 1                  | 596b/01          |
| Centurion Plus 1        | Six-sided non-vented enclosure incorporating a double leaf doorset in the front face | 2.032                      | 1.58         | 3.33         | 1   | 1                  | 596b/02          |
| Gladiator               | Six-sided non-vented enclosure incorporating a double leaf doorset in the front face | 2.07                       | 2.2          | 2.184        | 1   | 1                  | 596b/05          |
| Gladiator Plus 1        | Six-sided non-vented enclosure incorporating a double leaf doorset in the front face | 2.07                       | 2.2          | 2.684        | 1   | 1                  | 596b/06          |
| Gladiator Motorcycle    | Six-sided vented enclosure incorporating a double leaf doorset in the front face     | 2.07                       | 2.2          | 3.276        | 1   | 1                  | 596b/07          |
| Motorcycle Plus         | Six-sided vented enclosure incorporating a double leaf doorset in the front face     | 2.07                       | 2.2          | 3.276        | 1   | 1                  | 596b/08          |
| Motorcycle Plus 1       | Six-sided vented enclosure incorporating a double leaf doorset in the front face     | 2.07                       | 2.2          | 4.368        | 1   | 1                  | 596b/09          |
| Motorcycle Storage      | Six-sided vented enclosure incorporating a double leaf doorset in the front face     | 2.032                      | 1.58         | 2.74         | 1   | 1                  | 596b/03          |
| Motorcycle Storage Plus | Six-sided vented enclosure incorporating a double leaf doorset in the front face     | 2.032                      | 1.58         | 3.33         | 1   | 1                  | 596b/04          |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Bastion Security Products Limited

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E-mail: [moreinfo@bastionprotects.com](mailto:moreinfo@bastionprotects.com) • Website: [www.bastionprotects.com](http://www.bastionprotects.com)

Certificate No: 1046a to LPS 1175: Issue 7

#### Expandable Security Enclosure

| Product Name      | Type   | Height<br>(m) | Width<br>(m) | Length When<br>Enclosure Is Fully<br>Expanded (m) | Length When<br>Enclosure Is<br>Contracted (m) | Security<br>Rating | LPCB<br>Ref. No. |
|-------------------|--|---------------|--------------|---|---|--------------------|------------------|
| Bastion Enclosure | Expanding security enclosure <sup>1</sup> with integral entrance doorset | 2.469         | 1.700        | 2.655   | 1.700   | 5 <sup>2</sup>     | 1046a/01         |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 1046d to LPS 1175: Issue 7

#### Modular Security Enclosure System

| Product Name  | Type   | Minimum<br>Height <sup>1</sup><br>(m) | Maximum<br>Height <sup>1</sup><br>(m) | Minimum<br>Width <sup>1</sup><br>(m) | Maximum<br>Width <sup>1</sup><br>(m) | Minimum<br>Depth <sup>1</sup><br>(m) | Maximum<br>Depth <sup>1</sup><br>(m) | Security<br>Rating | LPCB<br>Ref. No. |
|---------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------|------------------|
| Bastion Wall4 | Enclosure formed from four sides and a ceiling | 1.171                                 | 3.0                                   | 0.66 <sup>2</sup>                    | Unlimited                            | 0.66 <sup>2</sup>                    | Unlimited                            | 4                  | 1046d/01         |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1165a to LPS 1175: Issue 7

**Security Cabinet**

| Product Name | Type   | Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating <sup>1</sup> | LPCB Ref. No. |
|--------------|--|------------|-------------------|-------------------|-------------------|-------------------|------------------------------|---------------|
| Malvern      | Security cabinet incorporating a single leaf doorset in the front face | 1.25       | 0.6               | 1.2               | 0.4               | 1.2               | 4                            | 1165a/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1000b to LPS 1175: Issue 6

**Modular Security Enclosures**

| Product Name | Type                                    | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|--------------|---|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| Talos        | Enclosure with horizontally laid panels | 2.5                | Unlimited          | 2.5               | Unlimited         | 2.5               | Unlimited         | 2               | 1000b/01      |
|              | Enclosure with vertically laid panels   | 2.5                | 5.5                | 0.25              | Unlimited         | 0.25              | Unlimited         | 2               |               |
|              | Enclosure with horizontally laid panels | 2.5                | Unlimited          | 2.5               | Unlimited         | 2.5               | Unlimited         | 3               | 1000b/02      |
|              | Enclosure with vertically laid panels   | 2.5                | 5.5                | 0.25              | Unlimited         | 0.25              | Unlimited         | 3               |               |
|              | Enclosure with horizontally laid panels | 2.5                | Unlimited          | 2.5               | Unlimited         | 2.5               | Unlimited         | 4               | 1000b/03      |
|              | Enclosure with vertically laid panels   | 2.5                | 5.5                | 0.25              | Unlimited         | 0.25              | Unlimited         | 4               |               |
| Talos SE     | Enclosure with vertically laid panels   | 2.2                | 2.5                | 1.112             | 1.402             | 1.142             | 1.432             | 2               | 1000b/04      |

## PART 4: SECTION 3

### SECURE ENCLOSURES

| Product Name | Type                                  | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|--------------|---------------------------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------|
|              | Enclosure with vertically laid panels | 2.2                | 2.5                | 1.112             | 1.402             | 1.142             | 1.432             | 3               | 1000b/05      |
|              | Enclosure with vertically laid panels | 2.2                | 2.5                | 1.112             | 1.402             | 1.142             | 1.432             | 4               | 1000b/06      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 1000k to LPS 1175: Issue 8

#### Modular Security Enclosure System

| Product Name | Type                        | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|--------------|-----------------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| Orthrus      | Five sided secure enclosure | 2.057              | 4.155              | 0.81              | Unlimited         | 0.5               | Unlimited         | F10 (SR6) G5    | 1000k/01      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Isoclad Limited

10 Alder Road, West Chirton North Industrial Estate, North Shields, Tyne & Wear NE29 8SD, United Kingdom  
Tel: +44 (0)191 258 5052 • Fax: +44 (0)191 259 5742  
E-mail: [sales@isoclad.co.uk](mailto:sales@isoclad.co.uk) • Website: [www.isoclad.co.uk](http://www.isoclad.co.uk)

Certificate No: 142c to LPS 1175: Issue 6

#### Modular Security Enclosures

| Product Name | Product Type                            | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|--------------|---|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| Securiclad   | Enclosure with horizontally laid panels | 2.5                | Unlimited          | 2.0               | Unlimited         | 2.0               | Unlimited         | 2               | 142c/03       |
|              | Enclosure with vertically laid panels   | 2.1                | 5.5                | 0.25              | Unlimited         | 0.25              | Unlimited         | 2               |               |
|              | Enclosure with horizontally laid panels | 2.5                | Unlimited          | 2.0               | Unlimited         | 2.0               | Unlimited         | 3               | 142c/01       |
|              | Enclosure with vertically laid panels   | 2.1                | 5.5                | 0.25              | Unlimited         | 0.25              | Unlimited         | 3               |               |
|              | Enclosure with horizontally laid panels | 2.5                | Unlimited          | 2.0               | Unlimited         | 2.0               | Unlimited         | 4               | 142c/02       |
|              | Enclosure with vertically laid panels   | 2.1                | 5.5                | 0.25              | Unlimited         | 0.25              | Unlimited         | 4               |               |

**PART 4: SECTION 3****SECURE ENCLOSURES**

| Product Name  | Product Type                            | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|---------------|---|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| Securiclad SE | Enclosure with horizontally laid panels | 2.5                | Unlimited          | 2.0               | Unlimited         | 2.0               | Unlimited         | 5               | 142c/07       |
|               | Enclosure with vertically laid panels   | 2.1                | 4.0                | 0.25              | Unlimited         | 0.25              | Unlimited         | 5               |               |
|               | Enclosure with vertically laid panels   | 2.2                | 2.5                | 1.112             | 1.402             | 1.142             | 1.432             | 2               | 142c/04       |
|               | Enclosure with vertically laid panels   | 2.2                | 2.5                | 1.112             | 1.402             | 1.142             | 1.432             | 3               | 142c/05       |
|               | Enclosure with vertically laid panels   | 2.2                | 2.5                | 1.112             | 1.402             | 1.142             | 1.432             | 4               | 142c/06       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**JLM Composites Limited**

47a Gortnagola Road, Donaghmore, Dungannon, Co. Tyrone, Northern Ireland BT70 3BD, United Kingdom

Tel: +44 (0)28 8775 9773

E-mail: [sales@jlmcomposites.com](mailto:sales@jlmcomposites.com) • Website: [www.jlmcomposites.com](http://www.jlmcomposites.com)

Certificate No: 1551a to LPS 1175: Issue 7

**Security Cabinet**

| Product Name | Type  | Height (m) | Width (m) | Depth (m) | Security Rating | LPCB Ref. No. |
|--------------|---|------------|-----------|-----------|-----------------|---------------|
| Solar Kiosk  | Five-sided GRP security cabinet incorporating a single leaf doorset | 1.795      | 1.05      | 1.50      | 3               | 1551a/01      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Kingsley Plastics Limited**

Western Barn Industrial Park, Hatherleigh Road, Winkleigh, Devon EX19 8AP, United Kingdom

Tel: +44 (0)1837 83154 • Fax: +44 (0)1837 83529

E-mail: [sales@kingsleyplastics.co.uk](mailto:sales@kingsleyplastics.co.uk) • Website: [www.kingsleyplastics.co.uk](http://www.kingsleyplastics.co.uk)

Certificate No: 1115b to LPS 1175: Issue 7

**Security Enclosures**

| Product Name   | Product Type                        | Nominal Minimum Height <sup>1</sup> (m) | Nominal Maximum Height <sup>1</sup> (m) | Nominal Minimum External Width <sup>2</sup> (m) | Nominal Maximum External Width (m) | Nominal Minimum External Length <sup>2</sup> (m) | Nominal Maximum External Length (m) | Security Rating | LPCB Ref. No. |
|----------------|-------------------------------------|---|---|---|------------------------------------|--|-------------------------------------|-----------------|---------------|
| Heavy Duty SR2 | GRP security enclosure <sup>3</sup> | 1.0                                     | 5.0                                     | 0.5   | 15.0                               | 0.5  | 35.0                                | 2               | 1115b/01      |
| Heavy Duty SR3 | GRP security enclosure <sup>3</sup> | 1.0                                     | 5.0                                     | 0.5   | 15.0                               | 0.5  | 35.0                                | 3               | 1115b/02      |

## PART 4: SECTION 3

### SECURE ENCLOSURES

| Product Name   | Product Type                        | Nominal Minimum Height <sup>1</sup> (m) | Nominal Maximum Height <sup>1</sup> (m) | Nominal Minimum External Width <sup>2</sup> (m) | Nominal Maximum External Width (m) | Nominal Minimum External Length <sup>2</sup> (m) | Nominal Maximum External Length (m) | Security Rating | LPCB Ref. No. |
|----------------|-------------------------------------|---|---|---|------------------------------------|--|-------------------------------------|-----------------|---------------|
| Heavy Duty SR4 | GRP security enclosure <sup>3</sup> | 1.6                                     | 5.0                                     | 0.5   | 15.0                               | 1.25   | 35.0                                | 4               | 1115b/03      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Kingspan Limited

Sherburn, Malton, North Yorkshire YO17 8PQ, United Kingdom

Tel: +44 (0)1944 712000

E-mail: [info@kingspanpanels.com](mailto:info@kingspanpanels.com) • Website: [www.kingspanpanels.co.uk](http://www.kingspanpanels.co.uk)

### Sales Enquiries

Kingspan Limited, Greenfield Business Park No. 2, Greenfield, Holywell, Flintshire, North Wales CH8 7GJ, United Kingdom

Tel: +44 (0)1352 716100

Website: [www.Kingspanpanels.co.uk](http://www.Kingspanpanels.co.uk)

Certificate No: 279f to LPS 1175: Issue 7

### Modular Security Enclosure System

| Product Name     | Type                                    | Minimum Height (m) | Maximum Height <sup>1</sup> (m) | Minimum Width (m) | Maximum Width (m)      | Minimum Depth (m) | Maximum Depth (m)      | Security Rating | LPCB Ref. No. |
|------------------|---|--------------------|---------------------------------|-------------------|------------------------|-------------------|------------------------|-----------------|---------------|
| Kingspan Level 3 | Enclosure with horizontally laid panels | 1.5                | Unlimited <sup>2</sup>          | 0.6               | Unlimited <sup>2</sup> | 0.6               | Unlimited <sup>2</sup> | 3               | 279f/01       |
|                  | Enclosure with vertically laid panels   | 1.5                | 6.0                             | 0.6               | Unlimited <sup>2</sup> | 0.6               | Unlimited <sup>2</sup> | 3               |               |
| Kingspan Level 4 | Enclosure with horizontally laid panels | 1.5                | Unlimited <sup>2</sup>          | 0.6               | Unlimited <sup>2</sup> | 0.6               | Unlimited <sup>2</sup> | 4               | 279f/02       |
|                  | Enclosure with vertically laid panels   | 1.5                | 6.0                             | 0.6               | Unlimited <sup>2</sup> | 0.6               | Unlimited <sup>2</sup> | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Liddle Doors Limited

Wagonway Road Industrial Estate, Hebburn, Tyne and Wear NE31 1SP, United Kingdom

Tel: +44 (0)191 483 5449 • Fax: +44 (0)191 489 0698

E-mail: [liddle@liddledoors.co.uk](mailto:liddle@liddledoors.co.uk) • Website: [www.liddledoors.co.uk](http://www.liddledoors.co.uk)

Certificate No: 442e to LPS 1175: Issue 6



**Security Cabinet (Wall Mounted)**

| Product Name                 | Model                                | Nominal Cabinet Height (mm) | Nominal Cabinet Width (mm) | Nominal Cabinet Depth (mm) | Security Rating | LPCB Ref. No. |
|------------------------------|--------------------------------------|-----------------------------|----------------------------|----------------------------|-----------------|---------------|
| Liddle Series 3 Security Box | Size 1 wall mounted security cabinet | 400                         | 460                        | 240                        | 3               | 442e/02       |
|                              | Size 2 wall mounted security cabinet | 400                         | 400                        | 150                        | 3               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 442f to LPS 1175: Issue 7

**Security Cabinet (Wall Mounted)**

| Product Name                 | Model                                | Nominal Cabinet Height (mm) | Nominal Cabinet Width (mm) | Nominal Cabinet Depth (mm) | Security Rating | LPCB Ref. No. |
|------------------------------|--------------------------------------|-----------------------------|----------------------------|----------------------------|-----------------|---------------|
| Liddle Series 2 Security Box | Size 1 wall mounted security cabinet | 400                         | 460                        | 240                        | 2               | 442f/01       |
|                              | Size 2 wall mounted security cabinet | 400                         | 400                        | 150                        | 2               |               |
|                              | Size 3 wall mounted security cabinet | 1055                        | 990                        | 350                        | 2               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 442h to LPS 1175: Issue 7

**Modular Security Enclosures**

| Product Name          | Type  | Minimum Height <sup>1</sup> (m) | Maximum Height <sup>1</sup> (m) | Minimum Width <sup>2</sup> (m) | Maximum Width <sup>2</sup> (m) | Minimum Depth <sup>2</sup> (m) | Maximum Depth <sup>2</sup> (m) | Security Rating | LPCB Ref. No. |
|-----------------------|---|---------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------|---------------|
| Liddle Series 3 Kiosk | Modular enclosure with integral single or double leaf padlockable doorset | 1.05                            | 4.0                             | 0.6                            | Unlimited                      | 0.6                            | 2.8                            | 3               | 442h/01       |
| Liddle Series 4 Kiosk | Modular enclosure with integral single or double leaf padlockable doorset | 1.05                            | 4.0                             | 0.6                            | Unlimited                      | 0.6                            | 2.8                            | 4               | 442h/02       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 442i to LPS 1175: Issue 7

**Modular Security Cages**

| Product Name         | Type   | Minimum Height <sup>1</sup> (m) | Maximum Height <sup>1</sup> (m) | Minimum Width <sup>2</sup> (m) | Maximum Width <sup>2</sup> (m) | Minimum Depth <sup>2</sup> (m) | Maximum Depth <sup>2</sup> (m) | Security Rating | LPCB Ref. No. |
|----------------------|--|---------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------|---------------|
| Liddle Series 3 Cage | Modular cage with integral single or double leaf padlockable doorset | 1.05                            | 4.0                             | 0.6                            | Unlimited                      | 0.6                            | 2.8                            | 3               | 442i/01       |
| Liddle Series 4 Cage | Modular cage with integral single or double leaf padlockable doorset | 1.05                            | 4.0                             | 0.6                            | Unlimited                      | 0.6                            | 2.8                            | 4               | 442i/02       |

## PART 4: SECTION 3

### SECURE ENCLOSURES

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Morgan Marine Limited

Llandybie, Ammanford, Carmarthenshire SA18 3GY, United Kingdom

Tel: +44 (0)1269 850437 • Fax: +44 (0)1269 850656

E-mail: [sales@morgan-marine.com](mailto:sales@morgan-marine.com) • Website: [www.morgan-marine.com](http://www.morgan-marine.com)

Certificate No: 1051a to LPS 1175: Issue 7

#### Security Enclosures

| Product Name     | Product Type           | Nominal Minimum Height <sup>1</sup> (m) | Nominal Maximum Height <sup>1</sup> (m) | Nominal Minimum External Width (m) | Nominal Maximum External Width (m) | Nominal Minimum External Length (m) | Nominal Maximum External Length (m) | Security Rating | LPCB Ref. No. |
|------------------|------------------------|---|---|------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-----------------|---------------|
| Morgan Titan SR2 | GRP security enclosure | 1.0                                     | 5.0                                     | 1.0 <sup>2</sup>                   | 14.0                               | 1.0 <sup>2</sup>                    | 30.0                                | 2 <sup>3</sup>  | 1051a/01      |
| Morgan Titan SR3 | GRP security enclosure | 1.0                                     | 5.0                                     | 1.0 <sup>4</sup>                   | 14.0                               | 1.0 <sup>4</sup>                    | 30.0                                | 3 <sup>5</sup>  | 1051a/02      |
| Morgan Titan SR4 | GRP security enclosure | 1.0                                     | 5.0                                     | 1.0 <sup>6</sup>                   | 14.0                               | 1.0 <sup>6</sup>                    | 30.0                                | 4 <sup>7</sup>  | 1051a/03      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### NPS GRP Limited

Upper Castle Street, Bradford, West Yorkshire BD5 7RN, United Kingdom

Tel: +44 (0)1274 721314 • Fax: +44 (0)1274 733321

E-mail: [sales@npsgroup.co.uk](mailto:sales@npsgroup.co.uk) • Website: [www.npsgroup.co.uk](http://www.npsgroup.co.uk)

Certificate No: 1264a to LPS 1175: Issue 7

#### Security Enclosures

| Product Name | Type                              | Minimum Height <sup>1,2</sup> (m) | Maximum Height <sup>1,2</sup> (m) | Minimum Width <sup>2,3</sup> (m) | Maximum Width <sup>2,3</sup> (m) | Minimum Depth <sup>2</sup> (m) | Maximum Depth <sup>2</sup> (m) | Security Rating | LPCB Ref. No. |
|--------------|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------------|----------------------------------|--------------------------------|--------------------------------|-----------------|---------------|
| Anti Vandal  | Five-sided GRP security enclosure | 0.542                             | Unlimited                         | 0.656                            | Unlimited                        | 0.384                          | Unlimited                      | 3               | 1264a/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 1264b to LPS 1175: Issue 8

#### Security Enclosure

| Product Name | Type                              | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|--------------|-----------------------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| Anti Theft   | Five-sided GRP security enclosure | 0.5                | 4.5                | 0.5               | Unlimited         | 0.5               | Unlimited         | B3 (SR2)        | 1264b/01      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 1264c to LPS 1175: Issue 8**

**Security Enclosure**

| Product Name   | Type                              | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|----------------|-----------------------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| Anti Terrorist | Five-sided GRP security enclosure | 0.542              | Unlimited          | 0.656             | Unlimited         | 0.384             | Unlimited         | D10 (SR4)       | 1264c/01      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Pro-tect GRP Enclosures Limited**

Clarion House, Clarion Close, Swansea Enterprise Park, Swansea SA6 8QZ, United Kingdom  
 Tel: +44 (0)1554 823812 • Fax: +44 (0)1554 823812  
 E-mail: [info@protectgrp.co.uk](mailto:info@protectgrp.co.uk) • Website: [www.protectgrp.com](http://www.protectgrp.com)

**Certificate No: 1328a to LPS 1175: Issue 7**

**Modular Security Enclosures**

| Product Name | Product Type  | Minimum Height (m) <sup>1</sup> | Maximum Height (m) <sup>1</sup> | Minimum Width (m) <sup>2</sup> | Maximum Width (m) | Minimum Depth (m) <sup>2</sup> | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------|---------------------------------|--------------------------------|-------------------|--------------------------------|-------------------|-----------------|---------------|
| Defender     | Five-sided GRP security enclosure formed from four walls and a flat roof <sup>3</sup> | 0.8                             | 4                               | 0.4                            | 20                | 0.4                            | 12                | 3 <sup>4</sup>  | 1328a/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 1328c to LPS 1175: Issue 8**

**Modular Security Enclosure**

| Product Name | Type   | Minimum Height (m) <sup>1</sup> | Maximum Height (m) <sup>1</sup> | Minimum Width (m) <sup>2</sup> | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------|---------------------------------|--------------------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| Defender 4   | Five-sided GRP security enclosure formed from four walls and a flat or cambered roof | 0.8                             | 6.0                             | 0.6                            | 20                | 0.4               | 12                | D10 (SR4)       | 1328c/01      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

# PART 4: SECTION 3

## SECURE ENCLOSURES

### PSF Wales Limited

Llys Rhiannon, Cil Yr Ychen Industrial Estate, Landeilo Road, Llandybie, Ammanford, Carmarthenshire SA18 3GY, United Kingdom

Tel: +44 (0)1269 851777 • Fax: +44 (0)1269 851747

E-mail: sales@psfwales.co.uk • Website: www.psfwales.co.uk

Certificate No: 953p to LPS 1175: Issue 8

#### Security Enclosures

| Product Name   | Product Type   | Nominal Minimum External Height (m) | Nominal Maximum External Height (m) | Nominal Minimum External Width (m) | Nominal Maximum External Width (m) | Nominal Minimum External Depth (m) | Nominal Maximum External Depth (m) | Security Rating | LPCB Ref. No. |
|----------------|--|-------------------------------------|-------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-----------------|---------------|
| Hercules SAF 2 | Security enclosure with integral single or double leaf padlockable doorset | 0.8                                 | 2.8                                 | 0.63                               | 2.8                                | 0.375                              | 2.8                                | B3 (SR2)        | 953p/01       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 953f to LPS 1175: Issue 7

#### Modular Security Enclosures

| Product Name | Type   | Nominal Minimum External Height (m) | Nominal Maximum External Height <sup>1</sup> (m) | Nominal Minimum External Width <sup>2</sup> (m) | Nominal Maximum External Width | Nominal Minimum External Depth <sup>3</sup> | Nominal Maximum External Depth | Security Rating | LPCB Ref. No. |
|--------------|--|-------------------------------------|--|---|--------------------------------|---|--------------------------------|-----------------|---------------|
| Taurus SAF 3 | Modular single skin enclosure with single leaf outward opening doorset | 0.85                                | 2.9  | 0.7   | 5.0                            | 0.4   | 2.8                            | 3               | 953f/01       |
|              | Modular single skin enclosure with double leaf outward opening doorset | 0.85                                | 2.9  | 1.422   | 5.0                            | 0.4   | 2.8                            | 3               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 953h to LPS 1175: Issue 7

**PART 4: SECTION 3****SECURE ENCLOSURES****Modular Security Cages**

| Product Name  | Type   | Minimum Height <sup>1</sup> (m) | Maximum Height <sup>1</sup> (m) | Minimum Width <sup>2</sup> (m) | Maximum Width <sup>2</sup> (m) | Minimum Depth <sup>2</sup> (m) | Maximum Depth <sup>2</sup> (m) | Security Rating | LPCB Ref. No. |
|---------------|--|---------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------|---------------|
| Centaur SAF 2 | Cage formed from four sides and a ceiling with integral single or double leaf padlockable doorsets | 0.6                             | 4.0                             | 0.5                            | 40                             | 0.5                            | 20                             | 2               | 953h/01       |
| Centaur SAF 3 | Cage formed from four sides and a ceiling with integral single or double leaf padlockable doorsets | 0.6                             | 4.0                             | 0.5                            | 40                             | 0.5                            | 20                             | 3               | 953h/02       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 953j to LPS1175: Issue7

**Modular Security Enclosures**

| Product Name   | Type   | Nominal Minimum External Height <sup>1</sup> (m) | Nominal Maximum External Height <sup>1</sup> (m) | Nominal Minimum External Width (m) | Nominal Maximum External Width (m) | Nominal Minimum External Depth (m) | Nominal Maximum External Depth (m) | Security Rating | LPCB Ref. No. |
|----------------|--|--|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-----------------|---------------|
| Hercules SAF 3 | Modular enclosure with single leaf outward opening doorset | 0.8  | 3.2  | 1.73                               | 25                                 | 1.0                                | 10                                 | 3               | 953j/01       |
|                | Modular enclosure with double leaf outward opening doorset | 0.8  | 3.2  | 2.78                               | 25                                 | 1.0                                | 10                                 | 3               | 953j/02       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 953r to LPS 1175: Issue 8

**Modular Security Enclosures**

| Product Name | Type   | Nominal Minimum External Height (m) | Nominal Maximum External Height (m) | Nominal Minimum External Width (m) | Nominal Maximum External Width (m) | Nominal Minimum External Depth (m) | Nominal Maximum External Depth (m) | Security Rating | LPCB Ref. No. |
|--------------|--|-------------------------------------|-------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-----------------|---------------|
| Taurus SAF 4 | Modular single skin enclosure with single leaf outward opening doorset | 0.85                                | 2.9                                 | 0.7                                | 5.0                                | 0.4                                | 2.8                                | D10 (SR4)       | 953r/01       |

## **PART 4: SECTION 3**

### **SECURE ENCLOSURES**

| <b>Product Name</b> | <b>Type</b>  | <b>Nominal Minimum External Height (m)</b> | <b>Nominal Maximum External Height (m)</b> | <b>Nominal Minimum External Width (m)</b> | <b>Nominal Maximum External Width (m)</b> | <b>Nominal Minimum External Depth (m)</b> | <b>Nominal Maximum External Depth (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|--|--|--|---|---|---|---|------------------------|----------------------|
|                     | Modular single skin enclosure with double leaf outward opening doorset | 0.85                                       | 2.9  | 1.422                                     | 5.0                                       | 0.4                                       | 2.8                                       | D10 (SR4)              |                      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 953s to LPS 1175: Issue 8**

#### **Modular Security Cage**

| <b>Product Name</b> | <b>Type</b>  | <b>Minimum Height (m)</b> | <b>Maximum Height (m)</b> | <b>Minimum Width (m)</b> | <b>Maximum Width (m)</b> | <b>Minimum Depth (m)</b> | <b>Maximum Depth (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|--|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|----------------------|
| Centaur SAF 4       | Cage formed from four sides and a ceiling with integral single or double leaf padlockable doorsets | 0.6                       | 4.0                       | 0.5                      | 4.0                      | 0.5                      | 2.0                      | D10 (SR4)              | 953s/01              |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 953v to LPS 1175: Issue 8**

#### **Modular Security Enclosures**

| <b>Product Name</b> | <b>Type</b>  | <b>Nominal Minimum External Height (m)</b> | <b>Nominal Maximum External Height (m)</b> | <b>Nominal Minimum External Width (m)</b> | <b>Nominal Maximum External Width (m)</b> | <b>Nominal Minimum External Depth (m)</b> | <b>Nominal Maximum External Depth (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|--|--|--|---|---|---|---|------------------------|----------------------|
| Hercules SAF 4      | Modular enclosure with single leaf outward opening doorset | 0.8  | 3.2  | 1.73                                      | 2.5                                       | 1.0                                       | 1.0                                       | D10 (SR4)              | 953v/01              |
|                     | Modular enclosure with double leaf outward opening doorset | 0.8  | 3.2  | 2.78                                      | 2.5                                       | 1.0                                       | 1.0                                       | D10 (SR4)              |                      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Quinshield Limited**

Capel Hendre, Ammanford, Carmarthenshire SA18 3SJ, United Kingdom

Tel: +44 (0)1269 832220 • Fax: +44 (0)1269 832221

E-mail: sales@quinshield.com • Website: www.quinshield.com

Certificate No: 1449a to LPS 1175: Issue 7

**Security Enclosures**

| Product Name                    | Type  | Minimum Height (m) <sup>1</sup> | Maximum Height (m) <sup>1</sup> | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|---------------------------------|---|---------------------------------|---------------------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| Quinshield 'SR2' Security Kiosk | Five-sided GRP security enclosure formed from four walls and a roof | 1.25                            | 4.0                             | 1.25              | Unlimited         | 0.4               | 14                | 2               | 1449a/01      |
| Quinshield 'SR3' Security Kiosk | Five-sided GRP security enclosure formed from four walls and a roof | 1.25                            | 4.0                             | 1.25              | Unlimited         | 0.4               | 14                | 3               | 1449a/02      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**R & D Sheetmetal Limited**

2A Colliers Way, Clayton West, Huddersfield, West Yorkshire HD8 9TR, United Kingdom

Tel: +44 (0)1484 864886 • Fax: +44 (0)1484 866505

E-mail: sales@randdsheetmetal.co.uk • Website: www.randdsheetmetal.co.uk

Certificate No: 1034a to LPS 1175: Issue 7

**Modular Security Enclosures**

| Product Name     | Product Type                                   | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|------------------|--|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| Security Evo III | Enclosure formed from four sides and a ceiling | 1.9                | 2.7                | 1.1               | Unlimited         | 0.8               | Unlimited         | 3               | 1034a/04      |
| Security Evo IV  | Enclosure formed from four sides and a ceiling | 1.9                | 2.7                | 1.1               | Unlimited         | 0.8               | Unlimited         | 4               | 1034a/01      |
| Security Evo V   | Enclosure formed from four sides and a ceiling | 1.9                | 2.7                | 1.1               | Unlimited         | 0.8               | Unlimited         | 5               | 1034a/02      |
| Security Evo VI  | Enclosure formed from four sides and a ceiling | 1.9                | 2.7                | 1.1               | Unlimited         | 0.8               | Unlimited         | 6               | 1034a/03      |

## PART 4: SECTION 3

### SECURE ENCLOSURES

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 1034e to LPS 1175: Issue 7

#### Telescopic Security Enclosure

| Product Name     | Type   | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Length When Enclosure is Fully Expanded (m) | Length When Enclosure is Fully Contracted (m) | Security Rating | LPCB Ref. No. |
|------------------|--|--------------------|--------------------|-------------------|-------------------|---|---|-----------------|---------------|
| Armour Glide III | Telescopic security enclosure with integral entrance doorset | 2.1                | 2.3                | 1.2               | 1.74              | 2.26  | 1.25  | 3               | 1034e/01      |
| Armour Glide IV  | Telescopic security enclosure with integral entrance doorset | 2.1                | 2.3                | 1.2               | 1.74              | 2.26  | 1.25  | 4               | 1034e/02      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### RCS Manufacturing Limited

Unit 2, Weston Works, Tyseley, Birmingham, West Midlands B11 3RP, United Kingdom

Tel: +44 (0)121 706 0222 • Fax: +44 (0)121 765 4585

E-mail: [sales@rcsm.co.uk](mailto:sales@rcsm.co.uk)

#### For sales enquiries, please contact:

Remtech (Computer Security) Limited, PO Box 60, Epsom, Surrey KT17 2YT, United Kingdom

Tel: +44 (0)208 786 8787

E-mail: [sales@remtech.com](mailto:sales@remtech.com) • Website: [www.modusec.com](http://www.modusec.com)

Certificate No: 1103a to LPS 1175: Issue 7

#### Modular Security Enclosures<sup>1</sup>

| Product Name    | Type  | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m)  | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|-----------------|---|--------------------|--------------------|-------------------|-------------------|--------------------|-------------------|-----------------|---------------|
| Modusec Level 1 | Multisided enclosure incorporating a ceiling <sup>2</sup> | 1.8                | 6.0                | 1.8 <sup>3</sup>  | Unlimited         | 0.4 <sup>3</sup>   | Unlimited         | 1               | 1103a/01      |
| Modusec Level 2 | Multisided enclosure incorporating a ceiling <sup>2</sup> | 1.8                | 6.0                | 1.8 <sup>3</sup>  | Unlimited         | 0.4 <sup>3</sup>   | Unlimited         | 2               | 1103a/02      |
| Modusec Level 3 | Multisided enclosure incorporating a ceiling <sup>2</sup> | 1.8                | 6.0                | 1.8 <sup>3</sup>  | Unlimited         | 0.4 <sup>3</sup>   | Unlimited         | 3               | 1103a/03      |
| Modusec Level 4 | Multisided enclosure incorporating a ceiling <sup>2</sup> | 1.8                | 6.0                | 1.8 <sup>3</sup>  | Unlimited         | 0.4 <sup>3</sup>   | Unlimited         | 4               | 1103a/04      |
| Modusec Level 5 | Multisided enclosure incorporating a ceiling <sup>2</sup> | 1.8                | 6.0                | 1.8 <sup>3</sup>  | Unlimited         | 0.447 <sup>3</sup> | Unlimited         | 5               | 1103a/05      |



A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Steelway Fensecure Limited**

Queensgate Works, Bilston Road, Wolverhampton, West Midlands WV2 2NJ, United Kingdom

Tel: +44 (0)121 521 4521 • Fax: +44 (0)121 521 4551

E-mail: [sales@steelwaybrickhouse.co.uk](mailto:sales@steelwaybrickhouse.co.uk) • Website: [www.steelway.co.uk](http://www.steelway.co.uk)

Certificate No: 1071b to LPS 1175: Issue 7

**Modular Security Cage**

| Product Name                                | Product Type                              | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) <sup>1</sup> | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|---|---|--------------------|--------------------|--------------------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| Steelway Level 1 Security Mesh Panel System | Cage formed from four sides and a ceiling | 1.1                | 3.91               | 0.5                            | Unlimited         | 0.5               | 4.0               | 1               | 1071b/01      |
| Steelway Level 2 Security Mesh Panel System | Cage formed from four sides and a ceiling | 1.1                | 3.91               | 0.5                            | Unlimited         | 0.5               | 4.0               | 2               | 1071b/02      |
| Steelway Level 3 Security Mesh Panel System | Cage formed from four sides and a ceiling | 1.1                | 3.91               | 0.5                            | Unlimited         | 0.5               | 4.0               | 3               | 1071b/03      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 1071e to LPS 1175: Issue 7

**Modular Security Enclosures**

| Product Name                                 | Product Type                                   | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) <sup>1</sup> | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|--|--|--------------------|--------------------|--------------------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| Steelway Level 4 Security Solid Panel System | Enclosure formed from four sides and a ceiling | 1.1                | 3.91               | 0.5                            | Unlimited         | 0.5               | 4.0               | 4               | 1071e/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Technocover Limited (incorporating TechnoRail and Strataform)**

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E-mail: [techadvice@technocover.co.uk](mailto:techadvice@technocover.co.uk) • Website: [www.technocover.co.uk](http://www.technocover.co.uk)

Certificate No: 450b to LPS 1175: Issue 5

# **PART 4: SECTION 3**

## **SECURE ENCLOSURES**

### **Security Cabinets**

| <b>Product Name</b>                  | <b>Nominal Enclosure Height (mm)</b> | <b>Nominal Enclosure Width (mm)</b> | <b>Nominal Enclosure Depth (mm)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|--------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|------------------------|----------------------|
| Half Location Apparatus Case (LAC/H) | 1850                                 | 575                                 | 535                                 | 3                      | 450b/01              |
| Full Location Apparatus Case (LAC/F) | 1850                                 | 1010                                | 535                                 | 3                      | 450b/02              |
| Half Location Apparatus Case (LAC/H) | 1850                                 | 575                                 | 535                                 | 4                      | 450b/03              |
| Full Location Apparatus Case (LAC/F) | 1850                                 | 1010                                | 535                                 | 4                      | 450b/04              |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 450c to LPS 1175: Issue 5**

### **Modular Security Cabinets and Enclosures**

| <b>Product Name</b> | <b>Product Type</b>  | <b>Minimum Height (mm)</b> | <b>Maximum Height (mm)</b> | <b>Minimum Width (mm)</b> | <b>Maximum Width (mm)</b> | <b>Minimum Depth (mm)</b> | <b>Maximum Depth (mm)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|----------------------|
| WMC/DV4             | Walk-In Modular Building System                              | 1500                       | 3000                       | 1000                      | 5000                      | 1000                      | 10000                     | 4                      | 450c/01              |
| CB1/DV4             | Small modular secure cabinet system with single leaf doorset | 900                        | 2000                       | 650                       | 5000                      | 450                       | 1500                      | 4                      | 450c/02              |
| CB2/DV4             | Small modular secure cabinet system with double leaf doorset | 900                        | 2000                       | 1350                      | 5000                      | 450                       | 1500                      | 4                      | 450c/03              |
| WMC/DV3             | Walk-in modular building system                              | 1500                       | 3000                       | 1000                      | 4000                      | 1000                      | 10000                     | 3                      | 450c/04              |
| CB1/DV3             | Small modular secure cabinet system with single leaf doorset | 900                        | 2000                       | 650                       | 5000                      | 450                       | 1500                      | 3                      | 450c/05              |
| CB2/DV3             | Small modular secure cabinet system with double leaf doorset | 900                        | 2000                       | 1350                      | 5000                      | 450                       | 1500                      | 3                      | 450c/06              |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 450i to LPS 1175: Issue 7**

**PART 4: SECTION 3****SECURE ENCLOSURES****Modular Security Cages**

| Product Name                     | Product Type                              | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|----------------------------------|---|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| SCS/DV3/HYB                      | Cage formed from four sides and a ceiling | 1.4                | 4.0                | 1.1               | Unlimited         | 0.75              | 6.0               | 3               | 450i/03       |
| Ultrasecure Security Cage System | Cage formed from four sides and a ceiling | 0.5 <sup>1</sup>   | 6.0                | 0.76 <sup>2</sup> | Unlimited         | 0.76 <sup>2</sup> | 6.0               | 3               | 450i/01       |
| SCS/DV4                          | Cage formed from four sides and a ceiling | 1.4                | 4.0                | 1.1               | Unlimited         | 0.75              | 6.0               | 4               | 450i/02       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 450p to LPS 1175: Issue 7**

**Security Cabinet (Wall Mounted)**

| Product Name         | Type                          | Nominal Cabinet Height (mm) | Nominal Cabinet Width (mm) | Nominal Cabinet Depth (mm) | Compatible Padlocks | Security Rating <sup>1</sup> | LPCB Ref. No. |
|----------------------|-------------------------------|-----------------------------|----------------------------|----------------------------|---------------------|------------------------------|---------------|
| Ultra Secure WCC/DV2 | Wall mounted security cabinet | 806                         | 810                        | 330                        | A and B             | 2                            | 450p/01       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 450q to LPS 1175: Issue 7**

**Modular Security Enclosures**

| Product Name        | Product Type   | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|---------------------|--|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| CB1 Sentinel Lite 2 | Small modular secure cabinet system with single leaf doorset | 1.392              | 2.392              | 0.625             | 1.32              | 0.45              | 2.0               | 2               | 450q/07       |
| CB2 Sentinel Lite 2 | Small modular secure cabinet system with double leaf doorset | 1.392              | 2.392              | 1.32              | 2.4               | 0.45              | 2.0               | 2               | 450q/08       |
| WMC Sentinel Lite 2 | Enclosure formed from four sides and a ceiling               | 1.5                | 3.58               | 1.2               | 6.0               | 1.2               | Unlimited         | 2               | 450q/09       |

## **PART 4: SECTION 3**

### **SECURE ENCLOSURES**

| <b>Product Name</b> | <b>Product Type</b>  | <b>Minimum Height (m)</b> | <b>Maximum Height (m)</b> | <b>Minimum Width (m)</b> | <b>Maximum Width (m)</b> | <b>Minimum Depth (m)</b> | <b>Maximum Depth (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|--|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|----------------------|
| CB1/IS7/DV3         | Small modular secure cabinet system with single leaf doorset | 1.302                     | 1.895                     | 0.615                    | 1.3                      | 0.45                     | 2.0                      | 3                      | 450q/05              |
| CB1 Sentinel Lite 3 | Small modular secure cabinet system with single leaf doorset | 1.392                     | 2.392                     | 0.625                    | 1.32                     | 0.45                     | 2.0                      | 3                      | 450q/10              |
| CB2/IS7/DV3         | Small modular secure cabinet system with double leaf doorset | 1.302                     | 1.895                     | 1.315                    | 2.4                      | 0.45                     | 2.0                      | 3                      | 450q/06              |
| CB2 Sentinel Lite 3 | Small modular secure cabinet system with double leaf doorset | 1.392                     | 2.392                     | 1.32                     | 2.4                      | 0.45                     | 2.0                      | 3                      | 450q/11              |
| WMC/IS7/DV3         | Enclosure formed from four sides and a ceiling               | 1.8                       | 3.0                       | 1.15                     | Unlimited                | 1.2                      | 6.0                      | 3                      | 450q/04              |
| WMC Sentinel Lite 3 | Enclosure formed from four sides and a ceiling               | 1.5                       | 3.58                      | 1.2                      | 6.0                      | 1.2                      | Unlimited                | 3                      | 450q/12              |
| CB1/IS7/DV4         | Small modular secure cabinet system with single leaf doorset | 1.302                     | 1.895                     | 0.615                    | 1.3                      | 0.45                     | 2.0                      | 4                      | 450q/02              |
| CB2/IS7/DV4         | Small modular secure cabinet system with double leaf doorset | 1.302                     | 1.895                     | 1.315                    | 2.4                      | 0.45                     | 2.0                      | 4                      | 450q/03              |
| WMC/IS7/DV4         | Enclosure formed from four sides and a ceiling               | 1.8                       | 3.0                       | 1.15                     | Unlimited                | 1.2                      | 6.0                      | 4                      | 450q/01              |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Trimetals Limited**

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Tel: +44 (0)1258 459441 • Fax: +44 (0)1258 480408

E-mail: sales@trimetals.co.uk • Website: www.trimetals.co.uk

Certificate No: 899a to LPS 1175: Issue 6

**Bicycle and Motorcycle Stores**

| Product Name    | Type             | Model                      | Nominal Internal Height <sup>1</sup> (m) | Nominal Internal Width (m) | Nominal Internal Depth (m) | Security Rating | LPCB Ref. No. |
|-----------------|------------------|----------------------------|--|----------------------------|----------------------------|-----------------|---------------|
| Protect a Cycle | Bicycle store    | -                          | 1.28                                     | 1.8                        | 0.84                       | 1 <sup>2</sup>  | 899a/01       |
| Protect a Bike  | Motorcycle store | Standard pent roof model   | 2.0                                      | 1.4                        | 2.7                        | 2 <sup>3</sup>  | 899a/02       |
|                 | Motorcycle store | Wide pent roof model       | 2.0                                      | 1.6                        | 2.7                        | 2 <sup>3</sup>  |               |
|                 | Motorcycle store | Extra wide pent roof model | 2.0                                      | 1.7                        | 2.7                        | 2 <sup>3</sup>  |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on www.RedBookLive.com

Certificate No: 899b to LPS 1175: Issue 7

**Bicycle Store**

| Product Name        | Type          | Nominal Internal Height <sup>1</sup> (m) | Nominal Internal Width (m) | Nominal Internal Depth (m) | Security Rating | LPCB Ref. No. |
|---------------------|---------------|--|----------------------------|----------------------------|-----------------|---------------|
| Protect a Cycle Pro | Bicycle store | 1.28                                     | 1.94                       | 0.84                       | 2 <sup>2</sup>  | 899b/01       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on www.RedBookLive.com

**Tyrone Fabrication Limited**

87 Goland Road, Ballygawley, Co. Tyrone, Northern Ireland BT70 2LA, United Kingdom

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E-mail: sales@tyrone.co.uk • Website: www.tyrone.co.uk

Certificate No: 1363a to LPS 1175: Issue 7

**Security Cabinets**

| Product Name | Type  | Height (m) | Width (m) | Minimum Depth (m) | Maximum Depth (m) | Compatible Padlock | Security Rating | LPCB Ref. No. |
|--------------|---|------------|-----------|-------------------|-------------------|--------------------|-----------------|---------------|
| T1206        | Five-sided steel location case incorporating double leaf doorsets in front and rear faces | 1.955      | 1.165     | 0.650             | 0.850             | 1                  | 2               | 1363a/03      |
| T1217        | Five-sided steel location case incorporating double leaf doorsets in front and rear faces | 1.955      | 1.165     | 0.706             | 0.906             | 2                  | 3               | 1363a/04      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on www.RedBookLive.com

## **PART 4: SECTION 3**

### **SECURE ENCLOSURES**

#### **Warrior Doors Limited**

Unit 4, Kings Road Industrial Estate, Tyseley, Birmingham, West Midlands B11 2AX, United Kingdom

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E-mail: [redbook@warriordoors.co.uk](mailto:redbook@warriordoors.co.uk) • Website: [www.warriordoors.co.uk](http://www.warriordoors.co.uk)

Certificate No: 1045c to LPS 1175: Issue 7

#### **Modular Security Enclosures**

| Product Name      | Type   | Minimum Height (m) | Maximum Height (m) | Minimum Width (m)  | Maximum Width (m) | Minimum Depth (m)  | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|-------------------|--|--------------------|--------------------|--------------------|-------------------|--------------------|-------------------|-----------------|---------------|
| Warrior Enclosure | Enclosure formed from four sides and a ceiling | 0.364 <sup>1</sup> | 6.20               | 0.364 <sup>2</sup> | Unlimited         | 0.364 <sup>2</sup> | Unlimited         | 4               | 1045c/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Key safes listed in this section are approved to LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers.*

Unless otherwise stated, the security rating attributed to each key safe relates to the key safes' resistance to the following methods of attack:

- Forced entry into the key safe to remove a key stored within it.
- Unauthorised removal of the key safe from the supporting substrate.

It is recommended that the security ratings of the key safes used to store keys are at least equivalent to those of the products (e.g. doorsets) the keys operate. This is particularly important if the key safes are located in unprotected areas, for example, on the outside of properties. This is to ensure the key safe does not compromise the resistance to forced entry provided by the products that the keys operate.

### Burton Safes Limited

Units 20-28, Brockholes Business Park, Rock Mill Road, Brockholes, Holmfirth HD9 7BN, United Kingdom  
 Tel: +44 (0)1484 663388 • Fax: +44 (0)1484 666338  
 E-mail: [enquiries@burtonsafes.co.uk](mailto:enquiries@burtonsafes.co.uk) • Website: [www.burtonsafes.co.uk](http://www.burtonsafes.co.uk)

Certificate No: 1000j to LPS 1175: Issue 8

#### Key Safe

| Product Name        | Type   | Security Rating | LPCB Ref. No. |
|---------------------|--|-----------------|---------------|
| Keyguard Digital XL | Wall mounted key safe with twelve button combination | A3              | 1000j/01      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Sentrilock LLC

7701 Service Center Drive, West Chester, Cincinnati OH 45069, USA  
 Tel: +1 513 618 5800 • Fax: +1 513 618 5801  
 E-mail: [sentrisales@sentrilock.com](mailto:sentrisales@sentrilock.com) • Website: [www.sentrilock.com](http://www.sentrilock.com)

#### UK Enquiries

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 Tel: +44 (0)1684 219091  
 E-mail: [sales@keyneticsltd.co.uk](mailto:sales@keyneticsltd.co.uk) • Website: [www.sentrikey.co.uk](http://www.sentrikey.co.uk)

Certificate No: 1096a to LPS 1175: Issue 7

#### Key Safes

| Product Name               | Model  | Installation Instructions  | Security Rating | LPCB Ref. No. |
|----------------------------|--|--|-----------------|---------------|
| Bluetooth® Realtor Lockbox | Shackle mounted key safe accessed by digital keypad and smart card or compatible Bluetooth enabled device <sup>1</sup> | Bluetooth® Realtor Lockbox Installation Manual - 2019 <sup>2</sup>   | 1               | 1096a/04      |
| Bluetooth® BLE-WM Lockbox  | Wall mounted key safe accessed by digital keypad and smart card or compatible Bluetooth enabled device <sup>1</sup>    | Sentrilock NXT-BLE Installation Manual 2017 and Sentrilock NXT-BLE Installation Manual 2018 <sup>3,4</sup> | 2               | 1096a/03      |
| Bluetooth® NXT-M Lockbox   | Wall mounted key safe accessed by digital keypad and smart card or compatible Bluetooth enabled device <sup>1</sup>    | Sentrilock NXT-BLE Installation Manual 2017 and Sentrilock NXT-BLE Installation Manual 2018 <sup>3,4</sup> | 2               | 1096a/02      |

## **PART 4: SECTION 4**

### **KEY SAFES**

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **UTC Fire & Security B.V Electronic Key Solutions**

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Tel: +32 478 98 32 81

E-mail: [didier.trehout@fs.utc.com](mailto:didier.trehout@fs.utc.com)

#### **UK sales:**

The Key Safe Company, 24 The Furlong, Berry Hill Industrial Estate, Droitwich Spa, Worcestershire WR9 9AH, United Kingdom

Tel: +44 (0)1905 770333

E-mail: [sales@keysafe.co.uk](mailto:sales@keysafe.co.uk)

Certificate No: 1062d to LPS 1175: Issue 7

#### **Key Safes**

| Product Name             | Model   | Part No. | Instructions                           | Security Rating | LPCB Ref. No. |
|--------------------------|---|----------|--|-----------------|---------------|
| TRAC-Vault BT<br>SMART L | Wall mounted key safe<br>operated by IrDA fob | 002177   | P/N10103266P1-01 (rev A)<br>April 2014 | 2               | 1062d/01      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **UTC Fire & Security B.V.**

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Certificate No: 1062a to LPS 1175: Issue 6



**Key Safes**

| <b>Product Name</b>          | <b>Model</b>   | <b>Part No.</b> | <b>Installation Instructions</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|------------------------------|--|-----------------|----------------------------------|------------------------|----------------------|
| Supra P500                   | Wall mounted key safe with twelve button combination                               | 002045          | P/N10102761P1-01<br>Revision F   | 1                      | 1062a/01             |
| Supra C500                   | Wall mounted key safe with twelve button combination                               | 002049          | P/N10102770P1-01<br>Revision L   | 1                      | 1062a/02             |
| Supra P500 with alarm switch | Wall mounted key safe with twelve button combination incorporating an alarm switch | 002046          | P/N10102761P1-01<br>Revision F   | 1                      | 1062a/03             |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 5**

### PHYSICAL SECURITY PROTECTION OF BUILDINGS AND OTHER FACILITIES

With much attention being placed on the role of emerging technologies in the fight against crime and terrorism, it is often easy to become detracted from the basics. However, good physical security is the bedrock of effective security. Without the delay to intrusion provided by effective physical security, detection simply tells you the intruder has been and gone. It is therefore always important to ensure suitable physical security measures are in place and that those measures provide sufficient delay to enable the intruder to be detected and a suitable response mounted in order to apprehend the intruder.

The delay provided by physical security products and systems is typically measured in terms of the tools and time required to achieve entry through those products and systems. These combine to indicate the effort required by an intruder in order to gain unauthorised access through the physical security barrier. Using products and systems that achieve a higher rating, or using a layered approach to physical security, can greatly increase the effort an intruder needs to exert in order to gain entry. That effort extends beyond the physical work required to overcome the physical security barriers. It also includes the effort required to plan and prepare for the attack. The greater the level of planning and preparation a criminal must invest in to conduct a successful attack, the less likely that criminal will consider the return on their investment will be sufficient to warrant attempting that attack.

As the security ratings increase, the size and weight of tools used increases. Using larger, heavier tools increases an intruder's likelihood of being detected through natural surveillance. They can also slow down the intruder if they need to carry those tools onto the site being attacked. This also increases the risk to the intruder of being caught. The greater that risk, the less likely the criminal is to conduct the attack in the first instance.

So how do security managers and other specifiers confirm whether a physical security product will afford a suitable delay against the tools and techniques likely to be employed by a determined intruder?

LPS 1175 Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers confirms the resistance to forced entry provided by security products, systems and building materials.

While Issues 6 and 7 specified eight levels of resistance (security ratings), the latest version (Issue 8) defines a performance classification formed of the following two elements:

- Threat level (first element) - Letter (A to H) corresponding with the tool kit used to evaluate the product's intruder resistance and the number of attackers involved.
- Delay (second element) - Numeric value (1, 3, 5, 10, 15 or 20) corresponding with the minimum delay (in minutes) provided by the product when placed in a locked condition.

LPS 1175 covers the broadest scope of forced entry threat scenarios involving intruders that have little regard to the noise they make during attempts to achieve unauthorised access to assets, property and people. It also covers the broadest scope of physical security products and services of any publicly available standard in the world. This includes, but is certainly not restricted to, the following types of product:

- Access covers
- Cladding systems
- Containers
- Curtain walling systems
- Enclosures
- Entrance portals
- Fences and gates
- Folding doorsets
- Garage doorsets
- Hinged doorsets
- Grilles
- Modular buildings
- Partitioning systems
- Revolving doorsets
- Roofing systems
- Security cabinets
- Security screens
- Sheds and tool stores
- Skylights
- Sliding doorsets
- Strongpoints
- Vehicles
- Walling systems
- Windows

The classification system defined in LPS 1175 Issue 8 supports a layered approach to security, enabling the delay provided by products forming each layer of security to be determined against a common threat.

Further information on the security rating system and attack tools can be found in the standard itself, which can be downloaded for free from [www.redbooklive.com](http://www.redbooklive.com).

In addition to certifying products to LPS 1175, LPCB also certifies products to the following standards:

- EN 1627 Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification.
- PAS 24 Enhanced security performance requirements for doorsets and windows in the UK - Doorsets and windows intended to offer a level of security suitable for dwellings and other buildings exposed to comparable risk.
- LPS 2081 Requirements and testing procedures for the LPCB approval and listing of building components, strongpoints, security enclosures and free-standing barriers offering resistance to intruders attempting to use stealth to gain entry.

EN 1627 is the European standard aimed at façade security products used in domestic and commercial situations. Its lower levels, i.e. up to Resistance Class 3, are primarily aimed at situations where criminals are more likely to use stealth for fear of attracting attention when attempting to force entry into premises.

PAS 24 is a UK standard that is primarily aimed at windows and doors used in domestic applications where intruders generally use stealth to avoid detection. The level of resistance offered by products certified to PAS 24 is generally lower than that provided by products approved to LPS 1175, especially if the products incorporate glass or in situations where the criminal can make sustained amounts of noise while attempting entry. Nonetheless, Secured by Design (SBD) have reported a significant reduction in domestic burglary as a result of the use of products approved to PAS 24.

LPS 2081 defines two levels (security ratings) of resistance to manual attack by opportunist intruders attempting to use a combination of physical bodily force, stealth and a selection of tools that are easily concealed about the person in order to gain entry. The protection against forced entry provided by products certified to Security Rating B in LPS 2081 is likely to be roughly akin to that provided by products certified to PAS 24.

Products approved to LPS 2081 and PAS 24 should generally only be used in environments in which intruders are highly likely to avoid making noise in order to evade detection through natural surveillance. If it is considered intruders operating in the environment may be willing to use tools and techniques likely to result in levels of noise more likely to draw attention to their actions (e.g. breaking glass), reference should be made to LPS 1175. Likewise, specifications should reference LPS 1175 if it is considered intruders operating in the environment are likely to be willing to spend longer than three minutes attacking the product, or would use larger tools to gain entry.

BRE Global has published a free guide to the standards mentioned above entitled 'Façade Security Standards Specifiers Guide'. The guide is available to download for free from [www.redbooklive.com](http://www.redbooklive.com). It includes charts comparing the scope of product types covered by each standard and the likely levels of resistance to forced entry delivered by products certified to each standard.



## **PART 4: SECTION 5.1**

### **SECURITY DOORSETS**

Doorsets listed in this section are approved to either/or the following standards:

- LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers.*
- LPS 2081 *Requirements and testing procedures for the LPCB approval and listing of building components, strongpoints, security enclosures and free-standing barriers offering resistance to intruders attempting to use stealth to gain entry*
- PAS 24 *Enhanced security performance requirements for doorsets and windows in the UK - External doorsets and windows intended to offer a level of security suitable for dwellings and other buildings exposed to comparable risk*
- EN 1627 *Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification.*

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Certificate No: 021d to LPS 1175: Issue 7

#### ***Hinged Security Doorsets***

| <b>Product Name</b> | <b>Type</b>   | <b>Minimum Structural Opening Height (m)</b> | <b>Maximum Structural Opening Height (m)</b> | <b>Minimum Structural Opening Width (m)</b> | <b>Maximum Structural Opening Width (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|---|--|--|---|---|------------------------|----------------------|
| SecureShield 2      | Single leaf outward opening hinged security doorset                                 | 1.5  | 2.6 <sup>1</sup>                             | 0.5   | 1.25  | 2                      | 021d/01              |
|                     | Double leaf outward opening hinged security doorset                                 | 1.5  | 2.6 <sup>1</sup>                             | 1.3   | 2.5   | 2                      | 021d/02              |
| SecureShield 2M     | Single leaf outward opening doorset   | 1.0  | 2.43   | 0.74  | 1.18  | 2 <sup>2</sup>         | 021d/07              |
|                     | Single leaf outward opening doorset with side and/or over panels <sup>3</sup>       | 1.0  | 3.93   | 0.74  | 4.18  | 2 <sup>2</sup>         |                      |
|                     | Double leaf outward opening doorset <sup>4</sup>                                    | 1.0  | 2.43   | 1.15  | 2.20  | 2 <sup>2</sup>         |                      |
|                     | Double leaf outward opening doorset with side and/or over panels <sup>3,4</sup>     | 1.0  | 3.93   | 1.15  | 5.20  | 2 <sup>2</sup>         |                      |
| SecureShield 3      | Single leaf outward opening hinged security doorset                                 | 1.8  | 2.5  | 0.7   | 1.3   | 3                      | 021d/03              |
|                     | Double leaf outward opening hinged security doorset with unequal leafs <sup>4</sup> | 1.8  | 2.5  | 1.3   | 1.8   | 3                      |                      |
|                     | Double leaf outward opening hinged security doorset with equal leafs                | 1.8  | 2.5  | 1.3   | 2.5   | 3                      |                      |
|                     |   |  |  |   |   |                        |                      |

**PART 4: SECTION 5.1****SECURITY DOORSETS**

| <b>Product Name</b>   | <b>Type</b>   | <b>Minimum Structural Opening Height (m)</b> | <b>Maximum Structural Opening Height (m)</b> | <b>Minimum Structural Opening Width (m)</b> | <b>Maximum Structural Opening Width (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---|---|--|--|---|---|------------------------|----------------------|
| SecureShield 3M   | Single leaf outward opening doorset   | 1.0 <sup>5</sup>                             | 2.93 <sup>5</sup>                            | 0.6 <sup>6</sup>                            | 1.43 <sup>6</sup>                           | 3 <sup>7</sup>         | 021d/08              |
|   | Single leaf outward opening doorset with removable over panel <sup>3</sup>          | 1.2 <sup>5</sup>                             | 4.13 <sup>5</sup>                            | 0.6 <sup>6</sup>                            | 1.43 <sup>6</sup>                           | 3 <sup>7</sup>         |                      |
|   | Double leaf outward opening doorset <sup>4</sup>                                    | 1.0 <sup>5</sup>                             | 2.93 <sup>5</sup>                            | 0.9 <sup>6</sup>                            | 2.6 <sup>6</sup>                            | 3 <sup>7</sup>         |                      |
|   | Double leaf outward opening doorset with removable over panel <sup>3,4</sup>        | 1.2 <sup>5</sup>                             | 4.13 <sup>5</sup>                            | 0.9 <sup>6</sup>                            | 2.6 <sup>6</sup>                            | 3 <sup>7</sup>         |                      |
|   | Single leaf outward opening hinged security doorset                                 | 1.8  | 2.5 <sup>8</sup>                             | 0.7   | 1.3   | 4                      |                      |
| Double leaf outward opening hinged security doorset with unequal leafs <sup>4</sup> | 1.8   | 2.5 <sup>8</sup>                             | 1.3  | 1.8   | 4   |                        |                      |
| Double leaf outward opening hinged security doorset with equal leafs                | 1.8   | 2.5 <sup>8</sup>                             | 1.3  | 2.5   | 4   |                        |                      |
| SecureShield 5  | Single leaf outward opening hinged security doorset                                 | 1.8  | 2.32   | 0.7   | 1.3   | 5                      | 021d/05              |
|   | Double leaf outward opening hinged security doorset with unequal leafs <sup>4</sup> | 1.8  | 2.32   | 1.3   | 1.8   | 5                      |                      |
|   | Double leaf outward opening hinged security doorset with equal leafs                | 1.8  | 2.32   | 1.3   | 2.2   | 5                      |                      |
|   | Single leaf outward opening hinged security doorset                                 | 1.8  | 2.32   | 0.7   | 1.3   | 6                      |                      |
| Double leaf outward opening hinged security doorset with unequal leafs <sup>4</sup> | 1.8   | 2.32   | 1.3  | 1.8   | 6   |                        |                      |
| Double leaf outward opening hinged security doorset with equal leafs                | 1.8   | 2.32   | 1.3  | 2.2   | 6   |                        |                      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 5.1**

### **SECURITY DOORSETS**

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Certificate No: 131g to LPS 1175: Issue 7

#### **Hinged Security Doorsets**

| <b>Product Name</b> | <b>Type</b>   | <b>Minimum Structural Opening Height (m)</b> | <b>Maximum Structural Opening Height (m)</b> | <b>Minimum Structural Opening Width (m)</b> | <b>Maximum Structural Opening Width (m)</b> | <b>Security Rating<sup>1</sup></b> | <b>LPCB Ref. No.</b> |
|---------------------|---|--|--|---|---|------------------------------------|----------------------|
| Centurion A363S     | Single leaf outward opening hinged doorset              | 1.8  | 2.9  | 0.7   | 1.46  | 3                                  | 131g/01              |
| Centurion A363SI    | Single leaf inward opening hinged doorset               | 1.8  | 2.75   | 0.7   | 1.46  | 3                                  | 131g/08              |
| Centurion A363D     | Double leaf outward opening hinged doorset <sub>2</sub> | 1.8  | 2.9  | 1.4   | 2.85  | 3                                  | 131g/02              |
| Centurion A363DI    | Double leaf inward opening hinged doorset <sub>2</sub>  | 1.8  | 2.75   | 1.4   | 2.85  | 3                                  | 131g/09              |
| Centurion A364S     | Single leaf outward opening hinged doorset              | 1.8  | 2.9  | 0.7   | 1.46  | 4                                  | 131g/04              |
| Centurion A364D     | Double leaf outward opening hinged doorset <sub>2</sub> | 1.8  | 2.9  | 1.4   | 2.85  | 4                                  | 131g/05              |
| Centurion A365S     | Single leaf outward opening hinged doorset              | 1.8  | 2.9  | 0.7   | 1.46  | 5                                  | 131g/06              |
| Centurion A365D     | Double leaf outward opening hinged doorset <sub>2</sub> | 1.8  | 2.9  | 1.4   | 2.85  | 5                                  | 131g/07              |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **Assa Abloy Limited T/A Assa Abloy Opening Solutions UK & Ireland Door Group**

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Certificate No: 852c to LPS 1175: Issue 7

***Hinged Security Doorsets***

| Product Name              | Type   | Minimum Structural Opening Height (m)                                     | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |                |         |
|---------------------------|--|---|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|----------------|---------|
| Powershield<br>Clandeboye | Single leaf<br>outward opening<br>hinged security<br>doorset   | 0.8   | 2.8                                   | 0.35                                 | 1.4                                  | 2               | 852c/03       |                |         |
|                           | Single leaf<br>inward opening<br>hinged security<br>doorset  | 0.8   | 2.8                                   | 0.35                                 | 1.4                                  | 2               |               |                |         |
|                           | Single leaf<br>outward opening<br>hinged security<br>doorset with over<br>panels <sup>1</sup>              | 1.05  | 4.8                                   | 0.35                                 | 1.25                                 | 2               |               |                |         |
|                           | Single leaf<br>inward opening<br>hinged security<br>doorset with over<br>panels <sup>1</sup>               | 1.05  | 4.8                                   | 0.35                                 | 1.25                                 | 2               |               |                |         |
|                           | Double leaf<br>outward opening<br>hinged security<br>doorset <sup>2</sup>                                  | 0.8   | 2.8                                   | 0.6                                  | 2.8                                  | 2 <sup>4</sup>  |               |                |         |
|                           | Double leaf<br>inward opening<br>hinged security<br>doorset <sup>2</sup>                                   | 0.8   | 2.8                                   | 0.6                                  | 2.8                                  | 2 <sup>4</sup>  |               |                |         |
|                           | Double leaf<br>outward opening<br>hinged security<br>doorset <sup>2</sup> with<br>over panels <sup>1</sup> | 1.05  | 4.8                                   | 0.6                                  | 2.8                                  | 2 <sup>4</sup>  |               |                |         |
|                           | Double leaf<br>inward opening<br>hinged security<br>doorset <sup>2</sup> with<br>over panels <sup>1</sup>  | 1.05  | 4.8                                   | 0.6                                  | 2.8                                  | 2 <sup>4</sup>  |               |                |         |
|                           | ASSA ABLOY<br>Glen   | Single leaf<br>outward opening<br>hinged security<br>doorset              | 1.2                                   | 3.05                                 | 0.6                                  | 1.4             |               | 3              | 852c/04 |
|                           |  | Double leaf<br>outward opening<br>hinged security<br>doorset <sup>2</sup> | 1.2                                   | 3.05                                 | 1.0                                  | 2.54            |               | 3 <sup>4</sup> |         |
|                           | ASSA ABLOY<br>Torr   | Single leaf<br>outward opening<br>hinged security<br>doorset              | 1.2                                   | 2.85                                 | 0.6                                  | 1.4             |               | 3              | 852c/09 |
|                           |  | Double leaf<br>outward opening<br>hinged security<br>doorset <sup>2</sup> | 1.2                                   | 2.85                                 | 1.0                                  | 2.54            |               | 3 <sup>4</sup> |         |
| ASSA ABLOY<br>Trenchard   | Single leaf<br>outward opening<br>hinged security<br>doorset   | 1.2   | 2.8                                   | 0.6                                  | 1.4                                  | 3               | 852c/08       |                |         |
|                           | Single leaf<br>inward opening<br>hinged security<br>doorset  | 1.2   | 2.8                                   | 0.6                                  | 1.4                                  | 3               |               |                |         |
|                           | Double leaf<br>outward opening<br>hinged security<br>doorset <sup>2</sup>                                  | 1.2   | 2.8                                   | 1.0                                  | 2.54                                 | 3 <sup>4</sup>  |               |                |         |
|                           | Double leaf<br>inward opening<br>hinged security<br>doorset <sup>2</sup>                                   | 1.2   | 2.8                                   | 1.0                                  | 2.54                                 | 3 <sup>4</sup>  |               |                |         |

# PART 4: SECTION 5.1

## SECURITY DOORSETS

| Product Name           | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|------------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Powershield Glen       | Single leaf outward opening hinged security doorset              | 1.2                                   | 2.71                                  | 0.65                                 | 1.35                                 | 3               | 852c/05       |
|                        | Double leaf outward opening hinged security doorset <sup>2</sup> | 1.2                                   | 2.71                                  | 1.0                                  | 2.7                                  | 3 <sup>4</sup>  |               |
| ASSA ABLOY Strangford  | Single leaf outward opening hinged security doorset              | 1.2                                   | 3.05                                  | 0.6                                  | 1.4                                  | 4               | 852c/06       |
|                        | Single leaf inward opening hinged security doorset               | 1.2                                   | 3.05                                  | 0.6                                  | 1.4                                  | 4               |               |
|                        | Double leaf outward opening hinged security doorset <sup>2</sup> | 1.2                                   | 3.05                                  | 1.0                                  | 2.54                                 | 4 <sup>4</sup>  |               |
|                        | Double leaf inward opening hinged security doorset <sup>2</sup>  | 1.2                                   | 3.05                                  | 1.0                                  | 2.54                                 | 4 <sup>4</sup>  |               |
| ASSA ABLOY Titan       | Single leaf outward opening hinged security doorset              | 1.2                                   | 2.85                                  | 0.6                                  | 1.4                                  | 4               | 852c/10       |
|                        | Double leaf outward opening hinged security doorset <sup>2</sup> | 1.2                                   | 2.85                                  | 1.0                                  | 2.54                                 | 4 <sup>4</sup>  |               |
| ASSA ABLOY Ultimium    | Single leaf outward opening hinged security doorset              | 1.2                                   | 2.8                                   | 0.6                                  | 1.4                                  | 4               | 852c/07       |
|                        | Single leaf inward opening hinged security doorset               | 1.2                                   | 2.8                                   | 0.6                                  | 1.4                                  | 4               |               |
|                        | Double leaf outward opening hinged security doorset <sup>2</sup> | 1.2                                   | 2.8                                   | 1.0                                  | 2.54                                 | 4 <sup>4</sup>  |               |
|                        | Double leaf inward opening hinged security doorset <sup>2</sup>  | 1.2                                   | 2.8                                   | 1.0                                  | 2.54                                 | 4 <sup>4</sup>  |               |
|                        | Single leaf outward opening hinged security doorset              | 1.2                                   | 2.8                                   | 0.6                                  | 1.4                                  | 4               |               |
| Powershield Strangford | Single leaf outward opening hinged security doorset              | 2.0                                   | 2.54                                  | 0.6                                  | 1.4                                  | 4               | 852c/01       |
|                        | Double leaf outward opening hinged security doorset <sup>3</sup> | 2.0                                   | 2.54                                  | 1.1                                  | 2.54                                 | 4 <sup>4</sup>  |               |
| Safeguard Ultimium     | Single leaf outward opening hinged security doorset              | 1.5                                   | 2.54                                  | 0.6                                  | 1.4                                  | 4               | 852c/02       |
|                        | Single leaf inward opening hinged security doorset               | 1.5                                   | 2.54                                  | 0.6                                  | 1.4                                  | 4               |               |
|                        | Double leaf outward opening hinged security doorset <sup>3</sup> | 1.5                                   | 2.54                                  | 1.1                                  | 2.54                                 | 4 <sup>4</sup>  |               |



**PART 4: SECTION 5.1****SECURITY DOORSETS**

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Double leaf inward opening hinged security doorset <sup>3</sup> | 1.5                                   | 2.54                                  | 1.1                                  | 2.54                                 | 4 <sup>4</sup>  |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1046b to LPS 1175: Issue 7

**Hinged Security Doorsets**

| Product Name  | Type                                | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|---------------|-------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Bastion Door4 | Single leaf outward opening doorset | 1.138                                 | 2.110                                 | 0.624                                | 1.135                                | 4               | 1046b/01      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1165c to LPS 1175: Issue 7

**Hinged Security Doorsets**

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Upton 3      | Single leaf outward opening doorset              | 1.535                                 | 2.51                                  | 0.6                                  | 1.26                                 | 3               | 1165c/01      |
|              | Double leaf outward opening doorset <sup>1</sup> | 1.535                                 | 2.51                                  | 1.325                                | 2.01                                 | 3               |               |
| Upton 4      | Single leaf outward opening doorset              | 1.535                                 | 2.51                                  | 0.6                                  | 1.26                                 | 4               | 1165c/02      |
|              | Double leaf outward opening doorset <sup>1</sup> | 1.535                                 | 2.51                                  | 1.325                                | 2.01                                 | 4               |               |

## PART 4: SECTION 5.1

### SECURITY DOORSETS

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Bolton Gate Co. Limited

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Certificate No: 026-2b to LPS 1175: Issue 5

#### Folding Security Doorsets

| Product Name   | Type <sup>1</sup>   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Superfold 4000 | Sliding folding panel security doorset comprised of 4 door panels | 3.0                                   | 6.0                                   | 1.7                                  | 4.65                                 | 4               | 026-2b/01     |
|                | Sliding folding panel security doorset comprised of 6 door panels | 3.0                                   | 6.0                                   | 2.6                                  | 7.0                                  | 4               |               |
|                | Sliding folding panel security doorset comprised of 8 door panels | 3.0                                   | 6.0                                   | 3.55                                 | 8.0                                  | 4               |               |
| Superfold 5000 | Sliding folding panel security doorset comprised of 4 door panels | 3.0                                   | 6.0                                   | 1.7                                  | 4.65                                 | 5               | 026-2b/02     |
|                | Sliding folding panel security doorset comprised of 6 door panels | 3.0                                   | 6.0                                   | 2.6                                  | 7.0                                  | 5               |               |
|                | Sliding folding panel security doorset comprised of 8 door panels | 3.0                                   | 6.0                                   | 3.55                                 | 8.0                                  | 5               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Bradbury Security

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Certificate No: 312n to PAS 24:2016

#### Hinged Security Doorsets

| Product Name | Type <sup>1</sup>  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Compatible Locking Systems | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|----------------------------|---------------|
| Classic 2    | Single leaf inward opening doorset   | 1.505                                 | 2.205                                 | 0.71                                 | 1.21                                 | 1 to 3                     | 312n/01       |
|              | Single leaf inward opening doorset with side panel (to one or both sides of the door) <sup>2</sup> | 1.505                                 | 2.205                                 | 1.01                                 | 4.21                                 | 1 to 3                     |               |

**PART 4: SECTION 5.1****SECURITY DOORSETS**

| Product Name | Type <sup>1</sup>  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Compatible Locking Systems | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|----------------------------|---------------|
|              | Single leaf inward opening doorset with over panel <sup>2</sup>  | 1.805                                 | 4.405                                 | 0.71                                 | 1.21                                 | 1 to 3                     |               |
|              | Single leaf inward opening doorset with side panel (to one or both sides of the door) and over panel <sup>2</sup>  | 1.805                                 | 4.405                                 | 1.01                                 | 3.0                                  | 1 to 3                     |               |
|              | Single leaf outward opening doorset  | 1.505                                 | 2.205                                 | 0.71                                 | 1.21                                 | 1 to 3                     |               |
|              | Single leaf outward opening doorset with side panel (to one or both sides of the door) <sup>2</sup>                | 1.505                                 | 2.205                                 | 1.01                                 | 4.21                                 | 1 to 3                     |               |
|              | Single leaf outward opening doorset with over panel <sup>2</sup>   | 1.805                                 | 4.405                                 | 0.71                                 | 1.21                                 | 1 to 3                     |               |
|              | Single leaf outward opening doorset with side panel (to one or both sides of the door) and over panel <sup>2</sup> | 1.805                                 | 4.405                                 | 1.01                                 | 3.0                                  | 1 to 3                     |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 312e to LPS 1175: Issue 7**

***Hinged Security Doorsets***

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating  | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|------------------|---------------|
| 'M2M2FL'     | Single leaf outward opening plain leaf doorset                                | 1.4                                   | 2.45                                  | 0.8                                  | 1.4                                  | 2                | 312e/04       |
|              | Double leaf outward opening plain leafed doorset <sup>8</sup>                 | 1.4                                   | 2.45                                  | 1.3                                  | 2.7                                  | 2                |               |
| 'M2M3'       | Single leaf outward opening plain leafed doorset                              | 1.0 <sup>1</sup>                      | 2.93 <sup>2</sup>                     | 0.6 <sup>3</sup>                     | 1.43 <sup>4</sup>                    | 3 <sup>5,7</sup> | 312e/01       |
|              | Single leaf outward opening louvred doorset                                   | 1.745                                 | 2.43                                  | 0.74                                 | 1.18                                 | 3 <sup>6</sup>   |               |
|              | Single leaf outward opening hinged security doorset with removable over panel | 1.2 <sup>1</sup>                      | 4.13 <sup>2</sup>                     | 0.6 <sup>3</sup>                     | 1.43 <sup>4</sup>                    | 3 <sup>7</sup>   |               |
|              | Single leaf inward opening hinged doorset                                     | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 3 <sup>7</sup>   |               |
|              | Single leaf inward opening hinged doorset with removable over panel           | 1.2                                   | 4.13                                  | 0.6                                  | 1.43                                 | 3 <sup>7</sup>   |               |
|              | Double leaf outward opening plain leafed doorset <sup>8</sup>                 | 1.0 <sup>1</sup>                      | 2.93 <sup>2</sup>                     | 0.9 <sup>9</sup>                     | 2.6 <sup>10</sup>                    | 3 <sup>5,7</sup> |               |
|              | Double leaf outward opening louvred doorset <sup>8</sup>                      | 1.745                                 | 2.43                                  | 1.15                                 | 2.2                                  | 3 <sup>6</sup>   |               |

# PART 4: SECTION 5.1

## SECURITY DOORSETS

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Double leaf outward opening hinged security doorset with removable over panel | 1.2 <sup>1</sup>                      | 4.13 <sup>2</sup>                     | 0.9 <sup>9</sup>                     | 2.6 <sup>10</sup>                    | 3 <sup>7</sup>  |               |
|              | Double leaf inward opening hinged doorset                                     | 1.0                                   | 2.93                                  | 0.9                                  | 2.6                                  | 3 <sup>7</sup>  |               |
|              | Double leaf inward opening hinged security doorset with removable over panel  | 1.2                                   | 4.13                                  | 0.9                                  | 2.6                                  | 3 <sup>7</sup>  |               |
| 'M2M3FL'     | Single leaf outward opening plain leafed doorset                              | 1.4                                   | 2.45                                  | 0.8                                  | 1.4                                  | 3               | 312e/05       |
|              | Double leaf outward opening plain leafed doorset <sup>8</sup>                 | 1.4                                   | 2.45                                  | 1.3                                  | 2.7                                  | 3               |               |
| 'M2M4'       | Single leaf outward opening hinged doorset                                    | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 4 <sup>11</sup> | 312e/03       |
|              | Single leaf outward opening hinged doorset with side and/or over panels       | 1.0                                   | 4.43                                  | 0.6                                  | 2.93                                 | 4 <sup>11</sup> |               |
|              | Single leaf inward opening hinged doorset                                     | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 4 <sup>11</sup> |               |
|              | Single leaf inward opening hinged doorset with side and/or over panels        | 1.0                                   | 4.43                                  | 0.6                                  | 2.93                                 | 4 <sup>11</sup> |               |
|              | Double leaf outward opening hinged doorset <sup>8</sup>                       | 1.0                                   | 2.93                                  | 0.9                                  | 2.6                                  | 4 <sup>11</sup> |               |
|              | Double leaf outward opening hinged doorset with side and/or over panels       | 1.0                                   | 4.43                                  | 0.9                                  | 4.1                                  | 4 <sup>11</sup> |               |
| 'M2M4FL'     | Single leaf outward opening plain leafed doorset                              | 1.4                                   | 2.45                                  | 0.8                                  | 1.4                                  | 4               | 312e/06       |
|              | Double leaf outward opening plain leafed doorset <sup>8</sup>                 | 1.4                                   | 2.45                                  | 1.3                                  | 2.7                                  | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 312f to LPS 1175: Issue 7

### Hinged Security Doorsets

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| 'M2M2'       | Single leaf outward opening doorset                              | 1.0                                   | 2.43                                  | 0.74                                 | 1.18                                 | 2               | 312f/01       |
|              | Single leaf outward opening doorset with side and/or over panels | 1.0                                   | 3.93                                  | 0.74                                 | 4.18                                 | 2               |               |

**PART 4: SECTION 5.1****SECURITY DOORSETS**

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Double leaf outward opening doorset <sup>1</sup>                              | 1.0                                   | 2.43                                  | 1.15                                 | 2.20                                 | 2 <sup>2</sup>  |               |
|              | Double leaf outward opening doorset with side and/or over panels <sup>1</sup> | 1.0                                   | 3.93                                  | 1.15                                 | 5.20                                 | 2 <sup>2</sup>  |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 312d to LPS 1175: Issue 6**

***Hinged Security Doorsets***

| Product Name       | Type  | Minimum Clear Opening Height (m) | Maximum Clear Opening Height (m) | Minimum Clear Opening Width (m) | Maximum Clear Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------------|---|----------------------------------|----------------------------------|---------------------------------|---------------------------------|-----------------|---------------|
| 'M2M' <sup>1</sup> | Single leaf outward opening hinged security doorset | 1.745                            | 2.475                            | 0.74                            | 1.210                           | 1               | 312d/01       |
|                    | Single leaf outward opening hinged security doorset | 1.745                            | 2.410                            | 0.740                           | 0.990                           | 1               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 312m to LPS 2081: Issue 1**

***Hinged Glazed Security Doorsets***

| Product Name          | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-----------------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Classic <sup>AL</sup> | Single leaf inward or outward opening fully glazed hinged security doorset  | 0.9                                   | 2.2                                   | 0.9                                  | 1.2                                  | B               | 312m/01       |
|                       | Single leaf inward or outward opening fully glazed hinged security doorset <sup>1</sup> with a single side panel and or over panel <sup>2</sup>         | 1.2                                   | 3.4                                   | 1.2                                  | 2.4                                  | B               |               |
|                       | Single leaf inward or outward opening fully glazed hinged security doorset <sup>1</sup> with two side panels <sup>3</sup> with or without an over panel | 1.2                                   | 3.4                                   | 1.5                                  | 3.6                                  | B               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

# PART 4: SECTION 5.1

## SECURITY DOORSETS

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Certificate No: 1000a to LPS 1175: Issue 7

### Hinged Security Doorsets

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |  |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|--|
| Kronos SR2   | Single leaf outward opening doorset   | 1.0                                   | 2.43                                  | 0.74                                 | 1.18                                 | 2 <sup>1</sup>  | 1000a/01      |  |
|              | Single leaf outward opening doorset with side and/or over panels <sup>2</sup>   | 1.0                                   | 3.93                                  | 0.74                                 | 4.18                                 | 2 <sup>1</sup>  |               |  |
|              | Double leaf outward opening doorset <sup>3</sup>                                | 1.0                                   | 2.43                                  | 1.15                                 | 2.20                                 | 2 <sup>1</sup>  |               |  |
|              | Double leaf outward opening doorset with side and/or over panels <sup>2,3</sup> | 1.0                                   | 3.93                                  | 1.15                                 | 5.20                                 | 2 <sup>1</sup>  |               |  |
|              |   |                                       |                                       |                                      |                                      |                 |               |  |
| Kronos SR3   | Single leaf outward opening doorset   | 1.0 <sup>4</sup>                      | 2.93 <sup>5</sup>                     | 0.6 <sup>6</sup>                     | 1.43 <sup>7</sup>                    | 3 <sup>8</sup>  | 1000a/02      |  |
|              | Single leaf outward opening doorset with removable over panel <sup>2</sup>      | 1.2 <sup>4</sup>                      | 4.13 <sup>5</sup>                     | 0.6 <sup>6</sup>                     | 1.43 <sup>7</sup>                    | 3 <sup>8</sup>  |               |  |
|              | Single leaf inward opening doorset  | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 3 <sup>8</sup>  |               |  |
|              | Single leaf inward opening doorset with removable over panel <sup>2</sup>       | 1.2                                   | 4.13                                  | 0.6                                  | 1.43                                 | 3 <sup>8</sup>  |               |  |
|              | Double leaf outward opening doorset <sup>9</sup>                                | 1.0 <sup>4</sup>                      | 2.93 <sup>5</sup>                     | 0.9 <sup>10</sup>                    | 2.6 <sup>11</sup>                    | 3 <sup>8</sup>  |               |  |
|              | Double leaf outward opening doorset with removable over panel <sup>2</sup>      | 1.2 <sup>4</sup>                      | 4.13 <sup>5</sup>                     | 0.9 <sup>10</sup>                    | 2.6 <sup>11</sup>                    | 3 <sup>8</sup>  |               |  |
|              | Double leaf inward opening doorset  | 1.0                                   | 2.93                                  | 0.9                                  | 2.6                                  | 3 <sup>8</sup>  |               |  |
|              | Double leaf inward opening doorset with removable over panel <sup>2</sup>       | 1.2                                   | 4.13                                  | 0.9                                  | 2.6                                  | 3 <sup>8</sup>  |               |  |
|              |   |                                       |                                       |                                      |                                      |                 |               |  |
|              |   |                                       |                                       |                                      |                                      |                 |               |  |
| Kronos SR4   | Single leaf outward opening doorset   | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 4 <sup>8</sup>  | 1000a/03      |  |
|              | Single leaf outward opening doorset with side and/or over panels <sup>2</sup>   | 1.0                                   | 4.43                                  | 0.6                                  | 2.93                                 | 4 <sup>8</sup>  |               |  |
|              | Single leaf inward opening doorset  | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 4 <sup>8</sup>  |               |  |
|              | Single leaf inward opening doorset with side and/or over panels <sup>2</sup>    | 1.0                                   | 4.43                                  | 0.6                                  | 2.93                                 | 4 <sup>8</sup>  |               |  |
|              | Double leaf outward opening doorset   | 1.0                                   | 2.93                                  | 0.9                                  | 2.6                                  | 4 <sup>8</sup>  |               |  |
|              |   |                                       |                                       |                                      |                                      |                 |               |  |
|              |   |                                       |                                       |                                      |                                      |                 |               |  |

**PART 4: SECTION 5.1****SECURITY DOORSETS**

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Double leaf outward opening doorset with side and/or over panels <sup>2</sup> | 1.0                                   | 4.43                                  | 0.9                                  | 4.1                                  | 4 <sup>8</sup>  |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1075b to LPS 1175: Issue 7

**Hinged Security Doorsets**

| Product Name     | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |  |
|------------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|--|
| Obexion SR2 Door | Single leaf outward opening doorset   | 1.0                                   | 2.43                                  | 0.74                                 | 1.18                                 | 2 <sup>1</sup>  | 1075b/01      |  |
|                  | Single leaf outward opening doorset with side and/or over panels <sup>2</sup>   | 1.0                                   | 3.93                                  | 0.74                                 | 4.18                                 | 2 <sup>1</sup>  |               |  |
|                  | Double leaf outward opening doorset <sup>3</sup>                                | 1.0                                   | 2.43                                  | 1.15                                 | 2.2                                  | 2 <sup>1</sup>  |               |  |
|                  | Double leaf outward opening doorset with side and/or over panels <sup>2,3</sup> | 1.0                                   | 3.93                                  | 1.15                                 | 5.2                                  | 2 <sup>1</sup>  |               |  |
|                  |   |                                       |                                       |                                      |                                      |                 |               |  |
| Obexion SR3 Door | Single leaf outward opening doorset   | 1.0 <sup>4</sup>                      | 2.93 <sup>5</sup>                     | 0.6 <sup>6</sup>                     | 1.43 <sup>7</sup>                    | 3 <sup>8</sup>  | 1075b/02      |  |
|                  | Single leaf outward opening doorset with removable over panels <sup>2</sup>     | 1.2 <sup>4</sup>                      | 4.13 <sup>5</sup>                     | 0.6 <sup>6</sup>                     | 1.43 <sup>7</sup>                    | 3 <sup>8</sup>  |               |  |
|                  | Single leaf inward opening doorset  | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 3 <sup>8</sup>  |               |  |
|                  | Single leaf inward opening doorset with removable over panels <sup>2</sup>      | 1.2                                   | 4.13                                  | 0.6                                  | 1.43                                 | 3 <sup>8</sup>  |               |  |
|                  | Double leaf outward opening doorset <sup>9</sup>                                | 1.0 <sup>4</sup>                      | 2.93 <sup>5</sup>                     | 0.9 <sup>10</sup>                    | 2.6 <sup>11</sup>                    | 3 <sup>8</sup>  |               |  |
|                  | Double leaf outward opening doorset with removable over panels <sup>2</sup>     | 1.2 <sup>4</sup>                      | 4.13 <sup>5</sup>                     | 0.9 <sup>10</sup>                    | 2.6 <sup>11</sup>                    | 3 <sup>8</sup>  |               |  |
|                  | Double leaf inward opening doorset  | 1.0                                   | 2.93                                  | 0.9                                  | 2.6                                  | 3 <sup>8</sup>  |               |  |
|                  | Double leaf inward opening doorset with removable over panels <sup>2</sup>      | 1.2                                   | 4.13                                  | 0.9                                  | 2.6                                  | 3 <sup>8</sup>  |               |  |
|                  |   |                                       |                                       |                                      |                                      |                 |               |  |
|                  |   |                                       |                                       |                                      |                                      |                 |               |  |
| Obexion SR4 Door | Single leaf outward opening doorset   | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 4 <sup>8</sup>  | 1075b/03      |  |

## **PART 4: SECTION 5.1**

### **SECURITY DOORSETS**

| <b>Product Name</b> | <b>Type</b>   | <b>Minimum Structural Opening Height (m)</b> | <b>Maximum Structural Opening Height (m)</b> | <b>Minimum Structural Opening Width (m)</b> | <b>Maximum Structural Opening Width (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|---|--|--|---|---|------------------------|----------------------|
|                     | Single leaf outward opening doorset with side and/or over panels <sup>2</sup> | 1.0  | 4.43   | 0.6   | 2.93  | 4 <sup>8</sup>         |                      |
|                     | Single leaf inward opening doorset  | 1.0  | 2.93   | 0.6   | 1.43  | 4 <sup>8</sup>         |                      |
|                     | Single leaf inward opening doorset with side and/or over panels <sup>2</sup>  | 1.0  | 4.43   | 0.6   | 2.93  | 4 <sup>8</sup>         |                      |
|                     | Double leaf outward opening doorset   | 1.0  | 2.93   | 0.9   | 2.6   | 4 <sup>8</sup>         |                      |
|                     | Double leaf outward opening doorset with side and/or over panels <sup>2</sup> | 1.0  | 4.43   | 0.9   | 4.1   | 4 <sup>8</sup>         |                      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1440b to LPS 1175: Issue 5.1

### **Hinged Security Doorsets**

| <b>Product Name</b> | <b>Type</b>   | <b>Minimum Structural Opening Height (m)</b> | <b>Maximum Structural Opening Height (m)</b> | <b>Minimum Structural Opening Width (m)</b> | <b>Maximum Structural Opening Width (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|---|--|--|---|---|------------------------|----------------------|
| SecureLine SR2      | Single leaf outward opening hinged security doorset | 2.0  | 2.6  | 0.85  | 1.4   | 2                      | 1440b/01             |
|                     | Single leaf inward opening hinged security doorset  | 2.0  | 2.6  | 0.85  | 1.4   | 2                      |                      |
|                     | Double leaf outward opening hinged security doorset | 2.0  | 2.6  | 1.5   | 2.8   | 2                      |                      |
|                     | Double leaf inward opening hinged security doorset  | 2.0  | 2.24   | 1.5   | 2.8   | 2                      |                      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)



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Certificate No: 694b to LPS 1175: Issue 7

**Hinged Security Doorsets**

| Product Name  | Type   | Minimum Structural Opening Height (m)                            | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |         |
|---|--|--|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|---------|
| Desray 1  | Single leaf outward opening hinged security doorset  | 1.8  | 2.44                                  | 0.6                                  | 1.44                                 | 1               | 694b/03       |         |
|   | Double leaf outward opening hinged security doorset <sup>1</sup>                             | 1.8  | 2.44                                  | 1.1                                  | 2.8                                  | 1               | 694b/04       |         |
|   | Single leaf outward opening hinged security doorset incorporating over panels <sup>2</sup>   | 2.29   | 3.44                                  | 0.6                                  | 1.44                                 | 1               | 694b/05       |         |
|   | Double leaf outward opening hinged security doorset incorporating over panels <sup>1,2</sup> | 2.29   | 3.44                                  | 1.1                                  | 2.8                                  | 1               | 694b/06       |         |
|   | Desray 2   | Single leaf outward opening hinged security doorset              | 1.8                                   | 2.44                                 | 0.6                                  | 1.44            | 2             | 694b/01 |
|   |  | Double leaf outward opening hinged security doorset <sup>1</sup> | 1.8                                   | 2.44                                 | 1.1                                  | 2.8             | 2             | 694b/02 |
| Single leaf outward opening hinged security doorset incorporating overpanels <sup>2</sup>   |  | 2.29   | 3.44                                  | 0.75                                 | 1.3                                  | 2               | 694b/07       |         |
| Double leaf outward opening hinged security doorset incorporating overpanels <sup>1,2</sup> |  | 2.29   | 3.44                                  | 1.5                                  | 2.2                                  | 2               | 694b/08       |         |
| DS3   | Single leaf outward opening hinged security doorset  | 1.5  | 3.06                                  | 0.75                                 | 1.4                                  | 3 <sup>3</sup>  | 694b/09       |         |
|   | Double leaf outward opening hinged security doorset <sup>1</sup>                             | 1.5  | 3.06                                  | 1.5                                  | 2.51                                 | 3 <sup>3</sup>  |               |         |

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Certificate No: 694c to LPS 2081: Issue 1

**Hinged Glazed Security Doorsets**

| Product Name     | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|------------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Slimline Janisol | Single leaf inward or outward opening fully glazed thermally broken hinged security doorset | 0.75                                  | 2.5                                   | 0.7                                  | 1.49                                 | B               | 694c/01       |

# PART 4: SECTION 5.1

## SECURITY DOORSETS

| Product Name        | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|---------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|                     | Single leaf inward or outward opening fully glazed thermally broken hinged security doorset <sup>1</sup> with a single side panel <sup>2</sup> and/or over panel         | 1.05                                  | 3.9                                   | 1.05                                 | 2.87                                 | B               |               |
|                     | Single leaf inward or outward opening fully glazed thermally broken hinged security doorset <sup>1</sup> with two side panels <sup>3</sup> with or without an over panel | 1.05                                  | 3.9                                   | 1.05                                 | 4.29                                 | B               |               |
| Slimline Economy 60 | Single leaf inward or outward opening fully glazed hinged security doorset   | 0.75                                  | 2.5                                   | 0.7                                  | 1.49                                 | B               | 694c/02       |
|                     | Single leaf inward or outward opening fully glazed hinged security doorset <sup>1</sup> with a single side panel <sup>2</sup> and/or over panel                          | 1.05                                  | 3.9                                   | 1.05                                 | 2.87                                 | B               |               |
|                     | Single leaf inward or outward opening fully glazed thermally broken hinged security doorset <sup>1</sup> with two side panels <sup>3</sup> with or without an over panel | 1.05                                  | 3.9                                   | 1.05                                 | 4.29                                 | B               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1084a to LPS 1175: Issue 7

### Hinged Security Doorsets

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| X15-2        | Single leaf, outward opening hinged security doorset               | 1.354                                 | 2.540                                 | 0.522                                | 1.237                                | 2 <sup>1</sup>  | 1084a/02      |
| X15-3        | Single leaf, outward opening hinged security doorset               | 1.354                                 | 2.540                                 | 0.522                                | 1.237                                | 3 <sup>1</sup>  | 1084a/01      |
|              | Double leaf <sup>2</sup> , outward opening hinged security doorset | 1.354                                 | 2.540                                 | 0.974                                | 2.398                                | 3 <sup>1</sup>  |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1470a to LPS 1175: Issue 7

**Hinged Security Doorset**

| Product Name | Type                                      | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating <sup>1</sup> | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|------------------------------|---------------|
| ShadSecure   | Single leaf inward opening timber doorset | 1.991                                 | 2.515                                 | 0.702                                | 1.080                                | 2                            | 1470a/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1236a to LPS 1175: Issue 7

**Hinged Security Doorsets**

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| BBS 1        | Single leaf outward opening hinged security doorset | 0.6                                   | 2.5                                   | 0.6                                  | 1.245                                | 1               | 1236a/04      |
|              | Double leaf outward opening hinged security doorset | 0.6                                   | 2.54                                  | 1.45                                 | 2.495                                | 1 <sup>1</sup>  |               |
| BBS 2        | Single leaf outward opening hinged security doorset | 0.6                                   | 2.5                                   | 0.6                                  | 1.245                                | 2               | 1236a/05      |
|              | Double leaf outward opening hinged security doorset | 0.6                                   | 2.54                                  | 1.45                                 | 2.495                                | 2 <sup>1</sup>  |               |
| BBS 3        | Single leaf outward opening hinged security doorset | 1.75                                  | 3.445                                 | 0.8                                  | 1.45                                 | 3               | 1236a/01      |
|              | Double leaf outward opening hinged security doorset | 1.75                                  | 3.445                                 | 1.45                                 | 3.08                                 | 3 <sup>1</sup>  |               |
| BBS 4        | Single leaf outward opening hinged security doorset | 1.75                                  | 2.6                                   | 0.8                                  | 1.45                                 | 4               | 1236a/02      |

## PART 4: SECTION 5.1

### SECURITY DOORSETS

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| BBS 5        | Double leaf outward opening hinged security doorset | 1.75                                  | 2.6                                   | 1.45                                 | 2.6                                  | 4 <sup>1</sup>  |               |
|              | Single leaf outward opening hinged security doorset | 1.75                                  | 2.6                                   | 0.8                                  | 1.45                                 | 5               | 1236a/03      |
|              | Double leaf outward opening hinged security doorset | 1.75                                  | 2.6                                   | 1.45                                 | 2.6                                  | 5 <sup>1</sup>  |               |

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Certificate No: 1123d to PAS 24:2016

### Automatic Sliding Security Doorsets

| Product Name   | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | LPCB Ref. No. |
|----------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|---------------|
| PSXP<br>SL35-S | Single sliding leaf doorset  | 2.0                                   | 2.64                                  | 0.7                                  | 1.65                                 | 1123d/01      |
|                | Single sliding leaf doorset with side panel (to one side of the door) <sup>1</sup>                       | 2.0                                   | 2.64                                  | 1.07                                 | 3.75                                 |               |
|                | Single sliding leaf doorset with overhead panel <sup>1</sup>   | 2.3                                   | 3.2                                   | 0.7                                  | 1.65                                 |               |
|                | Single sliding leaf doorset with side panel (to one side of the door) and overhead panel <sup>1</sup>    | 2.3                                   | 3.2                                   | 1.07                                 | 3.75                                 |               |
|                | Double sliding leaf doorset  | 2.0                                   | 2.64                                  | 0.8                                  | 3.3                                  |               |
|                | Double sliding leaf doorset with side panels (to both sides of the door) <sup>1</sup>                    | 2.0                                   | 2.64                                  | 1.54                                 | 7.5                                  |               |
|                | Double sliding leaf doorset with overhead panel <sup>1</sup>   | 2.3                                   | 3.2                                   | 0.8                                  | 3.3                                  |               |
|                | Double sliding leaf doorset with side panels (to both sides of the door) and overhead panel <sup>1</sup> | 2.3                                   | 3.2                                   | 1.54                                 | 7.5                                  |               |

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Certificate No: 1123e to LPS 1175: Issue 7

### Automatic Sliding Security Doorsets

| Product Name   | Type   | Minimum Structural Opening Height (m)  | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |   |          |
|--|--|--|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|---|----------|
| SL35-S<br>PSXP<br>ESR-1  | Single sliding leaf doorset  | 2.0  | 2.64                                  | 0.7                                  | 1.65                                 | 1               | 1123e/01      |   |          |
|  | Single sliding leaf doorset with side panel (to one side of the door) <sup>1</sup>                       | 2.0  | 2.64                                  | 1.07                                 | 3.75                                 | 1               |               |   |          |
|  | Single sliding leaf doorset with overhead panel <sup>1</sup>   | 2.3  | 3.2                                   | 0.7                                  | 1.65                                 | 1               |               |   |          |
|  | Single sliding leaf doorset with side panel (to one side of the door) and overhead panel <sup>1</sup>    | 2.3  | 3.2                                   | 1.07                                 | 3.75                                 | 1               |               |   |          |
|  | Double sliding leaf doorset  | 2.0  | 2.64                                  | 0.8                                  | 3.3                                  | 1               |               |   |          |
|  | Double sliding leaf doorset with side panels (to both sides of the door) <sup>1</sup>                    | 2.0  | 2.64                                  | 1.54                                 | 7.5                                  | 1               |               |   |          |
|  | Double sliding leaf doorset with overhead panel <sup>1</sup>   | 2.3  | 3.2                                   | 0.8                                  | 3.3                                  | 1               |               |   |          |
|  | Double sliding leaf doorset with side panels (to both sides of the door) and overhead panel <sup>1</sup> | 2.3  | 3.2                                   | 1.54                                 | 7.5                                  | 1               |               |   |          |
|  | SL35-S<br>PSXP<br>ESR-2  | Single sliding leaf doorset  | 2.0                                   | 2.64                                 | 0.7                                  | 1.65            |               | 2 | 1123e/02 |
|  |  | Single sliding leaf doorset with side panel (to one side of the door) <sup>1</sup> | 2.0                                   | 2.64                                 | 1.07                                 | 3.75            |               | 2 |          |
| Single sliding leaf doorset with overhead panel <sup>1</sup>   |  | 2.3  | 3.2                                   | 0.7                                  | 1.65                                 | 2               |               |   |          |
| Single sliding leaf doorset with side panel (to one side of the door) and overhead panel <sup>1</sup>    |  | 2.3  | 3.2                                   | 1.07                                 | 3.75                                 | 2               |               |   |          |
| Double sliding leaf doorset  |  | 2.0  | 2.64                                  | 0.8                                  | 3.3                                  | 2               |               |   |          |
| Double sliding leaf doorset with side panels (to both sides of the door) <sup>1</sup>                    |  | 2.0  | 2.64                                  | 1.54                                 | 7.5                                  | 2               |               |   |          |
| Double sliding leaf doorset with overhead panel <sup>1</sup>   |  | 2.3  | 3.2                                   | 0.8                                  | 3.3                                  | 2               |               |   |          |
| Double sliding leaf doorset with side panels (to both sides of the door) and overhead panel <sup>1</sup> |  | 2.3  | 3.2                                   | 1.54                                 | 7.5                                  | 2               |               |   |          |

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**Certificate No: 1123f to LPS 2081: Issue 1**

# PART 4: SECTION 5.1

## SECURITY DOORSETS

### Automatic Sliding Security Doorsets

| Product Name            | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-------------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| SL35-S<br>PSXP<br>ESR-B | Single sliding leaf doorset  | 2.0                                   | 2.64                                  | 0.7                                  | 1.65                                 | B               | 1123f/01      |
|                         | Single sliding leaf doorset with side panel (to one side of the door) <sup>1</sup>                       | 2.0                                   | 2.64                                  | 1.07                                 | 3.75                                 | B               |               |
|                         | Single sliding leaf doorset with overhead panel <sup>1</sup>   | 2.3                                   | 3.2                                   | 0.7                                  | 1.65                                 | B               |               |
|                         | Single sliding leaf doorset with side panel (to one side of the door) and overhead panel <sup>1</sup>    | 2.3                                   | 3.2                                   | 1.07                                 | 3.75                                 | B               |               |
|                         | Double sliding leaf doorset  | 2.0                                   | 2.64                                  | 0.8                                  | 3.3                                  | B               |               |
|                         | Double sliding leaf doorset with side panels (to both sides of the door) <sup>1</sup>                    | 2.0                                   | 2.64                                  | 1.54                                 | 7.5                                  | B               |               |
|                         | Double sliding leaf doorset with overhead panel <sup>1</sup>   | 2.3                                   | 3.2                                   | 0.8                                  | 3.3                                  | B               |               |
|                         | Double sliding leaf doorset with side panels (to both sides of the door) and overhead panel <sup>1</sup> | 2.3                                   | 3.2                                   | 1.54                                 | 7.5                                  | B               |               |

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Certificate No: 1135a to LPS 1175: Issue 7

### Hinged Security Doorsets

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating <sup>1</sup> | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|------------------------------|---------------|
| Epsilon 1    | Single leaf outward opening security doorset with side and overhead panels | 2.18                                  | 3.0                                   | 1.146                                | 1.9                                  | 1                            | 1135a/05      |
|              | Double leaf outward opening security doorset with side and overhead panels | 2.18                                  | 3.0                                   | 1.972                                | 2.6                                  | 1                            |               |
| Apeiron 2    | Single leaf outward opening security doorset                               | 2.0                                   | 2.5                                   | 0.8                                  | 1.5                                  | 2                            | 1135a/02      |
|              | Double leaf outward opening security doorset                               | 2.0                                   | 2.5                                   | 1.4                                  | 2.4                                  | 2                            |               |

**PART 4: SECTION 5.1**  
SECURITY DOORSETS

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating <sup>1</sup> | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|------------------------------|---------------|
| Colossus     | Single leaf outward opening security doorset                               | 2.1                                   | 2.5                                   | 0.93                                 | 1.42                                 | 2                            | 1135a/01      |
|              | Single leaf outward opening security doorset with overhead panels          | 2.4                                   | 4.4                                   | 0.93                                 | 1.42                                 | 2                            |               |
|              | Double leaf outward opening security doorset                               | 2.1                                   | 2.5                                   | 1.42                                 | 2.69 <sup>2</sup>                    | 2                            |               |
|              | Double leaf outward opening security doorset with overhead panels          | 2.4                                   | 4.4                                   | 1.42                                 | 2.4                                  | 2                            |               |
| Epsilon 2    | Single leaf outward opening security doorset with side and overhead panels | 2.18                                  | 3.0                                   | 1.146                                | 1.9                                  | 2                            | 1135a/06      |
|              | Double leaf outward opening security doorset with side and overhead panels | 2.18                                  | 3.0                                   | 1.972                                | 2.6                                  | 2                            |               |
| Apeiron 3    | Single leaf outward opening security doorset                               | 2.0                                   | 2.5                                   | 0.8                                  | 1.5                                  | 3                            | 1135a/03      |
|              | Double leaf outward opening security doorset                               | 2.0                                   | 2.5                                   | 1.4                                  | 2.4                                  | 3                            |               |
| Epsilon 3    | Single leaf outward opening security doorset with side and overhead panels | 2.18                                  | 3.0                                   | 1.146                                | 1.9                                  | 3                            | 1135a/07      |
|              | Double leaf outward opening security doorset with side and overhead panels | 2.18                                  | 3.0                                   | 1.972                                | 2.6                                  | 3                            |               |
| Apeiron 4    | Single leaf outward opening security doorset                               | 2.0                                   | 2.5                                   | 0.8                                  | 1.5                                  | 4                            | 1135a/04      |
|              | Double leaf outward opening security doorset                               | 2.0                                   | 2.5                                   | 1.4                                  | 2.4                                  | 4                            |               |

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Certificate No: 1115a to LPS 1175: Issue 7

# PART 4: SECTION 5.1

## SECURITY DOORSETS

### Hinged Security Doorsets

| Product Name   | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Heavy Duty SR2 | Single leaf outward opening hinged GRP doorset with a plain padlockable leaf                             | 0.918                                 | 3.118                                 | 0.518                                | 1.413                                | 2               | 1115a/01      |
|                | Double leaf outward opening hinged GRP doorset with plain padlockable leaves of equal sizes <sup>1</sup> | 0.918                                 | 3.118                                 | 0.922                                | 2.712                                | 2               |               |
| Heavy Duty SR3 | Single leaf outward opening hinged GRP doorset with a plain padlockable leaf                             | 0.918                                 | 3.118                                 | 0.518                                | 1.413                                | 3               | 1115a/02      |
|                | Double leaf outward opening hinged GRP doorset with plain padlockable leaves of equal sizes <sup>1</sup> | 0.918                                 | 3.118                                 | 0.922                                | 2.712                                | 3               |               |
|                | Single leaf outward opening hinged GRP doorset with a plain leaf   | 0.918                                 | 3.118                                 | 0.518                                | 1.413                                | 3               | 1115a/03      |
|                | Double leaf outward opening hinged GRP doorset with plain leaves of equal sizes                          | 0.918                                 | 3.118                                 | 0.922                                | 2.712                                | 3 <sup>2</sup>  |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1147a to LPS 1175: Issue 7

### Hinged Security Doorsets

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Victor       | Single leaf outward opening doorset   | 1.0                                   | 2.43                                  | 0.74                                 | 1.18                                 | 2 <sup>1</sup>  | 1147a/03      |
|              | Single leaf outward opening doorset with side and/or over panels <sup>2</sup>   | 1.0                                   | 3.93                                  | 0.74                                 | 4.18                                 | 2 <sup>1</sup>  |               |
|              | Double leaf outward opening doorset <sup>3</sup>                                | 1.0                                   | 2.43                                  | 1.15                                 | 2.2                                  | 2 <sup>1</sup>  |               |
|              | Double leaf outward opening doorset with side and/or over panels <sup>2,3</sup> | 1.0                                   | 3.93                                  | 1.15                                 | 5.2                                  | 2 <sup>1</sup>  |               |
| Vigilant II  | Single leaf outward opening doorset   | 1.0 <sup>4</sup>                      | 2.93 <sup>5</sup>                     | 0.6 <sup>6</sup>                     | 1.43 <sup>7</sup>                    | 3 <sup>8</sup>  | 1147a/04      |
|              | Single leaf outward opening doorset with removable over panel <sup>2</sup>      | 1.2 <sup>4</sup>                      | 4.13 <sup>5</sup>                     | 0.6 <sup>6</sup>                     | 1.43 <sup>7</sup>                    | 3 <sup>8</sup>  |               |
|              | Single leaf inward opening hinged doorset                                       | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 3 <sup>8</sup>  |               |



**PART 4: SECTION 5.1**

## SECURITY DOORSETS

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Single leaf inward opening hinged doorset with removable over panel <sup>2</sup>                  | 1.2                                   | 4.13                                  | 0.6                                  | 1.43                                 | 3 <sup>8</sup>  |               |
|              | Double leaf outward opening doorset <sup>9</sup>  | 1.0 <sup>4</sup>                      | 2.93 <sup>5</sup>                     | 0.9 <sup>10</sup>                    | 2.6 <sup>11</sup>                    | 3 <sup>8</sup>  |               |
|              | Double leaf outward opening doorset with removable over panel <sup>2</sup>                        | 1.2 <sup>4</sup>                      | 4.13 <sup>5</sup>                     | 0.9 <sup>10</sup>                    | 2.6 <sup>11</sup>                    | 3 <sup>8</sup>  |               |
|              | Double leaf inward opening hinged doorset   | 1.0                                   | 2.93                                  | 0.9                                  | 2.6                                  | 3 <sup>8</sup>  |               |
|              | Double leaf inward opening hinged doorset security doorset with removable over panel <sup>2</sup> | 1.2                                   | 4.13                                  | 0.9                                  | 2.6                                  | 3 <sup>8</sup>  |               |
| Vanquish II  | Single leaf outward opening hinged doorset  | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 4 <sup>8</sup>  | 1147a/05      |
|              | Single leaf outward opening hinged doorset with side and/or over panels <sup>2</sup>              | 1.0                                   | 4.43                                  | 0.6                                  | 2.93                                 | 4 <sup>8</sup>  |               |
|              | Single leaf inward opening hinged doorset   | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 4 <sup>8</sup>  |               |
|              | Single leaf inward opening hinged doorset with side and/or over panels <sup>2</sup>               | 1.0                                   | 4.43                                  | 0.6                                  | 2.93                                 | 4 <sup>8</sup>  |               |
|              | Double leaf outward opening hinged doorset  | 1.0                                   | 2.93                                  | 0.9                                  | 2.6                                  | 4 <sup>8</sup>  |               |
|              | Double leaf outward opening hinged doorset with side and/or over panels <sup>2</sup>              | 1.0                                   | 4.43                                  | 0.9                                  | 4.1                                  | 4 <sup>8</sup>  |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Metador, the trading name of partnership between Seamer UK Limited (company no. 08260888), RHE Trading Limited (company no 08272209), T&HM (company no 09712730)**

Britannia House, John Boyle Road, Middlesbrough TS6 6TY, United Kingdom

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E-mail: [security@metador.com](mailto:security@metador.com) • Website: [www.metador.com](http://www.metador.com)

Certificate No: 1284a to LPS 1175: Issue 7

**Hinged Security Doorsets**

| Product Name      | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-------------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Defender Xtreme 1 | Single leaf outward opening hinged security doorset | 1.8                                   | 2.44                                  | 0.6                                  | 1.44                                 | 1               | 1284a/01      |

## PART 4: SECTION 5.1

### SECURITY DOORSETS

| Product Name      | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-------------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|                   | Double leaf outward opening hinged security doorset <sup>1</sup>                            | 1.8                                   | 2.44                                  | 1.1                                  | 2.8                                  | 1               |               |
|                   | Single leaf outward opening hinged security doorset incorporating overpanels <sup>2</sup>   | 2.29                                  | 3.44                                  | 0.6                                  | 1.44                                 | 1               |               |
|                   | Double leaf outward opening hinged security doorset incorporating overpanels <sup>1,2</sup> | 2.29                                  | 3.44                                  | 1.1                                  | 2.8                                  | 1               |               |
| Defender Xtreme 2 | Single leaf outward opening hinged security doorset   | 1.8                                   | 2.44                                  | 0.6                                  | 1.44                                 | 2               | 1284a/02      |
|                   | Double leaf outward opening hinged security doorset <sup>1</sup>                            | 1.8                                   | 2.44                                  | 1.1                                  | 2.8                                  | 2               |               |
|                   | Single leaf outward opening hinged security doorset incorporating overpanels <sup>2</sup>   | 2.29                                  | 3.44                                  | 0.75                                 | 1.3                                  | 2               |               |
|                   | Double leaf outward opening hinged security doorset incorporating overpanels <sup>1,2</sup> | 2.29                                  | 3.44                                  | 1.5                                  | 2.2                                  | 2               |               |
| Defender Xtreme 3 | Single leaf outward opening hinged security doorset   | 1.5                                   | 3.06                                  | 0.75                                 | 1.4                                  | 3 <sup>3</sup>  | 1284a/03      |
|                   | Double leaf outward opening hinged security doorset <sup>1</sup>                            | 1.5                                   | 3.06                                  | 1.5                                  | 2.51                                 | 3 <sup>3</sup>  |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1097a to LPS 1175: Issue 7

### Hinged Security Doorsets

| Product Name  | Type <sup>1</sup>   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|---------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Industrial 75 | Single leaf outward opening doorset   | 0.5                                   | 3.0                                   | 0.5                                  | 1.7                                  | 2               | 1097a/02      |
|               | Single leaf outward opening doorset with side and/or over panels <sup>2</sup> | 0.5                                   | 6.0                                   | 0.5                                  | Unlimited                            | 2               |               |
|               | Single leaf inward opening doorset  | 0.5                                   | 3.0                                   | 0.5                                  | 1.7                                  | 2               |               |

**PART 4: SECTION 5.1**

## SECURITY DOORSETS

| Product Name | Type <sup>1</sup>  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Single leaf inward opening doorset with side and/or over panels <sup>2</sup>               | 0.5                                   | 6.0                                   | 0.5                                  | Unlimited                            | 2               |               |
|              | Double leaf outward opening doorset <sup>3</sup>   | 0.5                                   | 2.35                                  | 0.7                                  | 3.3                                  | 2               |               |
|              | Double leaf outward opening doorset <sup>3</sup> with side and/or over panels <sup>2</sup> | 0.5                                   | 6.0                                   | 0.7                                  | Unlimited                            | 2               |               |
|              | Double leaf inward opening doorset <sup>3</sup>  | 0.5                                   | 2.35                                  | 0.7                                  | 3.3                                  | 2               |               |
|              | Double leaf inward opening doorset <sup>3</sup> with side and/or over panels <sup>2</sup>  | 0.5                                   | 6.0                                   | 0.7                                  | Unlimited                            | 2               |               |
| Jansen 75    | Single leaf outward opening doorset  | 0.542                                 | 3.119                                 | 0.418                                | 1.818                                | 2               | 1097a/03      |
|              | Single leaf outward opening doorset with side and/or over panels <sup>2</sup>              | 0.542                                 | 6.0                                   | 0.418                                | Unlimited                            | 2               |               |
|              | Single leaf inward opening doorset   | 0.542                                 | 3.119                                 | 0.418                                | 1.818                                | 2               |               |
|              | Single leaf inward opening doorset with side and/or over panels <sup>2</sup>               | 0.542                                 | 6.0                                   | 0.418                                | Unlimited                            | 2               |               |
|              | Double leaf outward opening doorset <sup>3</sup>   | 0.582                                 | 2.35                                  | 0.754                                | 3.404                                | 2               |               |
|              | Double leaf outward opening doorset <sup>3</sup> with side and/or over panels <sup>2</sup> | 0.582                                 | 6.0                                   | 0.754                                | Unlimited                            | 2               |               |
|              | Double leaf inward opening doorset <sup>3</sup>  | 0.582                                 | 2.35                                  | 0.754                                | 3.404                                | 2               |               |
|              | Double leaf inward opening doorset <sup>3</sup> with side and/or over panels <sup>2</sup>  | 0.582                                 | 6.0                                   | 0.754                                | Unlimited                            | 2               |               |
| Jansen FR 75 | Single leaf outward opening doorset  | 0.571                                 | 3.071                                 | 0.421                                | 1.695                                | 2               | 1097a/04      |
|              | Single leaf inward opening doorset   | 0.571                                 | 3.071                                 | 0.421                                | 1.695                                | 2               |               |
|              | Double leaf outward opening doorset <sup>3</sup>   | 0.571                                 | 2.35                                  | 0.752                                | 3.302                                | 2               |               |
|              | Double leaf inward opening doorset <sup>3</sup>  | 0.571                                 | 2.35                                  | 0.752                                | 3.302                                | 2               |               |
| Jansen TB 75 | Single leaf outward opening doorset  | 0.569                                 | 3.069                                 | 0.427                                | 1.702                                | 2               | 1097a/06      |
|              | Single leaf outward opening doorset with side and/or over panels <sup>2</sup>              | 0.569                                 | 6.0                                   | 0.427                                | Unlimited                            | 2               |               |

# PART 4: SECTION 5.1

## SECURITY DOORSETS

| Product Name | Type <sup>1</sup>  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Single leaf inward opening doorset   | 0.569                                 | 3.069                                 | 0.429                                | 1.704                                | 2               |               |
|              | Single leaf inward opening doorset with side and/or over panels <sup>2</sup>               | 0.569                                 | 6.0                                   | 0.429                                | Unlimited                            | 2               |               |
|              | Double leaf outward opening doorset <sup>3</sup>   | 0.569                                 | 2.421                                 | 0.752                                | 3.302                                | 2               |               |
|              | Double leaf outward opening doorset <sup>3</sup> with side and/or over panels <sup>2</sup> | 0.569                                 | 6.0                                   | 0.752                                | Unlimited                            | 2               |               |
|              | Double leaf inward opening doorsets <sup>3</sup>   | 0.569                                 | 2.421                                 | 0.752                                | 3.302                                | 2               |               |
|              | Double leaf inward opening doorset <sup>3</sup> with side and/or over panels <sup>2</sup>  | 0.569                                 | 6.0                                   | 0.752                                | Unlimited                            | 2               |               |
| SBD2         | Single leaf outward opening doorset  | 1.2                                   | 2.067                                 | 0.52                                 | 1.22                                 | 2               | 1097a/01      |
|              | Single leaf outward opening doorset with side and/or over panels <sup>2</sup>              | 1.2 <sup>4</sup>                      | 6.0                                   | 0.52                                 | 6.0                                  | 2               |               |
|              | Single leaf inward opening doorset   | 1.2                                   | 2.067                                 | 0.52                                 | 1.22                                 | 2               |               |
|              | Single leaf inward opening doorset with side and/or over panels <sup>2</sup>               | 1.2 <sup>4</sup>                      | 6.0                                   | 0.52                                 | 6.0                                  | 2               |               |
| SBD D-75     | Single leaf outward opening doorset  | 0.579                                 | 3.139                                 | 0.526                                | 1.926                                | 2               | 1097a/05      |
|              | Single leaf outward opening doorset with side and/or over panels <sup>2</sup>              | 0.579                                 | 6.0                                   | 0.526                                | Unlimited                            | 2               |               |
|              | Single leaf inward opening doorset   | 0.579                                 | 3.139                                 | 0.526                                | 1.926                                | 2               |               |
|              | Single leaf inward opening doorset with side and/or over panels <sup>2</sup>               | 0.579                                 | 6.0                                   | 0.526                                | Unlimited                            | 2               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 1097c to LPS 2081: Issue 1

### Hinged Security Doorsets

| Product Name  | Type <sup>1</sup>                   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|---------------|-------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Industrial 81 | Single leaf outward opening doorset | 0.5                                   | 3.0                                   | 0.5                                  | 1.7                                  | B               | 1097c/01      |

**PART 4: SECTION 5.1**  
SECURITY DOORSETS

| Product Name | Type <sup>1</sup>  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Single leaf outward opening doorset with side and/or over panels <sup>2</sup>              | 0.5                                   | 6.0                                   | 0.5                                  | Unlimited                            | B               |               |
|              | Single leaf inward opening doorset   | 0.5                                   | 3.0                                   | 0.5                                  | 1.7                                  | B               |               |
|              | Single leaf inward opening doorset with side and/or over panels <sup>2</sup>               | 0.5                                   | 6.0                                   | 0.5                                  | Unlimited                            | B               |               |
|              | Double leaf outward opening doorset <sup>3</sup>   | 0.5                                   | 2.35                                  | 0.7                                  | 3.3                                  | B               |               |
|              | Double leaf outward opening doorset <sup>3</sup> with side and/or over panels <sup>2</sup> | 0.5                                   | 6.0                                   | 0.7                                  | Unlimited                            | B               |               |
|              | Double leaf inward opening doorset <sup>3</sup>  | 0.5                                   | 2.35                                  | 0.7                                  | 3.3                                  | B               |               |
|              | Double leaf inward opening doorset <sup>3</sup> with side and/or over panels <sup>2</sup>  | 0.5                                   | 6.0                                   | 0.7                                  | Unlimited                            | B               |               |
| Jansen 81    | Single leaf outward opening doorset  | 0.542                                 | 3.119                                 | 0.418                                | 1.818                                | B               | 1097c/02      |
|              | Single leaf outward opening doorset with side and/or over panels <sup>2</sup>              | 0.542                                 | 6.0                                   | 0.418                                | Unlimited                            | B               |               |
|              | Single leaf inward opening doorset   | 0.542                                 | 3.119                                 | 0.418                                | 1.818                                | B               |               |
|              | Single leaf inward opening doorset with side and/or over panels <sup>2</sup>               | 0.542                                 | 6.0                                   | 0.418                                | Unlimited                            | B               |               |
|              | Double leaf outward opening doorset <sup>3</sup>   | 0.582                                 | 2.35                                  | 0.754                                | 3.404                                | B               |               |
|              | Double leaf outward opening doorset <sup>3</sup> with side and/or over panels <sup>2</sup> | 0.582                                 | 6.0                                   | 0.754                                | Unlimited                            | B               |               |
|              | Double leaf inward opening doorset <sup>3</sup>  | 0.582                                 | 2.35                                  | 0.754                                | 3.404                                | B               |               |
|              | Double leaf inward opening doorset <sup>3</sup> with side and/or over panels <sup>2</sup>  | 0.582                                 | 6.0                                   | 0.754                                | Unlimited                            | B               |               |
| Jansen FR 81 | Single leaf outward opening doorset  | 0.571                                 | 3.071                                 | 0.421                                | 1.695                                | B               | 1097c/03      |
|              | Single leaf inward opening doorset   | 0.571                                 | 3.071                                 | 0.421                                | 1.695                                | B               |               |
|              | Double leaf outward opening doorset <sup>3</sup>   | 0.571                                 | 2.35                                  | 0.752                                | 3.302                                | B               |               |
|              | Double leaf inward opening doorset <sup>3</sup>  | 0.571                                 | 2.35                                  | 0.752                                | 3.302                                | B               |               |

# PART 4: SECTION 5.1

## SECURITY DOORSETS

| Product Name | Type <sup>1</sup>  | Minimum Structural Opening Height (m)   | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |   |          |
|--------------|--|---|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|---|----------|
| Jansen TB 81 | Single leaf outward opening doorset  | 0.569   | 3.069                                 | 0.427                                | 1.702                                | B               | 1097c/04      |   |          |
|              | Single leaf outward opening doorset with side and/or over panels <sup>2</sup>              | 0.569   | 6.0                                   | 0.427                                | Unlimited                            | B               |               |   |          |
|              | Single leaf inward opening doorset   | 0.569   | 3.069                                 | 0.429                                | 1.704                                | B               |               |   |          |
|              | Single leaf inward opening doorset with side and/or over panels <sup>2</sup>               | 0.569   | 6.0                                   | 0.429                                | Unlimited                            | B               |               |   |          |
|              | Double leaf outward opening doorset <sup>3</sup>   | 0.569   | 2.421                                 | 0.752                                | 3.302                                | B               |               |   |          |
|              | Double leaf outward opening doorset <sup>3</sup> with side and/or over panels <sup>2</sup> | 0.569   | 6.0                                   | 0.752                                | Unlimited                            | B               |               |   |          |
|              | Double leaf inward opening doorset <sup>3</sup>  | 0.569   | 2.421                                 | 0.752                                | 3.302                                | B               |               |   |          |
|              | Double leaf inward opening doorset <sup>3</sup> with side and/or over panels <sup>2</sup>  | 0.569   | 6.0                                   | 0.752                                | Unlimited                            | B               |               |   |          |
|              | SBD2-81  | Single leaf outward opening doorset   | 1.2                                   | 2.067                                | 0.52                                 | 1.22            |               | B | 1097c/05 |
|              |  | Single leaf outward opening doorset with side and/or over panels <sup>2</sup> | 1.2 <sup>4</sup>                      | 6.0                                  | 0.52                                 | 6.0             |               | B |          |
|              |  | Single leaf inward opening doorset  | 1.2                                   | 2.067                                | 0.52                                 | 1.22            |               | B |          |
|              |  | Single leaf inward opening doorset with side and/or over panels <sup>2</sup>  | 1.2 <sup>4</sup>                      | 6.0                                  | 0.52                                 | 6.0             |               | B |          |
|              |  | Single leaf outward opening doorset   | 0.579                                 | 3.139                                | 0.526                                | 1.926           |               | B |          |
| SBD D-81     | Single leaf outward opening doorset with side and/or over panels <sup>2</sup>              | 0.579   | 6.0                                   | 0.526                                | Unlimited                            | B               |               |   |          |
|              | Single leaf inward opening doorset   | 0.579   | 3.139                                 | 0.526                                | 1.926                                | B               |               |   |          |
|              | Single leaf inward opening doorset with side and/or over panels <sup>2</sup>               | 0.579   | 6.0                                   | 0.526                                | Unlimited                            | B               |               |   |          |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1066a to LPS 1175: Issue 7

**Hinged Security Doorsets**

| Product Name      | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-------------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Prestige Secure 1 | Single leaf inward opening hinged security doorset  | 0.5                                   | 2.085                                 | 0.4                                  | 1.015                                | 1               | 1066a/02      |
|                   | Single leaf outward opening hinged security doorset | 0.5                                   | 2.085                                 | 0.4                                  | 1.015                                | 1               |               |
| Prestige Secure 2 | Single leaf inward opening hinged security doorset  | 0.5                                   | 2.085                                 | 0.4                                  | 1.015                                | 2               | 1066a/01      |
|                   | Single leaf outward opening hinged security doorset | 0.5                                   | 2.085                                 | 0.4                                  | 1.015                                | 2               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Pro-protect GRP Enclosures Limited**

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E-mail: info@protectgrp.co.uk • Website: www.protectgrp.com

Certificate No: 1328b to LPS 1175: Issue 7

**Hinged Security Doorsets**

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Defender     | Single leaf outward opening GRP doorset             | 0.65                                  | 2.20                                  | 0.4                                  | 1.5                                  | 3 <sup>1</sup>  | 1328b/01      |
|              | Single leaf outward opening padlockable GRP doorset | 0.80                                  | 2.65                                  | 0.6                                  | 1.7                                  | 3 <sup>1</sup>  |               |
|              | Double leaf outward opening GRP doorset             | 0.65                                  | 2.20                                  | 0.8                                  | 2.5                                  | 3 <sup>1</sup>  |               |
|              | Double leaf outward opening padlockable GRP doorset | 0.80                                  | 2.65                                  | 1.0                                  | 2.7                                  | 3 <sup>1</sup>  |               |
|              |   |                                       |                                       |                                      |                                      |                 |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

# PART 4: SECTION 5.1

## SECURITY DOORSETS

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Certificate No: 953d to LPS 1175: Issue 7

### Hinged Security Doorsets

| Product Name  | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|---|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Hercules Lite SR2   | Single leaf outward opening hinged security doorset  | 0.6                                   | 2.75                                  | 0.6                                  | 1.3                                  | 2               | 953d/06       |
|   | Single leaf outward opening hinged security doorset with over panels   | 1.1                                   | 4.25                                  | 0.6                                  | 1.3                                  | 2               |               |
|   | Double leaf outward opening hinged security doorset <sup>1</sup>   | 0.6                                   | 2.75                                  | 1.2                                  | 2.5                                  | 2               |               |
|   | Double leaf outward opening hinged security doorset with over panels <sup>1</sup>  | 1.1                                   | 4.25                                  | 1.2                                  | 2.5                                  | 2               |               |
| Hercules Lite SR3   | Single leaf outward opening hinged security doorset  | 0.6                                   | 2.75                                  | 0.6                                  | 1.3                                  | 3               | 953d/07       |
|   | Single leaf outward opening hinged security doorset with over panels   | 1.1                                   | 4.25                                  | 0.6                                  | 1.3                                  | 3               |               |
|   | Double leaf outward opening hinged security doorset <sup>1</sup>   | 0.6                                   | 2.75                                  | 1.2                                  | 2.5                                  | 3               |               |
|   | Double leaf outward opening hinged security doorset with over panels <sup>1</sup>  | 1.1                                   | 4.25                                  | 1.2                                  | 2.5                                  | 3               |               |
| MK.II Hercules SAF 3  | Single leaf, outward opening hinged security doorset fitted with single point locking hardware                                 | 0.6 <sup>2</sup>                      | 3.15 <sup>2</sup>                     | 0.688                                | 1.508                                | 3               | 953d/02       |
|   | Single leaf, outward opening hinged security doorset fitted with multi-point locking hardware                                  | 1.11 <sup>2</sup>                     | 3.15 <sup>2,3</sup>                   | 0.688                                | 1.508                                | 3               |               |
|   | Double leaf, outward opening hinged security doorset fitted with single point locking hardware on the active leaf <sup>1</sup> | 0.6 <sup>2</sup>                      | 3.15 <sup>2,3</sup>                   | 1.288                                | 3.0                                  | 3               |               |
|   | Double leaf, outward opening hinged security doorset fitted with multi-point locking hardware on the active leaf <sup>1</sup>  | 1.11 <sup>2</sup>                     | 3.15 <sup>2,3</sup>                   | 1.288                                | 3.0 <sup>4</sup>                     | 3               |               |
|   | Single leaf, outward opening hinged security doorset fitted with single point locking hardware                                 | 0.6 <sup>2</sup>                      | 3.15 <sup>2</sup>                     | 0.688                                | 1.508                                | 4               |               |
| Single leaf, outward opening hinged security doorset fitted with multi-point locking hardware | 1.11 <sup>2</sup>  | 3.15 <sup>2,5</sup>                   | 0.688                                 | 1.508 <sup>5</sup>                   | 4                                    |                 |               |



**PART 4: SECTION 5.1****SECURITY DOORSETS**

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Double leaf, outward opening hinged security doorset fitted with single point locking hardware on the active leaf <sup>1</sup> | 0.6 <sup>2</sup>                      | 3.15 <sup>2</sup>                     | 1.288                                | 3.0                                  | 4               |               |
|              | Double leaf, outward opening hinged security doorset fitted with multi-point locking hardware on the active leaf <sup>1</sup>  | 1.11 <sup>2</sup>                     | 3.15 <sup>2,6</sup>                   | 1.288                                | 3.0 <sup>6</sup>                     | 4               |               |
| Taurus SAF 3 | Single leaf outward opening padlockable hinged security doorset  | 0.6 <sup>2</sup>                      | 2.92 <sup>2</sup>                     | 0.688                                | 1.508                                | 3               | 953d/04       |
|              | Double leaf outward opening padlockable hinged security doorset  | 0.6 <sup>2</sup>                      | 2.92 <sup>2</sup>                     | 1.288                                | 2.858                                | 3               |               |
| Taurus SAF 4 | Single leaf outward opening padlockable hinged security doorset  | 0.6 <sup>2</sup>                      | 2.92 <sup>2</sup>                     | 0.688                                | 1.508                                | 4               | 953d/05       |
|              | Double leaf outward opening padlockable hinged security doorset  | 0.6 <sup>2</sup>                      | 2.92 <sup>2</sup>                     | 1.288                                | 2.858                                | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 953k to LPS 1175: Issue 7**

***Hinged Louvred Security Doorsets***

| Product Name         | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating <sup>1</sup> | LPCB Ref. No. |
|----------------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|------------------------------|---------------|
| Herculouvre Door SR2 | Single leaf outward opening hinged louvred doorset              | 1.06                                  | 3.0                                   | 0.6                                  | 1.55                                 | 2                            | 953k/01       |
|                      | Double leaf outward opening hinged louvred doorset <sup>2</sup> | 1.06                                  | 3.0                                   | 1.2                                  | 3.0                                  | 2                            |               |
| Herculouvre Door SR3 | Single leaf outward opening hinged louvred doorset              | 1.06                                  | 3.0                                   | 0.6                                  | 1.55                                 | 3                            | 953k/02       |
|                      | Double leaf outward opening hinged louvred doorset <sup>2</sup> | 1.06                                  | 3.0                                   | 1.2                                  | 3.0                                  | 3                            |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 953x to LPS 1175: Issue 8**

# PART 4: SECTION 5.1

## SECURITY DOORSETS

### Hinged Security Doorsets

| Product Name         | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Mk.II Hercules SAF 4 | Single leaf outward opening hinged security doorset fitted with single point locking hardware                    | 0.6                                   | 3.15                                  | 0.688                                | 1.508                                | D10 (SR4)       | 953x/01       |
|                      | Single leaf outward opening hinged security doorset fitted with multi-point locking hardware                     | 1.11                                  | 3.15                                  | 0.688                                | 1.508                                | D10 (SR4)       |               |
|                      | Double leaf outward opening hinged security doorset fitted with single point locking hardware on the active leaf | 0.6                                   | 3.15                                  | 1.288                                | 3.0                                  | D10 (SR4)       |               |
|                      | Double leaf outward opening hinged security doorset fitted with multi-point locking hardware on the active leaf  | 1.11                                  | 3.15                                  | 1.288                                | 3.0                                  | D10 (SR4)       |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 953w to LPS 1175: Issue 8

### Hinged Security Doorsets

| Product Name    | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-----------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Hercules Lite 2 | Single leaf outward opening hinged security doorset                 | 0.6                                   | 2.75                                  | 0.6                                  | 1.3                                  | B3 (SR2)        | 953w/01       |
|                 | Single leaf outward opening hinged security doorset with overpanels | 1.1                                   | 4.25                                  | 0.6                                  | 1.3                                  | B3 (SR2)        |               |
|                 | Double leaf outward opening hinged security doorset                 | 0.6                                   | 2.75                                  | 1.2                                  | 2.5                                  | B3 (SR2)        |               |
|                 | Double leaf outward opening hinged security doorset with overpanels | 1.1                                   | 4.25                                  | 1.2                                  | 2.5                                  | B3 (SR2)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 953y to LPS 1175: Issue 8

### Hinged Security Doorsets

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Taurus SAF 4 | Single leaf outward opening padlockable hinged security doorset | 0.6                                   | 2.92                                  | 0.688                                | 1.508                                | D10 (SR4)       | 953y/01       |

**PART 4: SECTION 5.1****SECURITY DOORSETS**

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Double leaf outward opening padlockable hinged security doorset | 0.6                                   | 2.92                                  | 1.288                                | 2.85                                 | D10 (SR4)       |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 953z to LPS 1175: Issue 8**

**Hinged Louvred Security Doorsets**

| Product Name       | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Herculouvre Door 2 | Single leaf outward opening hinged louvred doorset | 1.06                                  | 3.0                                   | 0.6                                  | 1.55                                 | B3 (SR2)        | 953z/01       |
|                    | Double leaf outward opening hinged louvred doorset | 1.06                                  | 3.0                                   | 1.2                                  | 3.0                                  | B3 (SR2)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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**Certificate No: 1034b to LPS 1175: Issue 7**

**Hinged Security Doorsets**

| Product Name     | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating <sup>1</sup> | LPCB Ref. No. |
|------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|------------------------------|---------------|
| Security Evo III | Single leaf outward opening hinged security doorset              | 1.8                                   | 2.75                                  | 0.8                                  | 1.4                                  | 3                            | 1034b/04      |
|                  | Double leaf outward opening hinged security doorset <sup>2</sup> | 1.8                                   | 2.75                                  | 1.4                                  | 2.785                                | 3                            |               |
| Security Evo IV  | Single leaf outward opening hinged security doorset              | 1.8                                   | 2.75                                  | 0.8                                  | 1.4                                  | 4                            | 1034b/01      |
|                  | Double leaf outward opening hinged security doorset <sup>2</sup> | 1.8                                   | 2.75                                  | 1.4                                  | 2.785                                | 4                            |               |

## PART 4: SECTION 5.1

### SECURITY DOORSETS

| Product Name    | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating <sup>1</sup> | LPCB Ref. No. |
|-----------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|------------------------------|---------------|
| Security Evo V  | Single leaf outward opening hinged security doorset              | 1.8                                   | 2.53                                  | 0.8                                  | 1.4                                  | 5                            | 1034b/02      |
|                 | Double leaf outward opening hinged security doorset <sup>2</sup> | 1.8                                   | 2.53                                  | 1.4                                  | 2.785                                | 5                            |               |
| Security Evo VI | Single leaf outward opening hinged security doorset              | 1.8                                   | 2.53                                  | 0.8                                  | 1.4                                  | 6                            | 1034b/03      |
|                 | Double leaf outward opening hinged security doorset <sup>2</sup> | 1.8                                   | 2.53                                  | 1.4                                  | 2.785                                | 6                            |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1547a to LPS 1175: Issue 7

### Hinged Security Doorsets

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Rhino-HF+2   | Single leaf outward opening security doorset  | 1.0                                   | 2.43                                  | 0.74                                 | 1.18                                 | 2 <sup>1</sup>  | 1547a/01      |
|              | Single leaf outward opening security doorset with side and/or overpanels              | 1.0                                   | 3.93                                  | 0.74                                 | 4.18                                 | 2 <sup>1</sup>  |               |
|              | Double leaf outward opening security doorset <sup>2</sup>                             | 1.0                                   | 2.43                                  | 1.15                                 | 2.20                                 | 2 <sup>1</sup>  |               |
|              | Double leaf outward opening security doorset with side and/or overpanels <sup>2</sup> | 1.0                                   | 3.39                                  | 1.15                                 | 5.20                                 | 2 <sup>1</sup>  |               |
| Rhino-WT+2   | Single leaf outward opening security doorset  | 1.4                                   | 2.45                                  | 0.8                                  | 1.4                                  | 2               | 1547a/02      |
|              | Double leaf outward opening security doorset <sup>3</sup>                             | 1.4                                   | 2.45                                  | 1.3                                  | 2.7                                  | 2               |               |
| Rhino-HF+3   | Single leaf outward opening security doorset  | 1.0 <sup>4</sup>                      | 2.93 <sup>5</sup>                     | 0.6 <sup>6</sup>                     | 1.43 <sup>7</sup>                    | 3 <sup>8</sup>  | 1547a/03      |
|              | Single leaf outward opening security doorset with removeable overpanel                | 1.2 <sup>4</sup>                      | 4.13 <sup>5</sup>                     | 0.6 <sup>6</sup>                     | 1.43 <sup>7</sup>                    | 3 <sup>8</sup>  |               |

**PART 4: SECTION 5.1**

## SECURITY DOORSETS

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Single leaf inward opening security doorset                              | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 3 <sup>8</sup>  |               |
|              | Single leaf inward opening security doorset with removeable overpanel    | 1.2                                   | 4.13                                  | 0.6                                  | 1.43                                 | 3 <sup>8</sup>  |               |
|              | Double leaf outward opening security doorset <sup>3</sup>                | 1.0 <sup>4</sup>                      | 2.93 <sup>5</sup>                     | 0.9 <sup>9</sup>                     | 2.6 <sup>10</sup>                    | 3 <sup>8</sup>  |               |
|              | Double leaf outward opening security doorset with removeable overpanel   | 1.2 <sup>4</sup>                      | 4.13 <sup>5</sup>                     | 0.9 <sup>9</sup>                     | 2.6 <sup>10</sup>                    | 3 <sup>8</sup>  |               |
|              | Double leaf inward opening security doorset                              | 1.0                                   | 2.93                                  | 0.9                                  | 2.6                                  | 3 <sup>8</sup>  |               |
|              | Double leaf inward opening security doorset with removeable overpanel    | 1.2                                   | 4.13                                  | 0.9                                  | 2.6                                  | 3 <sup>8</sup>  |               |
| Rhino-WT+3   | Single leaf outward opening security doorset                             | 1.4                                   | 2.45                                  | 0.8                                  | 1.4                                  | 3               | 1547a/04      |
|              | Double leaf outward opening security doorset <sup>3</sup>                | 1.4                                   | 2.45                                  | 1.3                                  | 2.7                                  | 3               |               |
| Rhino-HF+4   | Single leaf outward opening security doorset                             | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 4 <sup>11</sup> | 1547a/05      |
|              | Single leaf outward opening security doorset with side and/or overpanels | 1.0                                   | 4.43                                  | 0.6                                  | 2.93                                 | 4 <sup>11</sup> |               |
|              | Single leaf inward opening security doorset                              | 1.0                                   | 2.93                                  | 0.6                                  | 1.43                                 | 4 <sup>11</sup> |               |
|              | Single leaf inward opening security doorset with side and/or overpanels  | 1.0                                   | 4.43                                  | 0.6                                  | 2.93                                 | 4 <sup>11</sup> |               |
|              | Double leaf outward opening security doorset <sup>3</sup>                | 1.0                                   | 2.93                                  | 0.9                                  | 2.6                                  | 4 <sup>11</sup> |               |
|              | Double leaf outward opening security doorset with side and/or overpanels | 1.0                                   | 4.43                                  | 0.9                                  | 4.1                                  | 4 <sup>11</sup> |               |
| Rhino-WT+4   | Single leaf outward opening security doorset                             | 1.4                                   | 2.45                                  | 0.8                                  | 1.4                                  | 4               | 1547a/06      |
|              | Double leaf outward opening security doorset <sup>3</sup>                | 1.4                                   | 2.45                                  | 1.3                                  | 2.7                                  | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

# PART 4: SECTION 5.1

## SECURITY DOORSETS

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Certificate No: 1070a to LPS 1175: Issue 7

### Hinged Security Doorsets

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| TUFF-DOR2    | Single leaf outward opening hinged security doorset                                 | 1.5                                   | 2.6 <sup>1</sup>                      | 0.5                                  | 1.25                                 | 2               | 1070a/01      |
|              | Single leaf outward opening hinged security doorset with overpanel                  | 1.924                                 | 4.61 <sup>1</sup>                     | 0.5                                  | 1.25                                 | 2               |               |
|              | Double leaf outward opening hinged security doorset                                 | 1.5                                   | 2.6 <sup>1</sup>                      | 1.3                                  | 2.5                                  | 2               |               |
|              | Double leaf outward opening hinged security doorset with overpanel                  | 1.924                                 | 4.61 <sup>1</sup>                     | 1.3                                  | 2.5                                  | 2               |               |
| TUFF-DOR3    | Single leaf outward opening hinged security doorset                                 | 1.8                                   | 2.5                                   | 0.7                                  | 1.3                                  | 3               | 1070a/02      |
|              | Double leaf outward opening hinged security doorset with unequal leafs <sup>2</sup> | 1.8                                   | 2.5                                   | 1.3                                  | 1.8                                  | 3               |               |
|              | Double leaf outward opening hinged security doorset with equal leafs                | 1.8                                   | 2.5                                   | 1.3                                  | 2.5                                  | 3               |               |
| TUFF-DOR4    | Single leaf outward opening hinged security doorset                                 | 1.8                                   | 2.5 <sup>3</sup>                      | 0.7                                  | 1.3                                  | 4               | 1070a/03      |
|              | Double leaf outward opening hinged security doorset with unequal leafs <sup>2</sup> | 1.8                                   | 2.5 <sup>3</sup>                      | 1.3                                  | 1.8                                  | 4               |               |
|              | Double leaf outward opening hinged security doorset with equal leafs                | 1.8                                   | 2.5 <sup>3</sup>                      | 1.3                                  | 2.5                                  | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 835a to LPS 1175: Issue 6

**Hinged Security Doorsets**

| Product Name     | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Safe Doorset SR1 | Single leaf outward opening hinged security timber doorset | 1.8                                   | 2.0                                   | 0.675                                | 0.825                                | 1               | 835a/01       |
| Safe Doorset SR2 | Single leaf outward opening hinged security timber doorset | 1.8                                   | 2.0                                   | 0.675                                | 0.825                                | 2 <sup>1</sup>  | 835a/02       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 516c to LPS 1175: Issue 7

**Hinged Security Doorsets**

| Product Name | Type <sup>1</sup>                   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) <sup>2</sup> | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating <sup>3</sup> | LPCB Ref. No. |
|--------------|-------------------------------------|---------------------------------------|--|--------------------------------------|--------------------------------------|------------------------------|---------------|
| Hendon       | Single leaf inward opening doorset  | 1.0                                   | 3.2 <sup>4</sup>                                   | 0.6                                  | 1.4                                  | 2                            | 516c/01       |
|              | Single leaf outward opening doorset | 1.0                                   | 3.2  | 0.6                                  | 1.4                                  | 2                            |               |
|              | Double leaf inward opening doorset  | 1.0                                   | 3.2  | 1.4                                  | 3.0                                  | 2                            |               |
|              | Double leaf outward opening doorset | 1.0                                   | 3.2 <sup>5</sup>                                   | 1.4                                  | 3.0                                  | 2                            |               |
| Sandhurst    | Single leaf inward opening doorset  | 1.0                                   | 3.2 <sup>6</sup>                                   | 0.6                                  | 1.4                                  | 3                            | 516c/02       |
|              | Single leaf outward opening doorset | 1.0                                   | 3.2  | 0.6                                  | 1.4                                  | 3                            |               |

# PART 4: SECTION 5.1

## SECURITY DOORSETS

| Product Name | Type <sup>1</sup>                   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) <sup>2</sup> | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating <sup>3</sup> | LPCB Ref. No. |
|--------------|-------------------------------------|---------------------------------------|--|--------------------------------------|--------------------------------------|------------------------------|---------------|
|              | Double leaf inward opening doorset  | 1.0                                   | 3.2 <sup>7</sup>                                   | 1.4                                  | 3.0                                  | 3                            |               |
|              | Double leaf outward opening doorset | 1.0                                   | 3.2  | 1.4                                  | 3.0                                  | 3                            |               |
| Wilton       | Single leaf inward opening doorset  | 1.468                                 | 3.2  | 0.6                                  | 1.4                                  | 4                            | 516c/03       |
|              | Single leaf outward opening doorset | 1.0                                   | 3.2  | 0.6                                  | 1.4                                  | 4                            |               |
|              | Double leaf inward opening doorset  | 1.468                                 | 3.2  | 1.2                                  | 3.0                                  | 4                            |               |
| Halton       | Single leaf inward opening doorset  | 1.468                                 | 3.2  | 0.6                                  | 1.4                                  | 4                            | 516c/04       |
|              | Single leaf outward opening doorset | 1.0                                   | 3.2  | 0.6                                  | 1.4                                  | 4                            |               |
|              | Double leaf inward opening doorset  | 1.468                                 | 3.2  | 1.2                                  | 3.0                                  | 4                            |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 516a to LPS 1175: Issue 5

### Hinged Security Doorsets

| Product Name | Type <sup>1</sup>                                    | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) <sup>2</sup> | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating <sup>3</sup> | LPCB Ref. No. |
|--------------|--|---------------------------------------|--|--------------------------------------|--------------------------------------|------------------------------|---------------|
| Wilton       | Double leaf, outward opening hinged security doorset | 1.9                                   | 3.2  | 1.4                                  | 3.0                                  | 4                            | 516a/06       |
| Halton       | Double leaf, outward opening hinged security doorset | 1.9                                   | 3.2  | 1.4                                  | 3.0                                  | 4                            | 516a/07       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1071d to LPS 1175: Issue 7



**PART 4: SECTION 5.1****SECURITY DOORSETS****Hinged Security Doorsets**

| Product Name                                  | Type   | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|---|--|--------------------|--------------------|-------------------|-------------------|-----------------|---------------|
| Steelway Level 4 Single Leaf Security Doorset | Single leaf outward opening plain leaf doorset | 1.0                | 2.4                | 0.6               | 1.3               | 4               | 1071d/01      |
| Steelway Level 4 Double Leaf Security Doorset | Double leaf outward opening plain leaf doorset | 1.0                | 2.4                | 1.2               | 2.6               | 4               | 1071d/02      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 1071a to LPS 1175: Issue 7

**Hinged Mesh Panel Security Doorsets**

| Product Name                                       | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Steelway Level 1 Single Leaf Mesh Security Doorset | Single leaf outward opening mesh panel doorset | 1.0                                   | 2.4                                   | 0.6                                  | 1.3                                  | 1               | 1071a/01      |
| Steelway Level 1 Double Leaf Mesh Security Doorset | Double leaf outward opening mesh panel doorset | 1.0                                   | 2.4                                   | 1.2                                  | 2.6                                  | 1               | 1071a/02      |
| Steelway Level 2 Single Leaf Mesh Security Doorset | Single leaf outward opening mesh panel doorset | 1.0                                   | 2.4                                   | 0.6                                  | 1.3                                  | 2               | 1071a/03      |
| Steelway Level 2 Double Leaf Mesh Security Doorset | Double leaf outward opening mesh panel doorset | 1.0                                   | 2.4                                   | 1.2                                  | 2.6                                  | 2               | 1071a/04      |
| Steelway Level 3 Single Leaf Mesh Security Doorset | Single leaf outward opening mesh panel doorset | 1.0                                   | 2.4                                   | 0.6                                  | 1.3                                  | 3               | 1071a/05      |
| Steelway Level 3 Double Leaf Mesh Security Doorset | Double leaf outward opening mesh panel doorset | 1.0                                   | 2.4                                   | 1.2                                  | 2.6                                  | 3               | 1071a/06      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 234d: Part 1 to LPS 1175: Issue 7

**Hinged Security Doorsets**

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| ExecDoor 1   | Single leaf outward opening hinged security doorset              | 1.8                                   | 2.44                                  | 0.6                                  | 1.44                                 | 1               | 234d/17       |
|              | Double leaf outward opening hinged security doorset <sup>2</sup> | 1.8                                   | 2.44                                  | 1.1                                  | 2.8                                  | 1               |               |

# PART 4: SECTION 5.1

## SECURITY DOORSETS

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Single leaf outward opening hinged security doorset incorporating over panels <sup>1</sup>   | 2.29                                  | 3.44                                  | 0.6                                  | 1.44                                 | 1               |               |
|              | Double leaf outward opening hinged security doorset incorporating over panels <sup>1,2</sup> | 2.29                                  | 3.44                                  | 1.1                                  | 2.8                                  | 1               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 234d: Part 2 to LPS 1175: Issue 7

### Hinged Security Doorsets

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| ExecDoor 2   | Single leaf outward opening hinged security doorset   | 1.8                                   | 2.44                                  | 0.6                                  | 1.44                                 | 2               | 234d/03       |
|              | Double leaf outward opening hinged security doorset <sup>2</sup>                            | 1.8                                   | 2.44                                  | 1.1                                  | 2.8                                  | 2               |               |
|              | Single leaf outward opening hinged security doorset incorporating overpanels <sup>1</sup>   | 2.29                                  | 3.44                                  | 0.75                                 | 1.3                                  | 2               |               |
|              | Double leaf outward opening hinged security doorset incorporating overpanels <sup>1,2</sup> | 2.29                                  | 3.44                                  | 1.5                                  | 2.2                                  | 2               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 234d: Part 3 to LPS 1175: Issue 7

### Hinged Security Doorsets

| Product Name    | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-----------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| ExcluDoor 3 Mk2 | Single leaf outward opening hinged security doorset              | 1.8                                   | 3.075 <sup>1</sup>                    | 0.75                                 | 1.24                                 | 3               | 234d/01       |
|                 | Single leaf inward opening hinged security doorset               | 1.8                                   | 3.075 <sup>1</sup>                    | 0.75                                 | 1.24                                 | 3               |               |
|                 | Double leaf outward opening hinged security doorset <sup>2</sup> | 1.8                                   | 3.075 <sup>1</sup>                    | 1.24                                 | 2.4                                  | 3               |               |
|                 | Double leaf inward opening hinged security doorset <sup>2</sup>  | 1.8                                   | 3.075                                 | 1.24                                 | 2.4                                  | 3               |               |

**PART 4: SECTION 5.1****SECURITY DOORSETS**

| Product Name            | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-------------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| ExcluDoor 3<br>Mk3 F.R. | Single leaf<br>outward<br>opening hinged<br>security doorset                 | 1.8                                   | 2.75 <sup>3</sup>                     | 0.75                                 | 1.24                                 | 3               | 234d/13       |
|                         | Double leaf<br>outward<br>opening hinged<br>security<br>doorset <sup>4</sup> | 1.8                                   | 2.75 <sup>3</sup>                     | 1.24                                 | 2.4                                  | 3               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 234d: Part 4 to LPS 1175: Issue 7**

***Hinged Security Doorsets***

| Product Name            | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-------------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| ExcluDoor 4<br>Mk2      | Single leaf<br>outward<br>opening hinged<br>security doorset                 | 1.0 <sup>1</sup>                      | 3.075 <sup>2</sup>                    | 0.75                                 | 1.24                                 | 4 <sup>3</sup>  | 234d/05       |
|                         | Single leaf<br>inward opening<br>hinged security<br>doorset                  | 1.8                                   | 3.075                                 | 0.75                                 | 1.24                                 | 4               |               |
|                         | Double leaf<br>outward<br>opening hinged<br>security<br>doorset <sup>4</sup> | 1.8                                   | 3.075 <sup>2</sup>                    | 1.24                                 | 2.4                                  | 4 <sup>3</sup>  |               |
|                         | Double leaf<br>inward opening<br>hinged security<br>doorset <sup>4</sup>     | 1.8                                   | 3.075                                 | 1.24                                 | 2.4                                  | 4 <sup>3</sup>  |               |
|                         | Single leaf<br>outward<br>opening hinged<br>security doorset                 | 1.8                                   | 2.75 <sup>5</sup>                     | 0.75                                 | 1.24                                 | 4 <sup>3</sup>  |               |
| ExcluDoor 4<br>Mk2 F.R. | Double leaf<br>outward<br>opening hinged<br>security<br>doorset <sup>4</sup> | 1.8                                   | 2.75 <sup>5</sup>                     | 1.24                                 | 2.4                                  | 4 <sup>3</sup>  | 234d/07       |
|                         | Single leaf<br>outward<br>opening hinged<br>security doorset                 | 1.8                                   | 2.75 <sup>5</sup>                     | 1.24                                 | 2.4                                  | 4 <sup>3</sup>  |               |
| ExcluDoor 4<br>Mk3      | Single leaf<br>outward<br>opening hinged<br>security doorset                 | 1.8                                   | 2.4                                   | 0.75                                 | 1.24                                 | 4 <sup>6</sup>  | 234d/11       |
|                         | Double leaf<br>outward<br>opening hinged<br>security<br>doorset <sup>7</sup> | 1.8                                   | 2.4                                   | 1.24                                 | 2.4                                  | 4 <sup>6</sup>  |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 234d: Part 5 to LPS 1175: Issue 7**

# PART 4: SECTION 5.1

## SECURITY DOORSETS

### Hinged Security Doorsets

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| ExcluDoor 5  | Single leaf outward opening hinged security doorset                | 1.8                                   | 2.4                                   | 0.75                                 | 1.24                                 | 5               | 234d/09       |
|              | Double leaf outward opening hinged security doorset <sup>1,2</sup> | 1.8                                   | 2.4                                   | 1.24                                 | 2.4                                  | 5               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 234d: Part 6 to LPS 1175: Issue 7

### Hinged Security Doorsets

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| ExcluDoor 6  | Single leaf outward opening hinged security doorset              | 1.8                                   | 2.4                                   | 0.75                                 | 1.24                                 | 6               | 234d/15       |
|              | Double leaf outward opening hinged security doorset <sup>1</sup> | 1.8                                   | 2.4                                   | 1.24                                 | 2.4                                  | 6               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 234f to LPS 1175: Issue 7

### Hinged Louvred Security Doorsets

| Product Name            | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Minimum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-------------------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| ExcluLouvre® Door 2     | Single leaf outward opening hinged louvred doorset              | 1.0                                   | 2.7 <sup>2</sup>                      | 0.43                                 | 1.5                                  | 2               | 234f/02       |
|                         | Double leaf outward opening hinged louvred doorset <sup>1</sup> | 1.0                                   | 2.7 <sup>2</sup>                      | 0.73                                 | 2.4                                  | 2               |               |
| ExcluLouvre® Door 2 Mk3 | Single leaf outward opening hinged louvred doorset              | 1.0                                   | 2.4                                   | 0.43                                 | 1.5                                  | 2               | 234f/03       |
|                         | Double leaf outward opening hinged louvred doorset <sup>1</sup> | 1.0                                   | 2.4                                   | 0.73                                 | 2.4                                  | 2               |               |
| ExcluLouvre® Door 3     | Single leaf outward opening hinged louvred doorset              | 1.0                                   | 2.4                                   | 0.43                                 | 1.5                                  | 3               | 234f/01       |

**PART 4: SECTION 5.1****SECURITY DOORSETS**

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Double leaf outward opening hinged louvred doorset <sup>1</sup> | 1.0                                   | 2.4                                   | 0.73                                 | 2.4                                  | 3               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 234k to LPS 1175: Issue 7**

**Sliding Security Doorsets**

| Product Name | Type                              | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-----------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| ExcluSlide 2 | Single sliding plain leaf doorset | 1.35                                  | 2.43                                  | 0.65                                 | 1.12                                 | 2               | 234k/01       |
|              | Single sliding louvred doorset    | 1.35                                  | 2.43                                  | 0.65                                 | 1.12                                 | 2               |               |
| ExcluSlide 3 | Single sliding plain leaf doorset | 1.35                                  | 2.43                                  | 0.65                                 | 1.12                                 | 3               | 234k/02       |
|              | Single sliding louvred doorset    | 1.35                                  | 2.43                                  | 0.65                                 | 1.12                                 | 3               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 234m to LPS 1175: Issue 8**

**Louvred Padlockable Doorsets**

| Product Name       | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| HeavyDuty Secure 1 | Single leaf outward opening louvred padlockable doorset                          | 1.0                                   | 2.425                                 | 0.4                                  | 1.465                                | A1 (SR1)        | 234m/01       |
|                    | Single leaf outward opening louvred padlockable doorset incorporating overpanels | 1.1                                   | 3.3                                   | 0.4                                  | 1.465                                | A1 (SR1)        |               |
|                    | Double leaf outward opening louvred padlockable doorset                          | 1.0                                   | 2.425                                 | 1.2                                  | 2.71                                 | A1 (SR1)        |               |
|                    | Double leaf outward opening louvred padlockable doorset incorporating overpanels | 1.1                                   | 3.3                                   | 1.2                                  | 2.71                                 | A1 (SR1)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 234n to LPS 1175: Issue 8**

## PART 4: SECTION 5.1

### SECURITY DOORSETS

#### Louvred Padlockable Doorsets

| Product Name       | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| HeavyDuty Secure 2 | Single leaf outward opening louvred padlockable doorset                          | 1.0                                   | 2.425                                 | 0.4                                  | 1.465                                | B3 (SR2)        | 234n/01       |
|                    | Single leaf outward opening louvred padlockable doorset incorporating overpanels | 1.1                                   | 3.3                                   | 0.4                                  | 1.465                                | B3 (SR2)        |               |
|                    | Double leaf outward opening louvred padlockable doorset                          | 1.0                                   | 2.425                                 | 1.2                                  | 2.71                                 | B3 (SR2)        |               |
|                    | Double leaf outward opening louvred padlockable doorset incorporating overpanels | 1.1                                   | 3.3                                   | 1.2                                  | 2.71                                 | B3 (SR2)        |               |
|                    |  |                                       |                                       |                                      |                                      |                 |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 450j to LPS 1175: Issue 7

#### Hinged Mesh Panel Security Doorsets

| Product Name         | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Ultrasecure SCD1/DV3 | Single leaf outward opening mesh panel doorset | 1.0                                   | 3.0                                   | 0.5                                  | 1.2                                  | 3               | 450j/01       |
| Ultrasecure SCD2/DV3 | Double leaf outward opening mesh panel doorset | 1.0                                   | 3.0                                   | 1.2                                  | 3.0                                  | 3               | 450j/02       |
| Ultrasecure SCD1/DV4 | leaf outward opening mesh panel doorset        | 1.2                                   | 3.0                                   | 0.6                                  | 1.5                                  | 4               | 450j/03       |
| Ultrasecure SCD2/DV4 | Double leaf outward opening mesh panel doorset | 1.2                                   | 3.0                                   | 1.5                                  | 3.0                                  | 4               | 450j/04       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 450f to LPS 1175: Issue 7

#### Hinged Security Doorsets

| Product Name    | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-----------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Sentinel Lite 2 | Single leaf outward opening hinged security doorset | 1.3                                   | 2.41                                  | 0.5                                  | 1.2                                  | 2               | 450f/13       |

# PART 4: SECTION 5.1

## SECURITY DOORSETS

| Product Name         | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Sentinel Lite 3      | Double leaf outward opening hinged security doorset              | 1.3                                   | 2.41                                  | 1.2                                  | 2.3                                  | 2               | 450f/14       |
|                      | Single leaf outward opening padlockable hinged security doorset  | 1.3                                   | 2.41                                  | 0.5                                  | 1.2                                  | 2               | 450f/15       |
|                      | Double leaf outward opening padlockable hinged security doorset  | 1.3                                   | 2.41                                  | 1.2                                  | 2.3                                  | 2               | 450f/16       |
|                      | Single leaf outward opening hinged security doorset              | 1.3                                   | 2.41                                  | 0.5                                  | 1.2                                  | 3               | 450f/17       |
|                      | Double leaf outward opening hinged security doorset              | 1.3                                   | 2.41                                  | 1.2                                  | 2.3                                  | 3               | 450f/18       |
|                      | Single leaf outward opening padlockable hinged security doorset  | 1.3                                   | 2.41                                  | 0.5                                  | 1.2                                  | 3               | 450f/19       |
| Sentinel UltraSecure | Double leaf outward opening padlockable hinged security doorset  | 1.3                                   | 2.41                                  | 1.2                                  | 2.3                                  | 3               | 450f/20       |
|                      | Single leaf outward opening hinged security doorset              | 1.8                                   | 2.35                                  | 0.75                                 | 1.2                                  | 3               | 450f/01       |
|                      | Single leaf outward opening hinged security doorset              | 1.21                                  | 2.35                                  | 0.75                                 | 1.2                                  | 3               | 450f/07       |
|                      | Double <sup>1</sup> leaf outward opening hinged security doorset | 1.8                                   | 2.35                                  | 1.2                                  | 2.185                                | 3 <sup>2</sup>  | 450f/02       |
| DS1                  | Double <sup>1</sup> leaf outward opening hinged security doorset | 1.21                                  | 2.35                                  | 1.2                                  | 2.35                                 | 3 <sup>2</sup>  | 450f/08       |
|                      | Single leaf outward opening padlockable hinged security doorset  | 1.21                                  | 2.42                                  | 0.515                                | 1.215                                | 4               | 450f/11       |
| DS2                  | Double leaf outward opening padlockable hinged security doorset  | 1.21                                  | 2.42                                  | 1.215                                | 2.315                                | 4 <sup>5</sup>  | 450f/12       |
| Sentinel UltraSecure | Single leaf outward opening hinged security doorset              | 1.8                                   | 2.35                                  | 0.75                                 | 1.2                                  | 4               | 450f/03       |
|                      | Single leaf outward opening hinged security doorset              | 1.21                                  | 2.35                                  | 0.75                                 | 1.2                                  | 4               | 450f/09       |
|                      | Double <sup>1</sup> leaf outward opening hinged security doorset | 1.8                                   | 2.35                                  | 1.2                                  | 2.185                                | 4               | 450f/04       |
|                      | Double <sup>1</sup> leaf outward opening hinged security doorset | 1.21                                  | 2.35                                  | 1.2                                  | 2.35                                 | 4               | 450f/10       |
|                      | Single leaf outward opening hinged security doorset              | 1.8                                   | 2.35                                  | 0.75                                 | 1.2                                  | 5               | 450f/05       |
|                      | Double <sup>1</sup> leaf outward opening hinged security doorset | 1.8                                   | 2.35                                  | 1.2                                  | 2.3                                  | 5               | 450f/06       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 450a to LPS 1175: Issue 5**

### ***Hinged Security Doorsets***

| Product Name        | Type  | Minimum Clear Opening Height (m) | Maximum Clear Opening Height (m) | Minimum Clear Opening Width (m) | Maximum Clear Opening Width (m) | Security Rating | LPCB Ref. No. |
|---------------------|---|----------------------------------|----------------------------------|---------------------------------|---------------------------------|-----------------|---------------|
| UltraSecure DS1/DV4 | Single leaf hinged outward opening security doorset | 0.9                              | 2.9                              | 0.5                             | 1.3                             | 4               | 450a/03       |
| UltraSecure DS2/DV4 | Double leaf hinged outward opening security doorset | 0.9                              | 2.9                              | 1.2                             | 2.6                             | 4               | 450a/08       |

## PART 4: SECTION 5.1

### SECURITY DOORSETS

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 450d to LPS 1175: Issue 5

#### Hinged Security Doorsets

| Product Name         | Type  | Minimum Clear Opening Height (m) | Maximum Clear Opening Height (m) | Maximum Clear Opening Width (m) | Maximum Clear Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------------|---|----------------------------------|----------------------------------|---------------------------------|---------------------------------|-----------------|---------------|
| Ultra Secure DS1/DV3 | Single leaf hinged outward opening security doorset | 0.9                              | 2.9                              | 0.5                             | 1.3                             | 3               | 450d/01       |
| Ultra Secure DS1/LS3 | Single leaf hinged outward opening security doorset | 0.9                              | 2.3                              | 0.5                             | 1.1                             | 3               | 450d/02       |
| Ultra Secure DS2/DV3 | Double leaf hinged outward opening security doorset | 0.9                              | 2.9                              | 1.2                             | 2.6                             | 3               | 450d/03       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1476a to LPS 1175: Issue 7

#### Hinged Security Doorsets

| Product Name  | Type                                | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|---------------|-------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Teckentrup 62 | Single leaf inward opening doorset  | 2.0                                   | 4.2                                   | 0.65                                 | 1.576                                | 3               | 1476a/01      |
|               | Single leaf outward opening doorset | 1.0 <sup>1</sup>                      | 4.2 <sup>2</sup>                      | 0.65                                 | 1.576                                | 3               |               |
|               | Double leaf inward opening doorset  | 2.0                                   | 4.2                                   | 1.35                                 | 4.2                                  | 3               |               |
|               | Double leaf outward opening doorset | 2.0                                   | 4.2                                   | 1.35                                 | 4.2                                  | 3               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)



**UK Sales Enquiries**

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Certificate No: 1476b to LPS 1175: Issue 8

**Hinged Security Doorsets**

| Product Name           | Type                                       | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|------------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Teckentrup 62 Secure 1 | Single leaf outward opening hinged doorset | 0.546                                 | 2.546                                 | 0.576                                | 1.576                                | A1 (SR1)        | 1476b/01      |
|                        | Double leaf outward opening hinged doorset | 0.546                                 | 2.546                                 | 1.076                                | 2.576                                | A1 (SR1)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1476c to LPS 1175: Issue 8

**Hinged Security Doorsets**

| Product Name               | Type                                       | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Teckentrup 62 Swing Secure | Single leaf outward opening hinged doorset | 0.546                                 | 2.546                                 | 0.576                                | 1.576                                | A1 (SR1)        | 1476c/01      |
|                            | Double leaf outward opening hinged doorset | 0.546                                 | 2.546                                 | 1.076                                | 2.576                                | A1 (SR1)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 5.1**

### **SECURITY DOORSETS**

#### **UK Sales Enquiries**

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Certificate No: 1476d to LPS 2081: Issue 1

#### **Hinged Security Doorsets**

| Product Name           | Type                                       | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|------------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Teckentrup 62 Secure A | Single leaf outward opening hinged doorset | 0.546                                 | 2.546                                 | 0.576                                | 1.576                                | A               | 1476d/01      |
|                        | Double leaf outward opening hinged doorset | 0.546                                 | 2.546                                 | 1.076                                | 2.576                                | A               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **UK Sales Enquiries**

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Certificate No: 1476e to LPS 1175: Issue 8

#### **Hinged Security Doorsets**

| Product Name           | Type                                       | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|------------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Teckentrup 62 Secure 2 | Single leaf outward opening hinged doorset | 2.0                                   | 3.046                                 | 0.576                                | 1.576                                | B3 (SR2)        | 1476e/01      |
|                        | Double leaf outward opening hinged doorset | 2.0                                   | 3.046                                 | 1.076                                | 3.076                                | B3 (SR2)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**UK Sales Enquiries**

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Certificate No: 1476f to LPS 1175: Issue 8

**Hinged Security Doorsets**

| Product Name               | Type                                       | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Teckentrup 62 Secure 2 FB4 | Single leaf outward opening hinged doorset | 2.0                                   | 3.046                                 | 0.576                                | 1.576                                | B3 (SR2)        | 1476f/01      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**UK Sales Enquiries**

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Certificate No: 1476g to LPS 2081: Issue 1

**Hinged Security Doorsets**

| Product Name           | Type                                       | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|------------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Teckentrup 62 Secure B | Single leaf outward opening hinged doorset | 2.0                                   | 3.046                                 | 0.576                                | 1.576                                | B               | 1476g/01      |
|                        | Double leaf outward opening hinged doorset | 2.0                                   | 3.046                                 | 1.076                                | 3.076                                | B               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**UK Sales Enquiries**

Teckentrup UK Limited, Units 2-4 Opus 9 Industrial Estate, Woburn Road, Winwick Quay, Warrington,  
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Certificate No: 1476h to LPS 2081: Issue 1

## **PART 4: SECTION 5.1**

### **SECURITY DOORSETS**

#### ***Hinged Security Doorsets***

| <b>Product Name</b>        | <b>Type</b>                                | <b>Minimum Structural Opening Height (m)</b> | <b>Maximum Structural Opening Height (m)</b> | <b>Minimum Structural Opening Width (m)</b> | <b>Maximum Structural Opening Width (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|----------------------------|--|--|--|---|---|------------------------|----------------------|
| Teckentrup 62 Secure B FB4 | Single leaf outward opening hinged doorset | 2.0  | 3.046  | 0.576                                       | 1.576                                       | B                      | 1476h/01             |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **UK Sales Enquiries**

Teckentrup UK Limited, Units 2-4 Opus 9 Industrial Estate, Woburn Road, Winwick Quay, Warrington, Cheshire WA2 8UE, United Kingdom

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Certificate No: 1476i to LPS 1175: Issue 8

#### ***Hinged Security Doorsets***

| <b>Product Name</b>    | <b>Type</b>                                | <b>Minimum Structural Opening Height (m)</b> | <b>Maximum Structural Opening Height (m)</b> | <b>Minimum Structural Opening Width (m)</b> | <b>Maximum Structural Opening Width (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|------------------------|--|--|--|---|---|------------------------|----------------------|
| Teckentrup 62 Secure 3 | Single leaf outward opening hinged doorset | 2.0  | 3.046  | 0.576                                       | 1.576                                       | C5 (SR3)               | 1476i/01             |
|                        | Double leaf outward opening hinged doorset | 2.0  | 3.046  | 1.076                                       | 4.2   | C5 (SR3)               |                      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **UK Sales Enquiries**

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Certificate No: 1476j to LPS 1175: Issue 8

#### ***Hinged Security Doorsets***

| <b>Product Name</b>    | <b>Type</b>                                | <b>Minimum Structural Opening Height (m)</b> | <b>Maximum Structural Opening Height (m)</b> | <b>Minimum Structural Opening Width (m)</b> | <b>Maximum Structural Opening Width (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|------------------------|--|--|--|---|---|------------------------|----------------------|
| Teckentrup 62 Secure 4 | Single leaf outward opening hinged doorset | 2.0  | 3.046  | 0.576                                       | 1.576                                       | D10 (SR4)              | 1476j/01             |

**PART 4: SECTION 5.1**

## SECURITY DOORSETS

| Product Name | Type                                       | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
|              | Double leaf outward opening hinged doorset | 2.0                                   | 3.046                                 | 1.076                                | 4.2                                  | D10 (SR4)       |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**The Parkside Group Limited**

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Certificate No: 1117a to LPS 1175: Issue 7 and BS EN 1627: 2011

**Hinged Glazed Security Doorset**

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | LPS 1175: Issue 7 Security Rating | BS EN 1627 Resistance Class <sup>1</sup> | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------------------------|--|---------------|
| Comar 7      | Single leaf bidirectional glazed aluminium doorset with anti-finger trap hinges and two deadlocks on the leading edge <sup>2</sup> | 1.8                                   | 2.37                                  | 0.64                                 | 1.25                                 | 2                                 | 3  | 1117a/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 1117b to BS EN 1627:2011

**Hinged Glazed Security Doorset**

| Product Name                                | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | EN 1627 Resistance Class <sup>1</sup> | LPCB Ref. No. |
|---|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------|
| Comar 7PI Commercial Door (Security Option) | Single leaf bidirectional glazed aluminium doorset with anti-finger trap hinge and two deadlocks on the leading edge <sup>2</sup> | 1.8                                   | 2.37                                  | 0.64                                 | 1.25                                 | 3                                     | 1117b/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 5.1**

### **SECURITY DOORSETS**

#### **Tortero & Re S.p.A.**

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Certificate No: 1056a to LPS 1175: Issue 7

#### **Hinged Security Doorsets**

| Product Name  | Type  | Minimum Nominal Structural Opening Height (m) | Maximum Nominal Structural Opening Height (m) | Minimum Nominal Structural Opening Width (m) | Maximum Nominal Structural Opening Width (m) | Security Rating <sup>1</sup> | LPCB Ref. No. |
|---------------|---|---|---|--|--|------------------------------|---------------|
| Protection 30 | Single leaf, outward and inward opening hinged security doorset | 1.95  | 2.47  | 0.6  | 1.0  | 2                            | 1056a/01      |
| Protection 60 | Single leaf, outward and inward opening hinged security doorset | 1.95  | 2.47  | 0.6  | 1.0  | 2                            | 1056a/02      |
| Comfort UK    | Single leaf inward opening hinged security doorset              | 1.95  | 2.47  | 0.6  | 1.0  | 2                            | 1056a/03      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **Urban Front**

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Certificate No: 1390a to LPS 1175: Issue 7

#### **Hinged Security Doorset**

| Product Name | Type                               | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| E80S         | Single leaf inward opening doorset | 1.908                                 | 2.4                                   | 0.54                                 | 1.2                                  | 2 <sup>1</sup>  | 1390a/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **Warrior Doors Limited**

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Certificate No: 1045a to LPS 1175: Issue 7

**Hinged Security Doorsets**

| Product Name   | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Warrior B-SL   | Single leaf outward opening hinged doorset  | 1.8                                   | 2.5                                   | 0.6                                  | 1.322                                | 2               | 1045a/07      |
| Warrior B-SLi  | Single leaf inward opening hinged doorset   | 1.8                                   | 2.5                                   | 0.6                                  | 1.322                                | 2               | 1045a/08      |
| Warrior CB-SLi | Single leaf outward or inward opening hinged doorset <sup>1</sup> incorporating side screens and/or overpanel | 1.9                                   | 3.5                                   | 0.85                                 | 6.222                                | 2               | 1045a/09      |
| Warrior 4SP-SL | Single leaf outward opening hinged doorset  | 1.8                                   | 2.5                                   | 0.6                                  | 1.322                                | 4               | 1045a/01      |
| Warrior 4-SL   | Single leaf outward opening hinged doorset  | 1.8                                   | 2.5                                   | 0.6                                  | 1.322                                | 4               | 1045a/02      |
| Warrior 4-SLi  | Single leaf inward opening hinged doorset   | 1.8                                   | 2.5                                   | 0.6                                  | 1.322                                | 4               | 1045a/03      |
| Warrior 4-DD   | Double leaf outward opening hinged doorset  | 1.8                                   | 2.5                                   | 1.064                                | 2.260                                | 4               | 1045a/04      |
| Warrior C4-SLS | Single leaf outward or inward opening hinged doorset <sup>2</sup> incorporating side screens                  | 1.8                                   | 2.5                                   | 0.944                                | 7.322                                | 4               | 1045a/05      |
| Warrior C4-DDS | Double leaf outward opening hinged doorset <sup>3</sup> incorporating side screens                            | 1.8                                   | 2.5                                   | 1.408                                | 8.260                                | 4               | 1045a/06      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 1045d to LPS 2081: Issue 1**

**Hinged Security Doorsets**

| Product Name   | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Warrior B-SL   | Single leaf outward opening hinged glazed doorset   | 1.8                                   | 2.5                                   | 0.6                                  | 1.55                                 | B               | 1045d/01      |
| Warrior B-SLi  | Single leaf inward opening hinged glazed doorset  | 1.8                                   | 2.5                                   | 0.6                                  | 1.55                                 | B               | 1045d/02      |
| Warrior CB-SLi | Single leaf inward or outward opening hinged glazed doorset incorporating side screens and/or overpanels <sup>1,2</sup> | 1.9                                   | 3.5                                   | 0.85                                 | 6.45                                 | B               | 1045d/03      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 1045e to LPS 1175: Issue 7**

**Sliding Security Doorsets**

| Product Name     | Type                        | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|------------------|-----------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Warrior 2 Slider | Single leaf sliding doorset | 2.0                                   | 3.2                                   | 2.0                                  | 3.0                                  | 2               | 1045e/01      |

## **PART 4: SECTION 5.1**

### **SECURITY DOORSETS**

| <b>Product Name</b> | <b>Type</b>                 | <b>Minimum Structural Opening Height (m)</b> | <b>Maximum Structural Opening Height (m)</b> | <b>Minimum Structural Opening Width (m)</b> | <b>Maximum Structural Opening Width (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-----------------------------|--|--|---|---|------------------------|----------------------|
| Warrior 3 Slider    | Single leaf sliding doorset | 2.0  | 3.2  | 2.0   | 3.0   | 3                      | 1045e/02             |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 1045f to LPS 2081: Issue 1**

#### ***Sliding Security Doorsets***

| <b>Product Name</b> | <b>Type</b>                 | <b>Minimum Structural Opening Height (m)</b> | <b>Maximum Structural Opening Height (m)</b> | <b>Minimum Structural Opening Width (m)</b> | <b>Maximum Structural Opening Width (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-----------------------------|--|--|---|---|------------------------|----------------------|
| Warrior B Slider    | Single leaf sliding doorset | 2.0  | 3.2  | 2.0   | 3.0   | B                      | 1045f/01             |

A copy of the certificate, confirming the full scope of approval may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)



The windows in this section are approved to LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers*.

The products listed in this section are generally designed for use in commercial applications.

LPCB has also published a standard for glazing and security glazing films which employs the principles contained within LPS 1175. LPS 1270 *Requirements and testing procedures for the LPCB approval and listing of intruder resistant security glazing units* covers the resistance to manual attack of the glazing material. It enables specifiers to select new or replacement glazing that affords levels of security equivalent to that of the frame or façade in which it is to be employed.

### Crittall Fendor Limited

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Certificate No: 1440a to LPS 1175: Issue 5.1

#### Security Windows

| Product Name   | Type                          | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------|-------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| SecureLine SR2 | Fixed light window            | 0.96                                  | 2.0                                   | 0.86                                 | 2.0                                  | 2               | 1440a/01      |
|                | Top hung opening light window | 1.0                                   | 2.0                                   | 0.90                                 | 2.0                                  | 2               |               |
| SecureLine SR3 | Fixed light window            | 0.96                                  | 2.0                                   | 0.86                                 | 2.0                                  | 3               | 1440a/02      |
|                | Top hung opening light window | 1.0                                   | 2.0                                   | 0.90                                 | 2.0                                  | 3               |               |
| SecureLine SR4 | Fixed light window            | 0.96                                  | 2.0                                   | 0.86                                 | 2.0                                  | 4               | 1440a/03      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1358a to LPS 1175: Issue 7

#### Vertical Sliding Sash Windows

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Quattroglide | Vertical sliding sash timber security window | 0.8                                   | 4.2                                   | 0.6                                  | 2.0                                  | 2 <sup>1</sup>  | 1358a/01      |

## PART 4: SECTION 5.2

### SECURITY WINDOWS

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### R & D Sheetmetal Limited

2A Colliers Way, Clayton West, Huddersfield, West Yorkshire HD8 9TR, United Kingdom

Tel: +44 (0)1484 864886 • Fax: +44 (0)1484 866505

E-mail: [sales@randdsheetmetal.co.uk](mailto:sales@randdsheetmetal.co.uk) • Website: [www.randdsheetmetal.co.uk](http://www.randdsheetmetal.co.uk)

Certificate No: 1034d to LPS 1175: Issue 7

#### Security Windows

| Product Name                     | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Minimum Structural Opening Depth <sup>1</sup> (m) | Maximum Structural Opening Depth (m) | Security Rating | LPCB Ref. No. |
|----------------------------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|---|--------------------------------------|-----------------|---------------|
| SecureView 3                     | 'Bolt in' fixed APR <sup>2</sup> vision panel | 0.536                                 | 3.133                                 | 0.363                                | 2.133                                | 0.105   | 0.500                                | 3               | 1034d/01      |
|                                  | 'Cast in' fixed APR <sup>2</sup> vision panel | 0.537                                 | 3.107                                 | 0.337                                | 2.107                                | 0.085   | 0.500                                | 3               |               |
| SecureView 4                     | 'Bolt in' fixed APR <sup>2</sup> vision panel | 0.536                                 | 3.133                                 | 0.363                                | 2.133                                | 0.131   | 0.500                                | 4               | 1034d/02      |
|                                  | 'Cast in' fixed APR <sup>2</sup> vision panel | 0.537                                 | 3.107                                 | 0.337                                | 2.107                                | 0.111   | 0.500                                | 4               |               |
| SecureView 'Type E' <sup>3</sup> | 'Bolt in' fixed APR <sup>2</sup> vision panel | 1.210                                 | 1.210                                 | 0.910                                | 0.910                                | 0.250   | 0.250                                | 4               | 1034d/03      |
| SecureView 5                     | 'Bolt in' fixed APR <sup>2</sup> vision panel | 0.536                                 | 3.133                                 | 0.363                                | 2.133                                | 0.131   | 0.500                                | 5               | 1034d/04      |
|                                  | 'Cast in' fixed APR <sup>2</sup> vision panel | 0.537                                 | 3.107                                 | 0.337                                | 2.107                                | 0.111   | 0.500                                | 5               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Selectaglaze Limited**

Alban Park, Hatfield Road, St Albans, Hertfordshire AL4 0JJ, United Kingdom

Tel: +44 (0)1727 837271 • Fax: +44 (0)1727 844053

E-mail: [enquiries@selectaglaze.co.uk](mailto:enquiries@selectaglaze.co.uk) • Website: [www.selectaglaze.co.uk](http://www.selectaglaze.co.uk)

Certificate No: 683a to LPS 1175: Issue 6

**Secondary Security Glazing Systems**

| Product Name        | Type                     | Style  | Minimum Height (m) | Maximum Height (m) <sup>1</sup> | Minimum Width (m) | Maximum Width (m) <sup>1</sup> | Security Rating | LPCB Ref. No. |
|---------------------|--------------------------|--|--------------------|---------------------------------|-------------------|--------------------------------|-----------------|---------------|
| Series 42 'Level 1' | Secondary glazing system | Single fixed light unit  | 0.3                | 3.0 <sup>2</sup>                | 0.3               | 2.0 <sup>2</sup>               | 1               | 683a/10       |
| Series 43 'Level 1' | Secondary glazing system | Single and multi-light demountable fixed light unit              | 0.3                | 5.9 <sup>2,3</sup>              | 0.3               | 5.9 <sup>2,3</sup>             | 1               | 683a/12       |
| Series 44 'Level 1' | Secondary glazing system | Single light inward opening side hung casement                   | 0.7                | 2.7                             | 0.45              | 1.5                            | 1               | 683a/14       |
| Series 50 'Level 1' | Secondary glazing system | Single light inward opening top hung casement                    | 0.43               | 1.5 <sup>2</sup>                | 0.574             | 3.2 <sup>2</sup>               | 1               | 683a/01       |
|                     | Secondary glazing system | Single light inward opening side hung casement top hung casement | 0.574              | 3.2 <sup>2</sup>                | 0.43              | 1.5 <sup>2</sup>               | 1               |               |
| Series 55 'Level 1' | Secondary glazing system | Single demountable fixed light unit                              | 0.4                | 3.2 <sup>2</sup>                | 0.4               | 3.2 <sup>2</sup>               | 1               | 683a/03       |
| Series 85 'Level 1' | Secondary glazing system | Twin light horizontally sliding casement                         | 0.65               | 2.6 <sup>2</sup>                | 1.0               | 3.0 <sup>2</sup>               | 1               | 683a/05       |
| Series 95 'Level 1' | Secondary glazing system | Twin light vertically sliding casement                           | 1.0                | 3.0 <sup>2,4</sup>              | 0.65              | 2.6 <sup>2,4</sup>             | 1               | 683a/08       |
| Series 42 'Level 2' | Secondary glazing system | Single fixed light unit  | 0.3                | 3.0 <sup>2</sup>                | 0.3               | 2.0 <sup>2</sup>               | 2               | 683a/11       |
| Series 43 'Level 2' | Secondary glazing system | Single and multi-light demountable fixed light unit              | 0.3                | 5.9 <sup>2,3</sup>              | 0.3               | 5.9 <sup>2,3</sup>             | 2               | 683a/13       |
| Series 44 'Level 2' | Secondary glazing system | Single light inward opening side hung casement                   | 0.7                | 2.7                             | 0.45              | 1.5                            | 2               | 683a/15       |
| Series 50 'Level 2' | Secondary glazing system | Single light inward opening top hung casement                    | 0.43               | 1.5 <sup>4</sup>                | 0.574             | 3.2 <sup>4</sup>               | 2               | 683a/02       |
|                     | Secondary glazing system | Single light inward opening side hung casement                   | 0.574              | 3.2 <sup>4</sup>                | 0.43              | 1.5 <sup>4</sup>               | 2               |               |
| Series 55 'Level 2' | Secondary glazing system | Single demountable fixed light unit                              | 0.4                | 3.2 <sup>4</sup>                | 0.4               | 3.2 <sup>4</sup>               | 2               | 683a/04       |
| Series 85 'Level 2' | Secondary glazing system | Twin light horizontally sliding casement                         | 0.65               | 2.6 <sup>2</sup>                | 1.0               | 3.0 <sup>2</sup>               | 2               | 683a/07       |
| Series 95 'Level 2' | Secondary glazing system | Twin light vertically sliding casement                           | 1.0                | 3.0 <sup>2,4</sup>              | 0.65              | 2.6 <sup>2,4</sup>             | 2               | 683a/09       |
| Series 43 'Level 3' | Secondary glazing system | Single demountable fixed light unit                              | 0.3                | 3.0 <sup>2,3</sup>              | 0.3               | 2.0 <sup>2,3</sup>             | 3               | 683a/16       |
| Series 55 'Level 3' | Secondary glazing system | Single demountable fixed light unit                              | 0.4                | 3.2                             | 0.4               | 3.2                            | 3               | 683a/06       |

## **PART 4: SECTION 5.2**

### **SECURITY WINDOWS**

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **Stafford Bridge Doors Limited**

Bedford Road, Pavenham, Bedford MK43 7PS, United Kingdom

Tel: +44 (0)1234 826316 • Fax: +44 (0)1234 826319

E-mail: [sales@sbdoors.com](mailto:sales@sbdoors.com) • Website: [www.surelockmcgillgroup.com/sbd](http://www.surelockmcgillgroup.com/sbd)

Certificate No: 516d to LPS 1175: Issue 7

#### **Security Windows**

| <b>Product Name</b> | <b>Minimum Structural Opening Height (m)</b> | <b>Maximum Structural Opening Height (m)</b> | <b>Minimum Structural Opening Width (m)</b> | <b>Maximum Structural Opening Width (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|--|--|---|---|------------------------|----------------------|
| Durham SC05         | 0.3  | 3.1  | 0.3   | 3.1   | 3                      | 516d/01              |
| Catterick SC05      | 0.3  | 3.1  | 0.3   | 3.1   | 3                      | 516d/02              |
| Catterick SD10      | 1.0  | 3.1  | 1.0   | 3.1   | 4                      | 516d/03              |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

The rooflights listed in this section are approved to either:

- LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers, or*
- LPS 2081 *Requirements and testing procedures for the LPCB approval and listing of building components, strongpoints, security enclosures and free-standing barriers offering resistance to intruders attempting to use stealth to gain entry.*

The products listed in this section are generally designed for use in commercial applications.

LPCB has also published a standard for glazing and security glazing films which employs the principles contained within LPS 1175. LPS 1270 *Requirements and testing procedures for the LPCB approval and listing of intruder resistant security glazing units* covers the resistance to manual attack of the glazing material. It enables specifiers to select new or replacement glazing that affords levels of security equivalent to that of the frame or façade in which it is to be employed.

### Duplus Architectural Systems Limited

370 Melton Road, Leicester LE4 7SL, United Kingdom

Tel: +44 (0)116 261 0710 • Fax: +44 (0)116 261 0539

E-mail: sales@duplus.co.uk • Website: <https://duplus.co.uk/product-category/all-rooflights/>

Certificate No: 1409a to LPS 2081: Issue 1

#### ***Fixed and Opening Rooflights***

| Product Name                            | Type                                    | Minimum Length <sup>1</sup> (m) | Maximum Length <sup>1</sup> (m) | Minimum Width <sup>1</sup> (m) | Maximum Width <sup>1</sup> (m) | Security Rating | LPCB Ref. No. |
|---|---|---------------------------------|---------------------------------|--------------------------------|--------------------------------|-----------------|---------------|
| Part Q                                  | Pyramid capless rooflight               | 0.7                             | 2.0                             | 0.7                            | 2.0                            | A               | 1409a/01      |
|   | Lantern capless rooflight               | 0.7                             | 5.8                             | 0.7                            | 2.0                            | A               |               |
|   | Pyramid capped rooflight                | 0.7                             | 2.0                             | 0.7                            | 2.0                            | A               |               |
|   | Lantern capped rooflight                | 1.1                             | 5.8                             | 0.7                            | 2.0                            | A               |               |
|   | Square or rectangular fixed rooflight   | 0.325                           | 3.0                             | 0.325                          | 2.4                            | A               |               |
|   | Circular fixed rooflight                | N/A                             | N/A                             | 1.0                            | 2.0                            | A               |               |
|   | Hinged rooflight                        | 0.7                             | 1.0                             | 0.7                            | 2.0                            | A               |               |
|   | Sliding rooflight                       | 0.9                             | 2.0                             | 0.7                            | 2.0                            | A               |               |
|   | Square or rectangular walk on rooflight | 0.325                           | 2.0                             | 0.325                          | 1.0                            | A               |               |
|   | Part Q+                                 | Pyramid capped rooflight        | 0.7                             | 2.0                            | 0.7                            | 2.0             |               |
| Lantern capped rooflight                |   | 1.1                             | 5.8                             | 0.7                            | 2.0                            | B               |               |
| Individual rectangular fixed rooflight  |   | 0.325                           | 3.0                             | 0.325                          | 2.4                            | B               |               |
| Individual circular fixed rooflight     |   | N/A                             | N/A                             | 1.0                            | 2.0                            | B               |               |
| Sliding rooflight                       |   | 0.9                             | 2.0                             | 0.7                            | 2.0                            | B               |               |
| Square or rectangular walk on rooflight |   | 0.325                           | 2.0                             | 0.325                          | 1.0                            | B               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

# PART 4: SECTION 5.3

## ROOFLIGHTS

### Glazing Vision Limited

Saw Mills Road, Diss, Norfolk IP22 4RG, United Kingdom

Tel: +44 (0)1379 658300 • Fax: +44 (0)333 8000882

E-mail: sales@glazingvision.co.uk • Website: www.glazingvision.co.uk

Certificate No: 1347a to LPS 2081: Issue 1

### Fixed and Hinged Rooflights

| Product Name              | Type   | Minimum Length <sup>1</sup> (m) | Maximum Length <sup>1</sup> (m) | Minimum Width <sup>1</sup> (m) | Maximum Width <sup>1</sup> (m) | Security Rating | LPCB Ref. No. |
|---------------------------|--|---------------------------------|---------------------------------|--------------------------------|--------------------------------|-----------------|---------------|
| Flushglaze Secure         | Individual rectangular fixed rooflights <sup>2,3</sup>                     | 0.475                           | 4.2 <sup>4</sup>                | 0.475                          | 4.2 <sup>4</sup>               | A               | 1347a/01      |
|                           | Individual square fixed rooflight <sup>2,3</sup>                           | 0.475                           | 2.0                             | 0.475                          | 2.0                            | A               |               |
|                           | Rooflight formed from multiple units <sup>2</sup>                          | 0.4                             | Unlimited <sup>5</sup>          | 0.8                            | Unlimited <sup>5</sup>         | A               |               |
|                           | Individual circular fixed rooflight  | N/A                             | N/A                             | 0.8                            | 1.686                          | A               |               |
|                           | Walk on fixed rooflight formed from individual or multiple units           | 0.45                            | Unlimited <sup>5</sup>          | 0.4                            | Unlimited <sup>5</sup>         | A               |               |
| Octagonal Pyramid Secure  | Individual octagonal fixed pyramid rooflight <sup>6</sup>                  | N/A                             | N/A                             | 0.8                            | 2.0                            | A               | 1347a/05      |
| Skydoor Secure            | Electromechanical hinged rooflight <sup>6</sup>                            | 1.0                             | 2.1 <sup>7</sup>                | 1.3                            | 3.8 <sup>7</sup>               | A               | 1347a/06      |
| Skyglide Secure           | Electromechanical sliding rooflight <sup>6</sup>                           | 0.9                             | 2.0 <sup>8</sup>                | 0.57                           | 1.52 <sup>8</sup>              | A               | 1347a/07      |
| Skyhatch Secure           | Manually operated hinged rooflight <sup>3</sup>                            | 1.1                             | 1.1                             | 1.1                            | 2.0                            | A               | 1347a/08      |
|                           | Electromechanical hinged rooflight <sup>3</sup>                            | 0.9                             | 1.5                             | 0.9                            | 2.0                            | A               |               |
| Sliding Over Fixed Secure | Electromechanical sliding rooflight <sup>6</sup>                           | 1.3                             | 3.1 <sup>12</sup>               | 1.5                            | 5 <sup>12</sup>                | A               | 1347a/09      |
| Sliding Over Roof Secure  | Electromechanical sliding rooflight <sup>6</sup>                           | 1.3                             | 3.1 <sup>13</sup>               | 0.75                           | 3.69 <sup>13</sup>             | A               | 1347a/10      |
| Standard Box Secure       | Free-standing box rooflight <sup>9</sup>                                   | 1.1                             | 2.4                             | 1.5                            | 4.2                            | A               | 1347a/11      |
|                           | Three-wall box rooflight <sup>9</sup>                                      | 1.1                             | 2.4                             | 1.5                            | 4.2                            | A               |               |
| Standard Pyramid Secure   | Individual square fixed pyramid rooflight <sup>6</sup>                     | 0.6                             | 1.5                             | 0.6                            | 1.5                            | A               | 1347a/12      |
|                           | Individual elongated fixed pyramid rooflight <sup>6</sup>                  | 0.6                             | 1.5                             | 0.65                           | 2.5                            | A               |               |
| VisionVent Secure         | Electromechanical hinged rooflight <sup>6</sup>                            | 0.81                            | 2.4 <sup>10</sup>               | 0.845                          | 2.4 <sup>10</sup>              | A               | 1347a/03      |
|                           | Manually operated hinged rooflight <sup>6</sup> (Solo manual)              | 0.415                           | 2.365 <sup>11</sup>             | 0.415                          | 2.365 <sup>11</sup>            | A               |               |
|                           | Electromechanical chain-actuated hinged rooflight <sup>6</sup>             | 1.0                             | 1.0                             | 1.0                            | 2.2                            | A               |               |
|                           | Manually operated hinged rooflight <sup>6</sup> (Maintenance access hatch) | 0.9                             | 1.5                             | 0.9                            | 1.2                            | A               |               |
| X-Vent Secure             | Electromechanical hinged rooflight <sup>6</sup>                            | 1.4                             | 1.4                             | 1.4                            | 1.9                            | A               | 1347a/13      |
| Flushglaze Secure+        | Individual rectangular fixed rooflights <sup>2,3</sup>                     | 0.475                           | 4.2 <sup>4</sup>                | 0.475                          | 4.2 <sup>4</sup>               | B               | 1347a/02      |
|                           | Individual square fixed rooflight <sup>2,3</sup>                           | 0.475                           | 2.0                             | 0.475                          | 2.0                            | B               |               |
|                           | Rooflight formed from multiple units <sup>2,3</sup>                        | 0.4                             | Unlimited <sup>5</sup>          | 0.8                            | Unlimited <sup>5</sup>         | B               |               |
|                           | Individual circular fixed rooflight  | N/A                             | N/A                             | 0.8                            | 1.686                          | B               |               |
|                           | Walk on fixed rooflight formed from individual or multiple units           | 0.45                            | Unlimited <sup>5</sup>          | 0.4                            | Unlimited <sup>5</sup>         | B               |               |

**PART 4: SECTION 5.3****ROOFLIGHTS**

| Product Name       | Type   | Minimum Length <sup>1</sup> (m) | Maximum Length <sup>1</sup> (m) | Minimum Width <sup>1</sup> (m) | Maximum Width <sup>1</sup> (m) | Security Rating | LPCB Ref. No. |
|--------------------|--|---------------------------------|---------------------------------|--------------------------------|--------------------------------|-----------------|---------------|
| Skydoor Secure+    | Electromechanical hinged rooflight <sup>6</sup>                            | 1.0                             | 2.1 <sup>7</sup>                | 1.3                            | 3.8 <sup>7</sup>               | B               | 1347a/14      |
| Skyhatch Secure+   | Manually operated hinged rooflight <sup>3</sup>                            | 1.1                             | 1.1                             | 1.1                            | 2.0                            | B               | 1347a/15      |
| VisionVent Secure+ | Electromechanical hinged rooflight <sup>3</sup>                            | 0.9                             | 1.5                             | 0.9                            | 2.0                            | B               |               |
|                    | Electromechanical hinged rooflight <sup>6</sup>                            | 0.81                            | 2.4 <sup>10</sup>               | 0.845                          | 2.4 <sup>10</sup>              | B               | 1347a/04      |
|                    | Manually operated hinged rooflight <sup>6</sup> (Maintenance access hatch) | 0.9                             | 1.5                             | 0.9                            | 1.2                            | B               |               |
| X-Vent Secure+     | Electromechanical hinged rooflight <sup>6</sup>                            | 1.4                             | 1.4                             | 1.4                            | 1.9                            | B               | 1347a/16      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**The Rooflight Company**

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Tel: +44 (0)1993 833155 • Fax: +44 (0)1993 831066

E-mail: [info@therooflightcompany.co.uk](mailto:info@therooflightcompany.co.uk) • Website: [www.therooflightcompany.co.uk](http://www.therooflightcompany.co.uk)

Certificate No: 929b to LPS 1175: Issue 7

**Fixed Rooflights**

| Product Name                            | Type  | Minimum Length (m) | Maximum Length (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|---|---|--------------------|--------------------|-------------------|-------------------|-----------------|---------------|
| neo™ Plateau Secured by Design: Level 1 | Fixed rooflight                             | 0.75               | 2.5                | 0.75              | 3.0               | 1               | 929b/03       |
| Plateau Secured by Design: Level 2      | Fixed rooflight                             | 0.96               | 1.76               | 0.96              | 2.76              | 2               | 929b/01       |
| Plateau Secured by Design: Level 3      | Fixed rooflight with integral security bars | 0.96               | 0.96               | 0.96              | 2.76              | 3               | 929b/02       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 929c to LPS 2081: Issue 1

**Fixed Rooflights**

| Product Name                            | Type            | Minimum Length (m) | Maximum Length (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|---|-----------------|--------------------|--------------------|-------------------|-------------------|-----------------|---------------|
| neo™ Plateau Secured by Design: Level A | Fixed rooflight | 0.75               | 2.5                | 0.75              | 3.0               | A               | 929c/01       |
| neo™ Plateau Secured by Design: Level B | Fixed rooflight | 0.75               | 2.5                | 0.75              | 3.0               | B               | 929c/02       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 5.4**

### **GARAGE DOORS**

Theft of equipment from garages is fairly common due to the value of equipment often stored within them and the ease with which burglars can overcome many garage doors. Burglars also target garages that provide access to the inside of the house via internal pedestrian doors because the burglars can:

- Attack the internal doorset unobserved by people in surrounding properties; and/or
- Use tools stored within the garage to aid their entry into the house.

Specifying garage doors that provide proven levels of resistance to forced entry therefore plays an important part in reducing:

- Theft of equipment from garages.
- Theft of items from houses resulting from entry through adjoining garages.

Garage doors approved by LPCB meet the requirements of either:

- LPS 1175 Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers.
- LPS 2081 Requirements and testing procedures for the LPCB approval and listing of building components, strongpoints, security enclosures and free-standing barriers offering resistance to intruders attempting to use stealth to gain entry.
- EN 1627 Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification.

In addition to fitting approved garage doors, specifiers keen to improve the security of their garages should also consider using security enclosures approved to either LPS 1175 or LPS 2081 and fitting intruder detection equipment approved by LPCB and installed by a competent installer.

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### **Aluroll Limited**

Unit 12, Artillery Business Park, Park Hall, Oswestry, Shropshire SY11 4AD, United Kingdom

Tel: +44 (0)800 977 8975 • Fax: +44 (0)1691 671 482

E-mail: [Andy.Hall@aluroll.co.uk](mailto:Andy.Hall@aluroll.co.uk) • Website: [www.aluroll.co.uk](http://www.aluroll.co.uk)

Certificate No: 931a to LPS 1175: Issue 6

#### **Garage Doors**

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Maximum Door Area (m <sup>2</sup> ) | Compatible Locking Devices | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|----------------------------|-----------------|---------------|
| Elite        | Internally face fitted double skin insulated roller shutter | 0.9                                   | 5.2                                   | 0.9                                  | 5.0                                  | 20                                  | B                          | 1               | 931a/02       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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### **SWS UK**

Hornby Road, Cloughton, Lancaster LA2 9LA, United Kingdom

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E-mail: [info@swsuk.co.uk](mailto:info@swsuk.co.uk) • Website: [www.swsuk.co.uk](http://www.swsuk.co.uk)

Certificate No: 390b to LPS 1175: Issue 5



**Garage Doors**

| Product Name       | Type        | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|--------------------|-------------|--------------------|--------------------|-------------------|-------------------|-----------------|---------------|
| SeceuroGlide Excel | Garage door | 1.0                | 3.85               | 1.5               | 5.2               | 1               | 390b/01       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 390f to LPS 2081: Issue 1**

**Garage Door**

| Product Name         | Type        | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Minimum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------------|-------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| SeceuroGlide Classic | Garage door | 1.9                                   | 3.5                                   | 1.5                                  | 5.4                                  | A               | 390f/01       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## PART 4: SECTION 5.5

### SECURITY GRILLES, BLINDS AND BARSETS

Security grilles, blinds and barsets listed in this section are approved to either:

- LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers, or*
- EN 1627 *Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification.*

#### Abbey Group International Limited t/a Abbey Protect

4 Kirkby Bank Road, Knowsley Industrial Park, Liverpool L33 7SY, United Kingdom

Tel: +44 (0)151 363 6304

E-mail: [sales@abbeyprotect.com](mailto:sales@abbeyprotect.com) • Website: [www.abbeyprotect.com](http://www.abbeyprotect.com)

Certificate No: 1511a to LPS 1175: Issue 8

#### Security Blinds

| Product Name           | Configuration                   | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|------------------------|---------------------------------|--------------------|--------------------|-------------------|-------------------|-----------------|---------------|
| Securablinds® Defender | Fixed grille                    | 0.42               | 2.0                | 0.388             | 1.663             | B3<br>(SR2)     | 1511a/01      |
|                        | Fixed grille with transom       | 0.42               | 2.5                | 0.388             | 1.663             | B3<br>(SR2)     |               |
|                        | Double lock grille              | 0.55               | 2.0                | 0.420             | 1.695             | B3<br>(SR2)     |               |
|                        | Double lock grille with transom | 0.55               | 2.5                | 0.420             | 1.695             | B3<br>(SR2)     |               |
|                        | Single leaf gate                | 0.53               | 2.0                | 0.382             | 1.657             | B3<br>(SR2)     |               |
|                        | Single leaf gate with transom   | 0.53               | 2.5                | 0.382             | 1.657             | B3<br>(SR2)     |               |
|                        | Double leaf gate                | 0.53               | 2.0                | 0.717             | 3.267             | B3<br>(SR2)     |               |
|                        | Double leaf gate with transom   | 0.53               | 2.5                | 0.717             | 3.267             | B3<br>(SR2)     |               |
|                        | Horizontal slider               | 0.5205             | 2.0005             | 0.948             | 3.198             | B3<br>(SR2)     |               |
|                        | Horizontal slider with transom  | 0.5205             | 2.5005             | 0.948             | 3.198             | B3<br>(SR2)     |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### BenweldSecure Limited

Unit 14A, Hartlebury Trading Estate, Hartlebury, Worcestershire DY10 4JB, United Kingdom

Tel: +44 (0)1299 251750 • Fax: +44 (0)1299 253576

E-mail: [sales@benweld.co.uk](mailto:sales@benweld.co.uk) • Website: [www.benweld.co.uk](http://www.benweld.co.uk)

Certificate No: 1165b to LPS 1175: Issue 7

#### Security Barsets

| Product Name | Type <sup>1</sup>                     | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| BSecure SR3  | Internally face fixed security barset | 0.325                                 | Unlimited <sup>2</sup>                | 0.325                                | Unlimited <sup>2</sup>               | 3               | 1165b/01      |
|              | Externally face fixed security barset | 0.325                                 | Unlimited <sup>2</sup>                | 0.325                                | Unlimited <sup>2</sup>               | 3               |               |
|              | Reveal fixed security barset          | 0.325                                 | Unlimited <sup>2</sup>                | 0.325                                | Unlimited <sup>2</sup>               | 3               |               |

**PART 4: SECTION 5.5**  
SECURITY GRILLES, BLINDS AND BARSETS

| Product Name | Type <sup>1</sup>                     | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| BSecure SR4  | Internally face fixed security barset | 0.325                                 | Unlimited <sup>2</sup>                | 0.325                                | Unlimited <sup>2</sup>               | 4               | 1165b/02      |
|              | Externally face fixed security barset | 0.325                                 | Unlimited <sup>2</sup>                | 0.325                                | Unlimited <sup>2</sup>               | 4               |               |
|              | Reveal fixed security barset          | 0.325                                 | Unlimited <sup>2</sup>                | 0.325                                | Unlimited <sup>2</sup>               | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Bradbury Security

6 Atkinsons Way, Foxhills Industrial Estate, Scunthorpe, North Lincolnshire DN15 8QJ, United Kingdom  
Tel: +44 (0)1724 275724 • Fax: +44 (0)1724 271888  
E-mail: [enquiries@bradburyuk.com](mailto:enquiries@bradburyuk.com) • Website: [www.bradburyuk.com](http://www.bradburyuk.com)

Certificate No: 312g to LPS 1175: Issue 7

#### Security Grilles

| Product Name | Type                                    | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating <sup>1</sup> | LPCB Ref. No. |
|--------------|---|--------------------|--------------------|-------------------|-------------------|------------------------------|---------------|
| Vertex SR2   | Single sash collapsible security grille | 1.631              | 3.59               | 1.8               | Unlimited         | 2                            | 312g/02       |
|              | Double sash collapsible security grille | 1.631              | 3.59               | 3.3               | Unlimited         | 2                            |               |
| Vertex SR3   | Single sash collapsible security grille | 1.631              | 3.59               | 1.8               | Unlimited         | 3                            | 312g/03       |
|              | Double sash collapsible security grille | 1.631              | 3.59               | 3.3               | Unlimited         | 3                            |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 312k to LPS 1175: Issue 7

#### Security Barsets

| Product Name            | Type <sup>1</sup>                     | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| 'Spartan <sup>2</sup> ' | Internally face fixed security barset | 0.3                                   | Unlimited <sup>2</sup>                | 0.3                                  | Unlimited <sup>2</sup>               | 2               | 312k/01       |
|                         | Externally face fixed security barset | 0.3                                   | Unlimited <sup>2</sup>                | 0.3                                  | Unlimited <sup>2</sup>               | 2               |               |
|                         | Reveal fixed security barset          | 0.4                                   | Unlimited <sup>2</sup>                | 0.4                                  | Unlimited <sup>2</sup>               | 2               |               |
| 'Spartan <sup>3</sup> ' | Internally face fixed security barset | 0.3                                   | Unlimited <sup>2</sup>                | 0.3                                  | Unlimited <sup>2</sup>               | 3               | 312k/02       |
|                         | Externally face fixed security barset | 0.3                                   | Unlimited <sup>2</sup>                | 0.3                                  | Unlimited <sup>2</sup>               | 3               |               |
|                         | Reveal fixed security barset          | 0.4                                   | Unlimited <sup>2</sup>                | 0.4                                  | Unlimited <sup>2</sup>               | 3               |               |

## PART 4: SECTION 5.5

### SECURITY GRILLES, BLINDS AND BARSETS

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Burton Safes Limited

Units 20-28, Brockholes Business Park, Rock Mill Road, Brockholes, Holmfirth HD9 7BN, United Kingdom

Tel: +44 (0)1484 663388 • Fax: +44 (0)1484 666338

E-mail: [enquiries@burtonsafes.co.uk](mailto:enquiries@burtonsafes.co.uk) • Website: [www.burtonsafes.co.uk](http://www.burtonsafes.co.uk)

Certificate No: 1000h to LPS 1175: Issue 7

#### Security Barsets

| Product Name | Type <sup>1</sup>                     | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Typhon SR2   | Internally face fixed security barset | 0.3                                   | Unlimited <sup>2</sup>                | 0.3                                  | Unlimited <sup>2</sup>               | 2               | 1000h/01      |
|              | Externally face fixed security barset | 0.3                                   | Unlimited <sup>2</sup>                | 0.3                                  | Unlimited <sup>2</sup>               | 2               |               |
|              | Reveal fixed security barset          | 0.4                                   | Unlimited <sup>2</sup>                | 0.4                                  | Unlimited <sup>2</sup>               | 2               |               |
| Typhon SR3   | Internally face fixed security barset | 0.3                                   | Unlimited <sup>2</sup>                | 0.3                                  | Unlimited <sup>2</sup>               | 3               | 1000h/02      |
|              | Externally face fixed security barset | 0.3                                   | Unlimited <sup>2</sup>                | 0.3                                  | Unlimited <sup>2</sup>               | 3               |               |
|              | Reveal fixed security barset          | 0.4                                   | Unlimited <sup>2</sup>                | 0.4                                  | Unlimited <sup>2</sup>               | 3               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Liddle Doors Limited

Wagonway Road Industrial Estate, Hebburn, Tyne and Wear NE31 1SP, United Kingdom

Tel: +44 (0)191 483 5449 • Fax: +44 (0)191 489 0698

E-mail: [liddle@liddledoors.co.uk](mailto:liddle@liddledoors.co.uk) • Website: [www.liddledoors.co.uk](http://www.liddledoors.co.uk)

Certificate No: 442d to LPS 1175: Issue 6

#### Fixed Security Barsets

| Product Name                     | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------------------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Liddle Series 2 security bar set | Reveal mounted security barset                      | 0.4                                   | 3.0                                   | 0.4                                  | 3.0                                  | 2               | 442d/01       |
|                                  | Internally or externally face fixed security barset | 0.1                                   | 2.54                                  | 0.1                                  | 2.54                                 | 2               |               |
| Liddle Series 3 security bar set | Reveal mounted security barset                      | 0.4                                   | 3.0                                   | 0.4                                  | 3.0                                  | 3               | 442d/02       |
|                                  | Internally or externally face fixed security barset | 0.1                                   | 2.54                                  | 0.1                                  | 2.54                                 | 3               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 442j to LPS 1175: Issue 7**

**Fixed Security Barsets**

| Product Name  | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|---------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| LD SR4 Barset | Internally face fixed security barset <sup>1,2</sup> | 0.325                                 | 2.54                                  | 0.325                                | 2.54                                 | 4               | 442j/01       |
|               | Reveal mounted security barset <sup>1</sup>          | 0.325                                 | 3.0                                   | 0.325                                | 3.0                                  | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**PSF Wales Limited**

Llys Rhiannon, Cil Yr Ychen Industrial Estate, Landeilo Road, Llandybie, Ammanford, Carmarthenshire SA18 3GY, United Kingdom

Tel: +44 (0)1269 851777 • Fax: +44 (0)1269 851747

E-mail: [sales@psfwales.co.uk](mailto:sales@psfwales.co.uk) • Website: [www.psfwales.co.uk](http://www.psfwales.co.uk)

**Certificate No: 953g to LPS 1175: Issue 7**

**Individual and Modular Barsets**

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Centaur SR3  | Internal or external face fixed security barset                      | 0.325                                 | 1.1                                   | 0.325                                | 1.1                                  | 3               | 953g/02       |
|              | Reveal mounted security barset                                       | 0.325                                 | 1.1                                   | 0.325                                | 1.1                                  | 3               |               |
|              | Modular internal or external face fixed security barset <sup>1</sup> | 0.325                                 | Unlimited <sup>2</sup>                | 0.325                                | Unlimited <sup>2</sup>               | 3               |               |
|              | Modular reveal mounted security barset <sup>1</sup>                  | 0.325                                 | Unlimited <sup>2</sup>                | 0.325                                | Unlimited <sup>2</sup>               | 3               |               |
| Centaur SR4  | Modular internal or external face fixed security barset <sup>1</sup> | 0.325                                 | Unlimited <sup>2</sup>                | 0.325                                | Unlimited <sup>2</sup>               | 4               | 953g/03       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 953m to LPS 1175: Issue 8**

## PART 4: SECTION 5.5

### SECURITY GRILLES, BLINDS AND BARSETS

#### Individual and Modular Barsets

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Centaur 2    | Internal or external face fixed security barset         | 0.325                                 | 1.1                                   | 0.325                                | 1.1                                  | B3 (SR2)        | 953m/01       |
|              | Reveal mounted security barset                          | 0.325                                 | 1.1                                   | 0.325                                | 1.1                                  | B3 (SR2)        |               |
|              | Modular internal or external face fixed security barset | 0.325                                 | Unlimited                             | 0.325                                | Unlimited                            | B3 (SR2)        |               |
|              | Modular reveal mounted security barset                  | 0.325                                 | Unlimited                             | 0.325                                | Unlimited                            | B3 (SR2)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 953n to LPS 1175: Issue 8

#### Individual and Modular Barsets

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Centaur 4    | Internal or external face fixed security barset         | 0.325                                 | 1.1                                   | 0.325                                | 1.1                                  | D10 (SR4)       | 953n/01       |
|              | Reveal mounted security barset                          | 0.325                                 | 1.1                                   | 0.325                                | 1.1                                  | D10 (SR4)       |               |
|              | Modular internal or external face fixed security barset | 0.325                                 | Unlimited                             | 0.325                                | Unlimited                            | D10 (SR4)       |               |
|              | Modular reveal mounted security barset                  | 0.325                                 | Unlimited                             | 0.325                                | Unlimited                            | D10 (SR4)       |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Simbars (UK) Limited

46 Ashton Vale Road, Ashton, Bristol BS3 2HQ, United Kingdom

Tel: +44 (0)117 953 1444 • Fax: +44 (0)117 963 1444

E-mail: [info@simbars.co.uk](mailto:info@simbars.co.uk) • Website: [www.simbars.co.uk](http://www.simbars.co.uk)

Certificate No: 932a to LPS 1175: Issue 6

#### Fixed Security Barsets

| Product Name                 | Type                                  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Simbars security barsets SR4 | Reveal mounted security barset        | 0.225                                 | 8.0                                   | 0.225                                | 6.0                                  | 4               | 932a/02       |
|                              | Internally face fixed security barset | 0.227                                 | 7.54                                  | 0.29                                 | 5.54                                 | 4               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Southern Grille & Gate Limited

Unit 4, Eagle Trading Estate, 29 Willow Lane, Mitcham, Surrey CR4 4UY, United Kingdom  
Tel: +44 (0)208 640 9989 • Fax: +44 (0)208 640 4108  
E-mail: [sales@sggltd.co.uk](mailto:sales@sggltd.co.uk) • Website: [www.sgtrade.co.uk](http://www.sgtrade.co.uk)

Certificate No: 1037a to LPS 1175: Issue 7

#### Security Grilles

| Product Name | Type                                    | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|--------------------|--------------------|-------------------|-------------------|-----------------|---------------|
| Titan One    | Single sash collapsible security grille | 0.9                | 3.0                | 0.5               | 3.0               | 1               | 1037a/01      |
|              | Double sash collapsible security grille | 0.9                | 3.0                | 1.0               | 6.0               | 1               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Steelway Fensecure Limited

Queensgate Works, Bilston Road, Wolverhampton, West Midlands WV2 2NJ, United Kingdom  
Tel: +44 (0)121 521 4521 • Fax: +44 (0)121 521 4551  
E-mail: [sales@steelwaybrickhouse.co.uk](mailto:sales@steelwaybrickhouse.co.uk) • Website: [www.steelway.co.uk](http://www.steelway.co.uk)

Certificate No: 1071g to LPS 1175: Issue 7

#### Fixed Security Barsets

| Product Name           | Product Type               | Installation        | Minimum Height (m) | Maximum Height (m)     | Minimum Width (m) | Maximum Width (m)      | Security Rating | LPCB Ref. No. |
|------------------------|----------------------------|---------------------|--------------------|------------------------|-------------------|------------------------|-----------------|---------------|
| Steelway Anti-Intruder | Individual security barset | Reveal mounted      | 0.55               | 2.1                    | 0.55              | 2.1                    | 3               | 1071g/01      |
|                        | Individual security barset | External face fixed | 0.45               | 2.0                    | 0.45              | 2.0                    | 3               |               |
|                        | Individual security barset | Internal face fixed | 0.45               | 2.0                    | 0.45              | 2.0                    | 3               |               |
|                        | Modular security barset    | Reveal mounted      | 0.55               | Unlimited <sup>1</sup> | 0.55              | Unlimited <sup>1</sup> | 3               |               |
|                        | Modular security barset    | External face fixed | 0.45               | Unlimited <sup>1</sup> | 0.45              | Unlimited <sup>1</sup> | 3               |               |
|                        | Modular security barset    | Internal face fixed | 0.45               | Unlimited <sup>1</sup> | 0.45              | Unlimited <sup>1</sup> | 3               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## PART 4: SECTION 5.5

### SECURITY GRILLES, BLINDS AND BARSETS

#### Sunray Engineering Limited

Kingsnorth Industrial Estate, Wotton Road, Ashford, Kent TN23 6LL, United Kingdom

Tel: +44 (0)1233 639039 • Fax: +44 (0)1233 625137

E-mail: sales@sunraydoors.co.uk • Website: www.sunraydoors.co.uk

Certificate No: 234h to LPS 1175: Issue 7

#### Fixed Security Barsets

| Product Name  | Type                                | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|---------------|-------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| ExcluGrille 3 | Internal face fixed security barset | 0.325                                 | 2.5                                   | 0.325                                | 3.0                                  | 3               | 234h/01       |
|               | External face fixed security barset | 0.325                                 | 2.5                                   | 0.325                                | 3.0                                  | 3               |               |
|               | Reveal mounted security barset      | 0.370                                 | 2.5                                   | 0.325                                | 3.0                                  | 3               |               |
| ExcluGrille 4 | Internal face fixed security barset | 0.475 <sup>1</sup>                    | 2.5                                   | 0.325                                | 3.0                                  | 4               | 234h/02       |
|               | External face fixed security barset | 0.475 <sup>1</sup>                    | 2.5                                   | 0.325                                | 3.0                                  | 4               |               |
|               | Reveal mounted security barset      | 0.685                                 | 2.5                                   | 0.685                                | 3.0                                  | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### SWS UK

Hornby Road, Cloughton, Lancaster LA2 9LA, United Kingdom

Tel: +44 (0)1524 772400 • Fax: +44 (0)1524 772411

E-mail: info@swsuk.co.uk • Website: www.swsuk.co.uk

Certificate No: 390d to LPS 1175: Issue 7

#### Security Grilles

| Product Name                 | Type   | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|------------------------------|--|--------------------|--------------------|-------------------|-------------------|-----------------|---------------|
| SeceuroGuard 1001            | Single gate collapsible security grille              | 1                  | 3                  | 0.4               | Unlimited         | 1               | 390d/01       |
|                              | Double gate collapsible security grille              | 1                  | 3                  | 0.5               | Unlimited         | 1               |               |
| SeceuroGuard 1001 "Fixed"    | Fixed security grille                                | 1                  | 3                  | 0.4               | Unlimited         | 1               |               |
| SeceuroGuard 1001 "Floating" | Single and multiple gate collapsible security grille | 1                  | 3                  | 0.4               | Unlimited         | 1               |               |
| SeceuroGuard 1001s           | Single gate collapsible security grille              | 1                  | 3                  | 0.4               | Unlimited         | 1               | 390d/02       |
|                              | Double gate collapsible security grille              | 1                  | 3                  | 0.5               | Unlimited         | 1               |               |



**PART 4: SECTION 5.5**  
SECURITY GRILLES, BLINDS AND BARSETS

| Product Name                  | Type   | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|-------------------------------|--|--------------------|--------------------|-------------------|-------------------|-----------------|---------------|
| SeceuroGuard 1001s "Fixed"    | Fixed security grille                                | 1                  | 3                  | 0.4               | Unlimited         | 1               |               |
| SeceuroGuard 1001s "Floating" | Single and multiple gate collapsible security grille | 1                  | 3                  | 0.4               | Unlimited         | 1               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Technocover Limited (incorporating TechnoRail and Strataform)

Henfaes Lane, Welshpool, Powys SY21 7BE, United Kingdom

Tel: +44 (0)1938 555511 • Fax: +44 (0)1938 555527

E-mail: [techadvice@technocover.co.uk](mailto:techadvice@technocover.co.uk) • Website: [www.technocover.co.uk](http://www.technocover.co.uk)

Certificate No: 450m to LPS 1175: Issue 7

#### Fixed Security Barsets

| Product Name                            | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|---|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Type WB/DV/3 UltraSecure Window Bar Set | Reveal mounted security barset <sup>1</sup>        | 0.4                                   | Unlimited <sup>2</sup>                | 0.4                                  | Unlimited <sup>2</sup>               | 3               | 450m/01       |
|   | Internally face fixed security barset <sup>1</sup> | 0.4                                   | Unlimited <sup>2</sup>                | 0.4                                  | Unlimited <sup>2</sup>               | 3               |               |
| Type WB/DV/4 UltraSecure Window Bar Set | Reveal mounted security barset <sup>1</sup>        | 0.4                                   | Unlimited <sup>2</sup>                | 0.4                                  | Unlimited <sup>2</sup>               | 4               | 450m/02       |
|   | Internally face fixed security barset <sup>1</sup> | 0.4                                   | Unlimited <sup>2</sup>                | 0.4                                  | Unlimited <sup>2</sup>               | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### The Expanded Metal Company Limited

P.O.Box 14, Longhill Industrial Estate (North), Hartlepool TS25 1PR, United Kingdom

Tel: +44 (0)1429 867 388 • Fax: +44 (0)1429 866 795

E-mail: [sales@exmesh.co.uk](mailto:sales@exmesh.co.uk) • Website: [www.exmeshsecurity.co.uk](http://www.exmeshsecurity.co.uk)

Certificate No: 731d to LPS 1175: Issue 6

#### Fixed Security Window Guard

| Product Name         | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Class 3 Window Guard | Rectangular security window guards with square vertical bars <sup>1</sup> | 0.5                                   | 4.0                                   | 0.5                                  | 2.0                                  | 3               | 731d/01       |
|                      | Rectangular security window guards with round vertical bars <sup>2</sup>  | 0.5                                   | 4.0                                   | 0.5                                  | 2.0                                  | 3               | 731d/02       |

## **PART 4: SECTION 5.5**

### **SECURITY GRILLES, BLINDS AND BARSETS**

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **Trellicor (Pty) Limited**

20 Aberdare Drive, Phoenix Industrial Park, Durban, South Africa

Tel: +27 31 5080800 • Fax: +27 31 507 2129/3973

Certificate No: 474a to LPS 1175: Issue 5

#### **Security Grilles**

| Product Name                      | Model        | Type                                    | Minimum Height (m) | Minimum Width (m) | Maximum Height (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|-----------------------------------|--------------|---|--------------------|-------------------|--------------------|-------------------|-----------------|---------------|
| Trellidor Trojan II - T1000       | Standard     | Single gate collapsible security grille | 1.195              | 1.0               | 3.0                | 5.0               | 2               | 474a/04       |
|                                   | Flexi        | Single gate collapsible security grille | 1.195              | 1.0               | 3.0                | 5.0               | 2               |               |
|                                   | Fixture      | Single gate collapsible security grille | 1.195              | 1.0               | 3.0                | 5.0               | 2               |               |
|                                   | Double       | Double gate collapsible security grille | 1.195              | 2.0               | 3.0                | 10.0              | 2               |               |
|                                   | Double flexi | Double gate collapsible security grille | 1.195              | 2.0               | 3.0                | 10.0              | 2               |               |
| Trellidor Trojan II EMESC - T1000 | Standard     | Single gate collapsible security grille | 1.780              | 1.0               | 3.0                | 5.0               | 2               | 474a/05       |
|                                   | Flexi        | Single gate collapsible security grille | 1-780              | 1.0               | 3.0                | 5.0               | 2               |               |
|                                   | Double       | Double gate collapsible security grille | 1.780              | 2.0               | 3.0                | 10.0              | 2               |               |
|                                   | Double flexi | Double gate collapsible security grille | 1.780              | 2.0               | 3.0                | 10.0              | 2               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 474b to LPS 1175: Issue 6

#### **Security grilles**

| Product Name          | Model    | Type                                    | Minimum Height (m) | Minimum Width (m) | Maximum Height (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|-----------------------|----------|---|--------------------|-------------------|--------------------|-------------------|-----------------|---------------|
| Trellidor Plus - T900 | Standard | Single gate collapsible security grille | 0.945              | 0.6               | 3.0                | 5.0               | 1               | 474b/01       |
|                       | Flexi    | Single gate collapsible security grille | 0.945              | 1.0               | 3.0                | 5.0               | 1               |               |
|                       | Fixture  | Single gate collapsible security grille | 0.945              | 0.6               | 3.0                | 5.0               | 1               |               |

**PART 4: SECTION 5.5**  
SECURITY GRILLES, BLINDS AND BARSETS

| Product Name | Model  | Type                                    | Minimum Height (m) | Minimum Width (m) | Maximum Height (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--------|---|--------------------|-------------------|--------------------|-------------------|-----------------|---------------|
|              | Double | Double gate collapsible security grille | 0.945              | 1.0               | 3.0                | 10.0              | 1               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 474d to LPS 1175: Issue 7**

**Security Grilles**

| Product Name         | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Trojan 3 EMESC T3000 | Single leaf collapsible grille <sup>1</sup>  | 2.2                                   | 3.63                                  | 1.0                                  | Unlimited                            | 3               | 474d/01       |
|                      | Double leaf collapsible grille <sup>1</sup>  | 2.2                                   | 3.63                                  | 1.0                                  | Unlimited                            | 3               |               |
|                      | Side-by-side collapsible grille <sup>2</sup> | 2.2                                   | 3.63                                  | 1.0                                  | Unlimited                            | 3               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 5.6**

### **SECURITY SHUTTERS**

Security shutters listed in this section which provide resistance to manual forced entry are approved to either:

- LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers, or*
- EN 1627 *Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification.*

Security shutters listed in this section which provide ballistic resistance are approved to:

- BS EN 1522 *Windows, doors, shutters and blinds - Bullet resistance - Requirements and classification*

LPCB also issues approvals covering other aspects of shutter performance including fire resistance.

### **Aluroll Limited**

Unit 12, Artillery Business Park, Park Hall, Oswestry, Shropshire SY11 4AD, United Kingdom

Tel: +44 (0)800 977 8975 • Fax: +44 (0)1691 671 482

E-mail: [Andy.Hall@aluroll.co.uk](mailto:Andy.Hall@aluroll.co.uk) • Website: [www.aluroll.co.uk](http://www.aluroll.co.uk)

Certificate No: 931a to LPS 1175: Issue 6

#### **Security Shutters**

| Product Name  | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Maximum Door Area (m <sup>2</sup> ) | Compatible Locking Devices | Security Rating | LPCB Ref. No. |
|---------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|----------------------------|-----------------|---------------|
| E37 Elite     | Externally face fitted double skin aluminium roller shutter       | 0.9                                   | 4.0                                   | 0.77                                 | 3.0                                  | 8.5                                 | A                          | 1               | 931a/01       |
|               | Internally face fitted double skin aluminium roller shutter       | 0.9                                   | 4.0                                   | 0.77                                 | 3.0                                  | 8.5                                 | B                          | 1               |               |
| T77 Elite (1) | Internally face fitted double skin insulated roller shutter       | 0.9 <sup>2</sup>                      | 5.2                                   | 0.9                                  | 5.0                                  | 20                                  | B                          | 1               | 931a/02       |
| V77 Elite     | Internally face fitted aluminium roller shutter with vision slats | 0.9 <sup>2</sup>                      | 5.2                                   | 0.9                                  | 5.0                                  | 25                                  | B                          | 2               | 931a/03       |
| E77 Elite     | Internally face fitted aluminium roller shutter                   | 0.9 <sup>2</sup>                      | 5.2                                   | 0.9                                  | 5.0                                  | 25                                  | B                          | 2               | 931a/04       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 931b to LPS 1175: Issue 7

**Security Shutters**

| Product Name   | Type                                  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating <sup>1</sup> | LPCB Ref. No. |
|----------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|------------------------------|---------------|
| P76 Elite      | Internally face fitted roller shutter | 1.5                                   | 7.0                                   | 1.0                                  | 7.0                                  | 1                            | 931b/01       |
|                | Reveal fitted roller shutter          | 1.5                                   | 7.0                                   | 1.0                                  | 7.0                                  | 1                            | 931b/02       |
| S76 Elite      | Internally face fitted roller shutter | 1.5                                   | 7.0                                   | 1.0                                  | 7.0                                  | 2                            | 931b/03       |
|                | Reveal fitted roller shutter          | 1.5                                   | 7.0                                   | 1.0                                  | 7.0                                  | 2                            | 931b/04       |
| I100 Elite SR3 | Internally face fitted roller shutter | 1.5                                   | 5.0                                   | 1.0                                  | 7.0                                  | 3                            | 931b/05       |
| I100 Elite SR4 | Internally face fitted roller shutter | 1.5                                   | 5.0                                   | 1.0                                  | 7.0                                  | 4                            | 931b/06       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Armourpost Limited**

Unit 14 Saltmeadows Road, East Gateshead Industrial Estate, Gateshead, Tyne and Wear NE8 3AH, United Kingdom

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E-mail: [sales@armourpost.com](mailto:sales@armourpost.com) • Website: [www.armourpost.com](http://www.armourpost.com)

Certificate No: 1137a to LPS 1175: Issue 7

**Security Shutters**

| Product Name  | Type  | Security Rating <sup>1</sup> | LPCB Ref. No. |
|---------------|---|------------------------------|---------------|
| Defender SR2  | Roller shutter with insulated steel lath      | 2                            | 1137a/02      |
|               | Roller shutter with perforated steel lath     | 2                            |               |
|               | Roller shutter with solid steel lath          | 2                            |               |
| Rolux SR3-SOL | Roller shutter with reinforced aluminium lath | 3                            | 1137a/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Arrow Industrial Ltd**

Park Mill Way, Clayton West Industrial Estate, Huddersfield, West Yorkshire HD8 9XJ, United Kingdom

Tel: +44 (0)1484 861112 • Fax: +44 (0)1484 861056

E-mail: [info@arrow-industrial.co.uk](mailto:info@arrow-industrial.co.uk) • Website: [www.arrow-industrial.co.uk](http://www.arrow-industrial.co.uk)

Certificate No: 1428a to LPS 1175: issue 7

**Security Shutters**

| Product Name | Type   | Security Rating <sup>1</sup> | LPCB Ref. No. |
|--------------|--|------------------------------|---------------|
| INVICTUS 1   | Roller shutter with solid and/or perforated steel laths                | 1                            | 1428a/01      |
| INVICTUS 2   | Roller shutter with solid steel laths                                  | 2                            | 1428a/02      |
| INVICTUS 3   | Roller shutter with single skin aluminium laths                        | 3                            | 1428a/03      |
| INVICTUS 4   | Roller shutter with alternating single and double skin aluminium laths | 4                            | 1428a/04      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## PART 4: SECTION 5.6

### SECURITY SHUTTERS

#### Ascot Doors Limited

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Tel: +44 (0)1204 545801 • Fax: +44 (0)1204 545800

E-mail: sales@ascotdoors.co.uk • Website: www.ascotdoors.co.uk

Certificate No: 131b to LPS 1175: Issue 3

#### Security Shutters

| Product Name | Type            | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-----------------|--------------------|--------------------|-------------------|-------------------|-----------------|---------------|
| A320         | Rolling shutter | 2                  | 7                  | 2.5               | 9                 | 4               | 131b/01       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 131e to LPS 1175: Issue 6

#### Security Shutters

| Product Name | Model     | Type  | Security Rating | LPCB Ref. No. |
|--------------|-----------|---|-----------------|---------------|
| Centurion    | A305SS-EX | Roller shutter with solid single skin steel lath      | 1               | 131e/01       |
|              | A305PS-EX | Roller shutter with perforated single skin steel lath | 1               | 131e/02       |
|              | A305SA-EX | Roller shutter with solid single skin aluminium lath  | 1               | 131e/03       |
|              | A305PA-EX | Roller shutter with punched aluminium lath            | 1               | 131e/04       |
|              | A305PG-EX | Roller shutter with punched and glazed aluminium lath | 1               | 131e/05       |
|              | A310SS-EX | Roller shutter with solid single skin steel lath      | 2               | 131e/06       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 131f to LPS 1175: Issue 7

#### Security Shutters

| Product Name | Model  | Type  | Security Rating | LPCB Ref. No. |
|--------------|--------|---|-----------------|---------------|
| Centurion    | A305SS | Roller shutter with solid single skin steel lath          | 1               | 131f/01       |
|              | A305PS | Roller shutter with perforated single skin steel lath     | 1               | 131f/02       |
|              | A305SA | Roller shutter with solid single skin aluminium lath      | 1               | 131f/03       |
|              | A305PA | Roller shutter with punched aluminium lath                | 1               | 131f/04       |
|              | A305PG | Roller shutter with punched and glazed aluminium lath     | 1               | 131f/05       |
|              | A310SS | Roller shutter with solid single skin steel lath          | 2               | 131f/06       |
|              | A311   | Insulated roller shutter                                  | 2               | 131f/08       |
|              | A315   | Roller shutter with reinforced double skin aluminium lath | 3               | 131f/07       |
|              | A316   | Roller shutter with double skin insulated lath            | 3               | 131f/09       |
|              | A321   | Roller shutter with reinforced double skin steel lath     | 4               | 131f/10       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### CGT Security Limited

1 Darwin Close, Reading, Berkshire RG2 0TB, United Kingdom

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E-mail: sales@cgtsecurity.com • Website: www.cgtsecurity.com

Certificate No: 1396a to LPS 1175: Issue 7

**Security Shutters**

| Product Name | Model | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Xonar        | 842   | Built-in roller shutter incorporating solid and/or perforated laths                             | 2.0                                   | 10.0                                  | 1.0                                  | 6.0                                  | 2               | 1396a/01      |
|              | 942   | Internally or externally face fitted roller shutter incorporating solid and/or perforated laths | 2.0                                   | 10.0                                  | 1.0                                  | 8.0                                  | 2               | 1396a/02      |
|              | 843   | Built-in roller shutter incorporating solid and/or perforated laths                             | 2.0                                   | 10.0                                  | 1.0                                  | 6.0                                  | 3               | 1396a/03      |
|              | 943   | Internally or externally face fitted roller shutter incorporating solid and/or perforated laths | 2.0                                   | 10.0                                  | 1.0                                  | 8.0                                  | 3               | 1396a/04      |
|              | 964   | Internally face fitted roller shutter incorporating solid laths                                 | 1.0                                   | 10.0                                  | 1.0                                  | 6.0                                  | 4               | 1396a/05      |
|              | 964   | Externally face fitted roller shutter incorporating solid laths                                 | 1.8                                   | 10.0                                  | 1.0                                  | 6.0                                  | 4               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 1396b to LPS 1175: Issue 8**

**Security Shutters**

| Product Name     | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|------------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| StackDoor Secure | Internally or externally face fixed stackable security shutter | 2.0                                   | 10                                    | 0.76                                 | 6.0                                  | A1 (SR1)        | 1396b/01      |
|                  | Reveal fixed stackable security shutter                        | 2.0                                   | 10                                    | 1.0                                  | 6.24                                 | A1 (SR1)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Charter Global Limited**

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E-mail: [enquiries@charter-global.com](mailto:enquiries@charter-global.com) • Website: [www.charter-global.com](http://www.charter-global.com)

**Certificate No: 1075a to LPS 1175: Issue 7**

# PART 4: SECTION 5.6

## SECURITY SHUTTERS

### Security Shutters

| Product Name | Model           | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-----------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Obexion      | UD SR2          | Internally or externally face fitted roller shutter incorporating solid and/or perforated laths | 2.0                                   | 10.0                                  | 1.0                                  | 8.0                                  | 2               | 1075a/01      |
|              | UD SR3          | Internally or externally face fitted roller shutter incorporating solid and/or perforated laths | 2.0                                   | 10.0                                  | 1.0                                  | 8.0                                  | 3               | 1075a/02      |
|              | MD SR4          | Internally face fitted roller shutter incorporating solid laths                                 | 1.0                                   | 10.0                                  | 1.0                                  | 6.0                                  | 4               | 1075a/05      |
|              | MD SR4          | Externally face fitted roller shutter incorporating solid laths                                 | 1.8                                   | 10.0                                  | 1.0                                  | 6.0                                  | 4               |               |
|              | MD SR5          | Internally face fitted roller shutter incorporating solid laths                                 | 1.0                                   | 10.0                                  | 1.0                                  | 6.0                                  | 5               | 1075a/06      |
| Integr8      | SR2 180LS Ultra | Built-in roller shutter incorporating solid and/or perforated laths                             | 2.0                                   | 10.0                                  | 1.0                                  | 6.0                                  | 2               | 1075a/03      |
|              | SR2 180C Ultra  | Internally or externally face fitted roller shutter incorporating solid and/or perforated laths | 2.0                                   | 10.0                                  | 1.0                                  | 8.0                                  | 2               | 1075a/07      |
|              | SR3 180LS Ultra | Built-in roller shutter incorporating solid and/or perforated laths                             | 2.0                                   | 10.0                                  | 1.0                                  | 6.0                                  | 3               | 1075a/04      |
|              | SR3 180C Ultra  | internally or externally face fitted roller shutter incorporating solid and/or perforated laths | 2.0                                   | 10.0                                  | 1.0                                  | 8.0                                  | 3               | 1075a/08      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Fortress Protec Limited

6 Trench Road, HydePark Industrial Estate, Mallusk, Newtownabbey, Northern Ireland BT36 4TY, United Kingdom

Tel: +44 (0)28 9034 2655 • Fax: +44 (0)28 9034 2651

E-mail: [info@fortress-sefa.com](mailto:info@fortress-sefa.com) • Website: [www.fortressdoors.com](http://www.fortressdoors.com)

Certificate No: 1236b to LPS 1175: Issue 7



**Security Shutters**

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Axalux       | Internally face fitted roller shutter with double skin steel laths | 0.5                                   | 12.0                                  | 0.5                                  | 7.0                                  | 3               | 1236b/01      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Harlech Industrial Doors Limited**

Unit 8 Curran Industrial Estate, Curran Road, Cardiff, Cardiff CF10 5DF, United Kingdom

Tel: +44 (0)800 834 347 • Fax: +44 (0)2920 359 233

E-mail: [info@harlechdoors.net](mailto:info@harlechdoors.net) • Website: [www.harlechdoors.net](http://www.harlechdoors.net)

Certificate No: 1282a to LPS 1175: Issue 7

**Security Shutters**

| Product Name | Model   | Type                                  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Crime-gard   | Level 1 | Internally face fitted roller shutter | 1                                     | 10                                    | 1                                    | 10                                   | 1               | 1282a/01      |
|              | Level 2 | Internally face fitted roller shutter | 1                                     | 10                                    | 1                                    | 10                                   | 2               | 1282a/02      |
|              | Level 3 | Internally face fitted roller shutter | 1                                     | 10                                    | 1                                    | 10                                   | 3               | 1282a/03      |
|              | Level 4 | Internally face fitted roller shutter | 1                                     | 10                                    | 1                                    | 15                                   | 4               | 1282a/04      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Hart Door Systems**

Redburn Road, Westerhope Industrial Estate, Westerhope, Newcastle upon Tyne NE5 1PJ, United Kingdom

Tel: +44 (0)191 214 0404 • Fax: +44 (0)191 271 1611

E-mail: [info@hartdoors.com](mailto:info@hartdoors.com) • Website: [www.hartdoors.com](http://www.hartdoors.com)

Certificate No: 016c to LPS 1175: Issue 7

**Security Shutter**

| Product Name      | Type                                  | Security Rating <sup>1</sup> | LPCB Ref. No. |
|-------------------|---------------------------------------|------------------------------|---------------|
| Terror Screen SR1 | Internally face filled roller shutter | 1                            | 016c/02       |
| Terror Screen SR2 | Internally face filled roller shutter | 2                            | 016c/03       |
| Terror Screen SR3 | Internally face filled roller shutter | 3                            | 016c/04       |
| Terror Screen SR4 | Internally face filled roller shutter | 4                            | 016c/01       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 5.6**

### **SECURITY SHUTTERS**

#### **Rollershutters Components & Springs Limited t/a RCS Doors**

The Hanger, Woodtop, Bury Road, Rawtenstall, Rossendale, Lancashire BB4 6DJ, United Kingdom

Tel: +44 (0)800 955 8013 • Fax: +44 (0)1706 230728

E-mail: [sales@rcsdoors.co.uk](mailto:sales@rcsdoors.co.uk) • Website: [www.rcsdoors.co.uk](http://www.rcsdoors.co.uk)

Certificate No: 1537a to LPS 1175: Issue 7

#### **Security Shutters**

| Product Name | Model | Type   | Security Rating | LPCB Ref. No. |
|--------------|-------|--|-----------------|---------------|
| Rs2a         | eFF   | External face fixed roller shutter with solid lath                 | 2               | 1537a/01      |
|              | iFF   | Internal face fixed roller shutter with solid lath                 | 2               |               |
| Rs2b         | eFF   | External face fixed roller shutter with insulated double skin lath | 2               | 1537a/02      |
|              | iFF   | Internal face fixed roller shutter with insulated double skin lath | 2               |               |
| Rs3b         | eFF   | External face fixed roller shutter with double skin lath           | 3               | 1537a/03      |
|              | iFF   | Internal face fixed roller shutter with double skin lath           | 3               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **SWS UK**

Hornby Road, Claughton, Lancaster LA2 9LA, United Kingdom

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E-mail: [info@swsuk.co.uk](mailto:info@swsuk.co.uk) • Website: [www.swsuk.co.uk](http://www.swsuk.co.uk)

Certificate No: 390a to LPS 1175: Issue 5.3

#### **Security Shutters**

| Product Name       | Type                                 | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|--------------------|--------------------------------------|--------------------|--------------------|-------------------|-------------------|-----------------|---------------|
| SeceuroShield 3801 | Roller shutter with solid laths      | 0.9                | 4.0                | 0.9               | 3.0               | 1               | 390a/02       |
| SeceuroShield 7501 | Roller shutter with solid laths      | 0.6                | 4.7                | 0.9               | 6.0               | 1               | 390a/04       |
| SeceuroVision 7501 | Roller shutter with perforated laths | 0.6                | 4.7                | 0.9               | 6.0               | 1               | 390a/05       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 390e to LPS 1175: Issue 7

#### **Security Shutter**

| Product Name     | Type   | Security Rating | LPCB Ref. No. |
|------------------|--|-----------------|---------------|
| SeceuroDoor 9501 | Roller shutter with insulated lath               | 1               | 390e/02       |
| SeceuroDoor 7502 | Roller shutter with solid single skin steel lath | 2               | 390e/01       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Perforated security screens (otherwise referred to as security screens and void protection screens) listed in this section are approved to either:

- LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers, or*
- EN 1627 *Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Requirements and classification*

## **PART 4: SECTION 5.8**

### **LOUVRE VENTS**

Louvre vents listed within this section are approved to LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, stongpoints, security enclosures and free-standing barriers*.

Unless otherwise stated, the approvals relate to the louvre vent's resistance to the creation of a hole large enough for a person to pass through, as indicated by the 225 mm by 400 mm elliptical test block defined in LPS 1175.

It is recommended specifiers select louvres rated to resist the creation of smaller holes if the louvres are to be used within the close proximity of equipment that needs to be protected from tampering/removal, or lock operating hardware that does not require a key (e.g. thumbturns, lever handles, push pads or panic bars).

For guidance, the test blocks used are:

| <b>Type</b>       | <b>Test Block</b>  | <b>Notes</b>  |
|-------------------|--|---|
| Local penetration | 8 mm (+3 mm/-0 mm) by 25 mm (+3 mm/-0 mm) rectangular section                            | Represents the louvre panel's likely resistance to creation of a hole through which a piece of wire, screwdriver, lever or other such device can be passed. Such an attack may be attempted by an intruder wishing to operate a panic bar, emergency lever handle or other non-deadlocked device capable of releasing the boltwork on the item in which the louvre panel is mounted or on an item directly adjacent to that in which the louvre panel is mounted.   |
| Hand hole         | 60 mm (+3 mm/-0 mm) diameter   | Represents the louvre panel's likely resistance to creation of a hand hole. Such an attack may be attempted by an intruder wishing to: <ul style="list-style-type: none"><li>• Operate a thumbturn to release the boltwork on the item in which the louvre panel is mounted or on an item directly adjacent to that in which the louvre panel is mounted.</li><li>• Retrieve an item from the protected side of the louvre panel e.g. an item on display behind a shop window, a set of door keys or a set of car keys.</li></ul> |
| Complete access   | Elliptical section of 400 mm (+3 mm/-0 mm) major axis by 225 mm (+3 mm/-0 mm) minor axis | Represents the louvre panel's resistance to creation of a hole through which an elliptical test block measuring 400 mm by 225 mm may be passed. This replicates the size a person may be able to pass through and reflects the test block defined in LPS 1175: Issue 7.   |

### **Bastion Security Products Limited**

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E-mail: [moreinfo@bastionprotects.com](mailto:moreinfo@bastionprotects.com) • Website: [www.bastionprotects.com](http://www.bastionprotects.com)

Certificate No: 1046c to LPS 1175: Issue 7

**Louvre Vents**

| Product Name  | Type        | Minimum Structural Opening Height <sup>1</sup> (m) | Maximum Structural Opening Height <sup>1</sup> (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|---------------|-------------|--|--|--------------------------------------|--------------------------------------|-----------------|---------------|
| BastionGrille | Louvre vent | 0.2  | 0.6  | 0.2                                  | 0.6                                  | 4               | 1046c/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**PSF Wales Limited**

Llys Rhiannon, Cil Yr Ychen Industrial Estate, Landeilo Road, Llandybie, Ammanford, Carmarthenshire SA18 3GY, United Kingdom

Tel: +44 (0)1269 851777 • Fax: +44 (0)1269 851747

E-mail: [sales@psfwales.co.uk](mailto:sales@psfwales.co.uk) • Website: [www.psfwales.co.uk](http://www.psfwales.co.uk)

Certificate No: 953e to LPS 1175: Issue 7

**Louvre Vents**

| Product Name          | Type                       | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|-----------------------|----------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Hercules SAF 3 Louvre | Steel security louvre vent | 0.2                                   | Unlimited <sup>1</sup>                | 0.2                                  | Unlimited <sup>1</sup>               | 3 <sup>2</sup>  | 953e/01       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 953q to LPS 1175: Issue 8

**Louvre Vent**

| Product Name   | Type                       | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|----------------|----------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Hercules SAF 4 | Steel security louvre vent | 0.2                                   | Unlimited                             | 0.2                                  | Unlimited                            | D10 (SR4)       | 953q/01       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Stafford Bridge Doors Limited**

Bedford Road, Pavenham, Bedford MK43 7PS, United Kingdom

Tel: +44 (0)1234 826316 • Fax: +44 (0)1234 826319

E-mail: [sales@sbdoors.com](mailto:sales@sbdoors.com) • Website: [www.surelockmcgillgroup.com/sbd](http://www.surelockmcgillgroup.com/sbd)

Certificate No: 516b to LPS 1175: Issue 7

**Louvre Vents**

| Product Name | Type                       | Minimum Louvre Height <sup>1</sup> (m) | Maximum Louvre Height <sup>1</sup> (m) | Minimum Louvre Width <sup>2</sup> (m) | Maximum Louvre Width <sup>2</sup> (m) | Security Rating | LPCB Ref. No. |
|--------------|----------------------------|--|--|---------------------------------------|---------------------------------------|-----------------|---------------|
| Blackwatch   | Steel security louvre vent | 0.35                                   | 2.50                                   | 0.35                                  | 1.15                                  | 4               | 516b/01       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## PART 4: SECTION 5.8

### LOUVRE VENTS

#### Sunray Engineering Limited

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Tel: +44 (0)1233 639039 • Fax: +44 (0)1233 625137

E-mail: sales@sunraydoors.co.uk • Website: www.sunraydoors.co.uk

Certificate No: 234g to LPS 1175: Issue 7

#### Louvre Vents

| Product Name   | Type                      | Minimum Structural Opening Height (m) <sup>1</sup> | Maximum Structural Opening Height (m) <sup>1</sup> | Minimum Structural Opening Width (m) <sup>1</sup> | Maximum Structural Opening Width (m) <sup>1</sup> | Security Rating | LPCB Ref. No. |
|----------------|---------------------------|--|--|---|---|-----------------|---------------|
| ExcluLouvre® 2 | Fixed louvre panel system | 0.415  | 5.0  | 0.315   | Unlimited   | 2               | 234g/01       |
| ExcluLouvre® 3 | Fixed louvre panel system | 0.415  | 5.0  | 0.315   | Unlimited   | 3               | 234g/02       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Surelock McGill Limited

25/26 The Business Centre, Molly Millars Lane, Wokingham, Berkshire RG41 2QY, United Kingdom

Tel: +44 (0)1189 772 525 • Fax: +44 (0)1189 771 913

E-mail: sales@surelock.co.uk • Website: www.surelock.co.uk

Certificate No: 516-1a to LPS 1175: Issue 7

#### Louvre Vents

| Product Name | Type                       | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|----------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| Max Air XA1  | Steel security louvre vent | 0.125                                 | 7.5                                   | 0.125                                | 7.5                                  | 1               | 516-1a/01     |
| Max Air XA2  | Steel security louvre vent | 0.125                                 | 7.5                                   | 0.125                                | 7.5                                  | 2               | 516-1a/02     |
| Max Air XA3  | Steel security louvre vent | 0.125                                 | 7.5                                   | 0.125                                | 7.5                                  | 3               | 516-1a/03     |
| Max Air XA4  | Steel security louvre vent | 0.125                                 | 7.5                                   | 0.125                                | 7.5                                  | 4               | 516-1a/04     |
| Max Air XA5  | Steel security louvre vent | 0.125                                 | 7.5                                   | 0.125                                | 7.5                                  | 5               | 516-1a/05     |
| Max Air XA6  | Steel security louvre vent | 0.125                                 | 7.5                                   | 0.125                                | 7.5                                  | 6               | 516-1a/06     |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Technocover Limited (incorporating TechnoRail and Strataform)**

Henfaes Lane, Welshpool, Powys SY21 7BE, United Kingdom

Tel: +44 (0)1938 555511 • Fax: +44 (0)1938 555527

E-mail: [techadvice@technocover.co.uk](mailto:techadvice@technocover.co.uk) • Website: [www.technocover.co.uk](http://www.technocover.co.uk)

Certificate No: 450h to LPS 1175: Issue 6

**Louvre Vents**

| Product Name | Type                                    | Minimum Louvre Module Height (m) | Maximum Louvre Module Height (m) | Minimum Louvre Module Width (m) | Maximum Louvre Module Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|----------------------------------|----------------------------------|---------------------------------|---------------------------------|-----------------|---------------|
| Louvre Vent  | Modular louvre vent system <sup>1</sup> | 0.2                              | 1 <sup>1</sup>                   | 0.6                             | 1.2 <sup>1</sup>                | 5               | 450h/01       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 450r to LPS 1175: Issue 7

**Louvre Vents**

| Product Name | Type   | Minimum Structural Opening Height <sup>1</sup> (m) | Maximum Structural Opening Height <sup>1</sup> (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|--|--|--------------------------------------|--------------------------------------|-----------------|---------------|
| Sentinel     | Internal or external face fixed louvre vent                      | 0.325  | 0.92   | 0.325                                | 1.37                                 | 4               | 450r/01       |
|              | Reveal fixed louvre vent   | 0.325  | 0.965  | 0.325                                | 1.415                                | 4               |               |
|              | Modular internal or external face fixed louvre vent <sup>2</sup> | 0.325  | Unlimited <sup>3</sup>                             | 0.325                                | Unlimited <sup>3</sup>               | 4               |               |
|              | Modular reveal fixed louvre vent <sup>2</sup>                    | 0.325  | Unlimited <sup>3</sup>                             | 0.325                                | Unlimited <sup>3</sup>               | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 5.9**

### **SECURE WALLING SYSTEMS**

Walling systems listed in this section are approved to LPS 1175 *Requirements and testing procedures for the LPCB certification and listing or intruder resistant building components, strongpoints, security enclosures and free-standing barriers.*

In order to comply with the terms of the certification, the walling systems must be designed and installed in accordance with the relevant system manuals noted within the product entry.

Unless otherwise stated, the approvals cover:

- Plain systems. That is, the certification excludes service penetrations, ducts or other openings such as doors and windows.
- Resistance to the creation of an access hole, within the area of the barrier, through which it is possible to pass a 225 mm by 400 mm elliptical test block defined in LPS 1175.

It is recommended that evidence is sought to confirm the compatibility of any doors, windows, etc. to ensure the combined assembly offers the required security rating. Where such compatibility has been proven, this is indicated in the relevant listing.

#### **Bastion Security Products Limited**

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Tel: +44 (0)191 257 3100 • Fax: +44 (0)191 497 2997  
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Certificate No: 1046e/01 to LPS 1175: Issue 7

#### **Secure Partition Walling System**

| Product Name  | Type  | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Depth (m) | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|---------------|---|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|---------------|
| Bastion Wall4 | Partition formed from wall panels supported by existing adjacent walls <sup>1</sup> | 1.171              | 3.0                | 0.66 <sup>2</sup> | Unlimited         | -                 | -                 | 4               | 1046e/01      |
| Bastion Wall  | Partition formed from wall panels supported by existing adjacent walls              | 1.2 <sup>3</sup>   | 2.8                | 0.25 <sup>4</sup> | Unlimited         | 0.25 <sup>4</sup> | Unlimited         | 5               | 1046e/02      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **Burton Safes Limited**

Units 20-28, Brockholes Business Park, Rock Mill Road, Brockholes, Holmfirth HD9 7BN, United Kingdom  
Tel: +44 (0)1484 663388 • Fax: +44 (0)1484 666338  
E-mail: [enquiries@burtonsafes.co.uk](mailto:enquiries@burtonsafes.co.uk) • Website: [www.burtonsafes.co.uk](http://www.burtonsafes.co.uk)

Certificate No: 1000c to LPS 1175: Issue 6



**Secure Partition Walling System**

| Product Name | Type                                | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------------------------------------|--------------------|--------------------|-------------------|-------------------|-----------------|---------------|
| Talos        | Walls with horizontally laid panels | 2.5                | Unlimited          | 2.50              | Unlimited         | 2               | 1000c/01      |
|              | Walls with vertically laid panels   | 2.5                | 5.5                | 0.25              | Unlimited         | 2               |               |
|              | Walls with horizontally laid panels | 2.5                | Unlimited          | 2.50              | Unlimited         | 3               | 1000c/02      |
|              | Walls with vertically laid panels   | 2.5                | 5.5                | 0.25              | Unlimited         | 3               |               |
|              | Walls with horizontally laid panels | 2.5                | Unlimited          | 2.50              | Unlimited         | 4               | 1000c/03      |
|              | Walls with vertically laid panels   | 2.5                | 5.5                | 0.25              | Unlimited         | 4               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**CA Group Limited**

Evenwood Industrial Estate, Copeland Road, Evenwood, Co.Durham DL14 9SF, United Kingdom

Tel: +44 (0)1388 834242 • Fax: +44 (0)1388 830964

E-mail: [technical@cagroup.ltd.uk](mailto:technical@cagroup.ltd.uk) • Website: [www.cagroup.ltd.uk](http://www.cagroup.ltd.uk)

Certificate No: 443c to LPS 1175: Issue 7

**Secure Built-Up Cladding System**

| Product Name     | Product Code                                    | Type   | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Wall Thickness (m) | Maximum Wall Thickness (m) | Security Rating | LPCB Ref. No. |
|------------------|---|--|--------------------|--------------------|-------------------|-------------------|----------------------------|----------------------------|-----------------|---------------|
| Twin-Therm® Wall | CA 15 910WS with CA 17 1000L or CA 32 1000RL    | Built-up cladding system with horizontally or vertically laid panels | 1.0                | Unlimited          | 1.0               | Unlimited         | 0.095                      | 0.315                      | 1               | 443c/01       |
|                  | CA 32 1000R with CA 17 1000L                    | Built-up cladding system with horizontally or vertically laid panels | 1.0                | Unlimited          | 1.0               | Unlimited         | 0.112                      | 0.332                      | 1               |               |
|                  | CA 32 1000W with CA 17 1000L or CA 32 1000RL    | Built-up cladding system with horizontally or vertically laid panels | 1.0                | Unlimited          | 1.0               | Unlimited         | 0.112                      | 0.332                      | 1               |               |
|                  | CA 47 900SL with CA 17 1000L                    | Built-up cladding system with horizontally or vertically laid panels | 1.0                | Unlimited          | 1.0               | Unlimited         | 0.127                      | 0.347                      | 1               |               |
|                  | CA 300MR with CA 17 1000L or CA 32 1000RL       | Built-up cladding system with horizontally or vertically laid panels | 1.0                | Unlimited          | 1.0               | Unlimited         | 0.120                      | 0.340                      | 1               |               |
|                  | CA SINU 19 990 with CA 17 1000L or CA 32 1000RL | Built-up cladding system with horizontally or vertically laid panels | 1.0                | Unlimited          | 1.0               | Unlimited         | 0.099                      | 0.319                      | 1               |               |
|                  | CA 32 1000R with CA 32 1000RL                   | Built-up cladding system with horizontally or vertically laid panels | 1.0                | Unlimited          | 1.0               | Unlimited         | 0.112                      | 0.332                      | 2               | 443c/02       |
|                  | CA 47 900SL with CA 32 1000RL                   | Built-up cladding system with horizontally or vertically laid panels | 1.0                | Unlimited          | 1.0               | Unlimited         | 0.127                      | 0.347                      | 2               |               |
|                  | CA 65 321DL with CA 17 1000L or CA 32 1000RL    | Built-up cladding system with horizontally or vertically laid panels | 1.0                | Unlimited          | 1.0               | Unlimited         | 0.145                      | 0.365                      | 2               |               |

# PART 4: SECTION 5.9

## SECURE WALLING SYSTEMS

| Product Name | Product Code  | Type   | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Wall Thickness (m) | Maximum Wall Thickness (m) | Security Rating | LPCB Ref. No. |
|--------------|---|--|--------------------|--------------------|-------------------|-------------------|----------------------------|----------------------------|-----------------|---------------|
|              | CA ARC 50<br>930 with CA<br>17 1000L or<br>CA 32 1000RL | Built-up cladding system with horizontally or vertically laid panels | 1.0                | Unlimited          | 1.0               | Unlimited         | 0.130                      | 0.350                      | 2               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Etex Building Performance Limited

Gordano House, Marsh Lane, Easton-in-Gordano, Bristol BS20 0NE, United Kingdom

Tel: +44 (0)800 145 6033 • Fax: +44 (0)1275 379037

E-mail: [technical.siniat@etexbp.co.uk](mailto:technical.siniat@etexbp.co.uk) • Website: [www.siniat.co.uk](http://www.siniat.co.uk)

Certificate No: 1489a to LPS 1175: Issue 7

#### Secure Partition Walling System

| Product Name       | Type  | Minimum Height (m) | Maximum Height (m)       | Minimum Width (m) | Maximum Width (m)      | Security Rating | LPCB Ref. No. |
|--------------------|---|--------------------|--------------------------|-------------------|------------------------|-----------------|---------------|
| Siniat<br>Securtex | Partition formed from walls supported by existing adjacent walls <sup>1</sup> | 0.5                | Unlimited <sup>2,3</sup> | 0.3               | Unlimited <sup>3</sup> | 1               | 1489a/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Isoclad Limited

10 Alder Road, West Chirton North Industrial Estate, North Shields, Tyne & Wear NE29 8SD, United Kingdom

Tel: +44 (0)191 258 5052 • Fax: +44 (0)191 259 5742

E-mail: [sales@isoclad.co.uk](mailto:sales@isoclad.co.uk) • Website: [www.isoclad.co.uk](http://www.isoclad.co.uk)

Certificate No: 142d to LPS 1175: Issue 6

#### Secure Partition Walling System

| Product Name | Product Type                        | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------------------------------------|--------------------|--------------------|-------------------|-------------------|-----------------|---------------|
| Securiclad   | Walls with horizontally laid panels | 2.0                | Unlimited          | 2.0               | Unlimited         | 2               | 142d/03       |
|              | Walls with vertically laid panels   | 2.0                | 5.5                | 0.25              | Unlimited         | 2               |               |
|              | Walls with horizontally laid panels | 2.0                | Unlimited          | 2.0               | Unlimited         | 3               | 142d/01       |
|              | Walls with vertically laid panels   | 2.0                | 5.5                | 0.25              | Unlimited         | 3               |               |
|              | Walls with horizontally laid panels | 2.0                | Unlimited          | 2.0               | Unlimited         | 4               | 142d/02       |
|              | Walls with vertically laid panels   | 2.0                | 5.5                | 0.25              | Unlimited         | 4               |               |
|              | Walls with horizontally laid panels | 2.0                | Unlimited          | 2.0               | Unlimited         | 5               | 142d/04       |
|              | Walls with vertically laid panels   | 2.0                | 4.0                | 0.25              | Unlimited         | 5               |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Kingspan Limited**

Sherburn, Malton, North Yorkshire YO17 8PQ, United Kingdom

Tel: +44 (0)1944 712000

E-mail: [info@kingspanpanels.com](mailto:info@kingspanpanels.com) • Website: [www.kingspanpanels.co.uk](http://www.kingspanpanels.co.uk)

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Website: [www.kingspanpanels.co.uk](http://www.kingspanpanels.co.uk)

Certificate No: 279g to LPS 1175: Issue 7

**Secure Partition Walling System**

| Product Name     | Type                                | Minimum Height (m) | Maximum Height (m)     | Minimum Width (m) | Maximum Width (m)      | Security Rating | LPCB Ref. No. |
|------------------|-------------------------------------|--------------------|------------------------|-------------------|------------------------|-----------------|---------------|
| Kingspan Level 3 | Walls with horizontally laid panels | 1.5                | Unlimited <sup>1</sup> | 0.6               | Unlimited <sup>1</sup> | 3               | 279g/01       |
|                  | Walls with vertically laid panels   | 1.5                | 6.0                    | 0.6               | Unlimited <sup>1</sup> | 3               |               |
| Kingspan Level 4 | Walls with horizontally laid panels | 1.5                | Unlimited <sup>1</sup> | 0.6               | Unlimited <sup>1</sup> | 4               | 279g/02       |
|                  | Walls with vertically laid panels   | 1.5                | 6.0                    | 0.6               | Unlimited <sup>1</sup> | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Premier Security Solutions Limited**

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E-mail: [sales@premier-ssl.com](mailto:sales@premier-ssl.com) • Website: [www.premier-ssl.com](http://www.premier-ssl.com)

Certificate No: 1097b to LPS 1175: Issue 7

**Modular Security Screen**

| Product Name | Type  | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| SBD2         | Portcullis style modular security screen <sup>1</sup> | 0.3 <sup>2</sup>                      | 6                                     | 0.2 <sup>4</sup>                     | 6                                    | 2               | 1097b/01      |
|              | Fully glazed modular security screen                  | 0.15 <sup>3</sup>                     | 6                                     | 0.3 <sup>4</sup>                     | 6                                    | 2               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 5.9**

### **SECURE WALLING SYSTEMS**

#### **R & D Sheetmetal Limited**

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Tel: +44 (0)1484 864886 • Fax: +44 (0)1484 866505

E-mail: sales@randdsheetmetal.co.uk • Website: www.randdsheetmetal.co.uk

Certificate No: 1034c to LPS 1175: Issue 7

#### **Secure Partition Walling Systems**

| <b>Product Name</b> | <b>Type</b>   | <b>Minimum Height (m)</b> | <b>Maximum Height (m)</b> | <b>Minimum Width (m)</b> | <b>Maximum Width (m)</b> | <b>Minimum Length (m)</b> | <b>Maximum Length (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|---|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|------------------------|----------------------|
| Security Evo III    | Partition formed from wall panels supported by existing adjacent walls <sup>1</sup>             | 1.8                       | 2.35                      | 0.8                      | Unlimited                | N/A                       | N/A                       | 3                      | 1034c/01             |
|                     | Partition formed from wall and ceiling panels supported by existing adjacent walls <sup>1</sup> | 1.9                       | 2.7                       | 0.8                      | Unlimited                | 1.1                       | Unlimited                 | 3                      |                      |
| Security Evo IV     | Partition formed from wall panels supported by existing adjacent walls <sup>1</sup>             | 1.8                       | 2.35                      | 0.8                      | Unlimited                | N/A                       | N/A                       | 4                      | 1034c/02             |
|                     | Partition formed from wall and ceiling panels supported by existing adjacent walls <sup>1</sup> | 1.9                       | 2.7                       | 0.8                      | Unlimited                | 1.1                       | Unlimited                 | 4                      |                      |
| Security Evo V      | Partition formed from wall panels supported by existing adjacent walls <sup>1</sup>             | 1.8                       | 2.35                      | 0.8                      | Unlimited                | N/A                       | N/A                       | 5                      | 1034c/03             |
|                     | Partition formed from wall and ceiling panels supported by existing adjacent walls <sup>1</sup> | 1.9                       | 2.7                       | 0.8                      | Unlimited                | 1.1                       | Unlimited                 | 5                      |                      |
| Security Evo VI     | Partition formed from wall panels supported by existing adjacent walls <sup>1</sup>             | 1.8                       | 2.35                      | 0.8                      | Unlimited                | N/A                       | N/A                       | 6                      | 1034c/04             |

## PART 4: SECTION 5.9

### SECURE WALLING SYSTEMS

| Product Name | Type  | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Length (m) | Maximum Length (m) | Security Rating | LPCB Ref. No. |
|--------------|---|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|-----------------|---------------|
|              | Partition formed from wall and ceiling panels supported by existing adjacent walls <sup>1</sup> | 1.9                | 2.7                | 0.8               | Unlimited         | 1.1                | Unlimited          | 6               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### RCS Manufacturing Limited

Unit 2, Weston Works, Tyseley, Birmingham, West Midlands B11 3RP, United Kingdom

Tel: +44 (0)121 706 0222 • Fax: +44 (0)121 765 4585

E-mail: [sales@rcsm.co.uk](mailto:sales@rcsm.co.uk)

### For sales enquiries, please contact:

Remtech (Computer Security) Limited, PO Box 60, Epsom, Surrey KT17 2YT, United Kingdom

Tel: +44 (0)208 786 8787

E-mail: [sales@remtech.com](mailto:sales@remtech.com) • Website: [www.modusec.com](http://www.modusec.com)

Certificate No: 1103b to LPS 1175: Issue 7

### Secure Partition Walling System<sup>1</sup>

| Product Name    | Type  | Minimum Height (m) | Maximum Height (m) | Minimum Width (m)    | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|-----------------|---|--------------------|--------------------|----------------------|-------------------|-----------------|---------------|
| Modusec Level 1 | Partition formed from wall panels supported by existing adjacent walls <sup>2</sup> | 1.8                | 6.0                | 0.4 <sup>3</sup>     | Unlimited         | 1               | 1103b/01      |
| Modusec Level 2 | Partition formed from wall panels supported by existing adjacent walls <sup>2</sup> | 1.8                | 6.0                | 0.4 <sup>3</sup>     | Unlimited         | 2               | 1103b/02      |
| Modusec Level 3 | Partition formed from wall panels supported by existing adjacent walls <sup>2</sup> | 1.8                | 6.0                | 0.4 <sup>3,4</sup>   | Unlimited         | 3               | 1103b/03      |
| Modusec Level 4 | Partition formed from wall panels supported by existing adjacent walls <sup>2</sup> | 1.8                | 6.0                | 0.4 <sup>3,4</sup>   | Unlimited         | 4               | 1103b/04      |
| Modusec Level 5 | Partition formed from wall panels supported by existing adjacent walls <sup>2</sup> | 1.8                | 6.0                | 0.447 <sup>3,4</sup> | Unlimited         | 5               | 1103b/05      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Steelway Fensecure Limited

Queensgate Works, Bilston Road, Wolverhampton, West Midlands WV2 2NJ, United Kingdom

Tel: +44 (0)121 521 4521 • Fax: +44 (0)121 521 4551

E-mail: [sales@steelwaybrickhouse.co.uk](mailto:sales@steelwaybrickhouse.co.uk) • Website: [www.steelway.co.uk](http://www.steelway.co.uk)

Certificate No: 1071c to LPS 1175: Issue 7

# PART 4: SECTION 5.9

## SECURE WALLING SYSTEMS

### Secure Partition Walling System

| Product Name                                | Product Type  | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Length (m) | Maximum Length (m) | Security Rating | LPCB Ref. No. |
|---|---|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|-----------------|---------------|
| Steelway Level 1 Security Mesh Panel System | Partition formed from wall panels supported by existing adjacent walls <sup>1</sup>             | 0.5 <sup>2</sup>   | 3.8                | 0.5 <sup>3</sup>  | Unlimited         | N/A                | N/A                | 1               | 1071c/01      |
|   | Partition formed from wall and ceiling panels supported by existing adjacent walls <sup>1</sup> | 0.61 <sup>4</sup>  | 3.91               | 0.5 <sup>3</sup>  | Unlimited         | 0.5                | 4.0                | 1               |               |
|   | Ceiling formed from ceiling panels  | N/A                | N/A                | 0.5               | Unlimited         | 0.5                | 4.0                | 1               |               |
| Steelway Level 2 Security Mesh Panel System | Partition formed from wall panels supported by existing adjacent walls <sup>1</sup>             | 0.5 <sup>2</sup>   | 3.8                | 0.5 <sup>3</sup>  | Unlimited         | N/A                | N/A                | 2               | 1071c/02      |
|   | Partition formed from wall and ceiling panels supported by existing adjacent walls <sup>1</sup> | 0.61 <sup>4</sup>  | 3.91               | 0.5 <sup>3</sup>  | Unlimited         | 0.5                | 4.0                | 2               |               |
|   | Ceiling formed from ceiling panels  | N/A                | N/A                | 0.5               | Unlimited         | 0.5                | 4.0                | 2               |               |
| Steelway Level 3 Security Mesh Panel System | Partition formed from wall panels supported by existing adjacent walls <sup>1</sup>             | 0.5 <sup>2</sup>   | 3.8                | 0.5 <sup>3</sup>  | Unlimited         | N/A                | N/A                | 3               | 1071c/03      |
|   | Partition formed from wall and ceiling panels supported by existing adjacent walls <sup>1</sup> | 0.61 <sup>4</sup>  | 3.91               | 0.5 <sup>3</sup>  | Unlimited         | 0.5                | 4.0                | 3               |               |
|   | Ceiling formed from ceiling panels  | N/A                | N/A                | 0.5               | Unlimited         | 0.5                | 4.0                | 3               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 1071f to LPS 1175: Issue 7**

## PART 4: SECTION 5.9

### SECURE WALLING SYSTEMS

#### Secure Partition Walling System

| Product Name                                 | Product Type  | Minimum Height (m) | Maximum Height (m) | Minimum Width (m) | Maximum Width (m) | Minimum Length (m) | Maximum Length (m) | Security Rating | LPCB Ref. No. |
|--|---|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|-----------------|---------------|
| Steelway Level 4 Security Solid Panel System | Partition formed from wall panels supported by existing adjacent walls <sup>1</sup>             | 0.5 <sup>2</sup>   | 3.8                | 0.5 <sup>3</sup>  | Unlimited         | N/A                | N/A                | 4               | 1071f/01      |
|  | Partition formed from wall and ceiling panels supported by existing adjacent walls <sup>1</sup> | 0.61 <sup>4</sup>  | 3.91               | 0.5 <sup>3</sup>  | Unlimited         | 0.5                | 4.0                | 4               |               |
|  | Ceiling formed from ceiling panels  | N/A                | N/A                | 0.5               | Unlimited         | 0.5                | 4.0                | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Sunray Engineering Limited

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Tel: +44 (0)1233 639039 • Fax: +44 (0)1233 625137

E-mail: [sales@sunraydoors.co.uk](mailto:sales@sunraydoors.co.uk) • Website: [www.sunraydoors.co.uk](http://www.sunraydoors.co.uk)

Certificate No: 234i to LPS 1175: Issue 7

#### Secure Partition Walling System<sup>1</sup>

| Product Name               | Type  | Minimum Height (m) | Maximum Height (m) | Minimum Width (m)  | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|----------------------------|---|--------------------|--------------------|--------------------|-------------------|-----------------|---------------|
| ExcluWall Walling System 2 | Partition formed from louvred wall panels supported by existing adjacent walls <sup>2</sup> | 0.715 <sup>3</sup> | 5.0                | 0.315 <sup>4</sup> | Unlimited         | 2               | 234i/01       |
| ExcluWall Walling System 3 | Partition formed from louvred wall panels supported by existing adjacent walls <sup>2</sup> | 0.715 <sup>3</sup> | 5.0                | 0.315 <sup>4</sup> | Unlimited         | 3               | 234i/02       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Technocover Limited (incorporating TechnoRail and Strataform)

Henfaes Lane, Welshpool, Powys SY21 7BE, United Kingdom

Tel: +44 (0)1938 555511 • Fax: +44 (0)1938 555527

E-mail: [techadvice@technocover.co.uk](mailto:techadvice@technocover.co.uk) • Website: [www.technocover.co.uk](http://www.technocover.co.uk)

Certificate No: 450k to LPS 1175: Issue 7

## **PART 4: SECTION 5.9**

### **SECURE WALLING SYSTEMS**

#### **Secure Partition Walling System**

| <b>Product Name</b>                    | <b>Product Type</b>  | <b>Minimum Height (m)</b> | <b>Maximum Height (m)</b> | <b>Minimum Width (m)</b> | <b>Maximum Width (m)</b> | <b>Minimum Length (m)</b> | <b>Maximum Length (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|--|--|---------------------------|---------------------------|--------------------------|--------------------------|---------------------------|---------------------------|------------------------|----------------------|
| Ultrasecure Security Mesh Panel System | Partition formed from wall panels supported by existing adjacent walls             | 0.5 <sup>1</sup>          | 6.0                       | 0.5 <sup>2</sup>         | Unlimited                | N/A                       | N/A                       | 3                      | 450k/01              |
|  | Partition formed from wall and ceiling panels supported by existing adjacent walls | 0.5 <sup>1</sup>          | 6.0                       | 0.5 <sup>2</sup>         | Unlimited                | 0.5 <sup>2</sup>          | 6.0                       | 3                      |                      |
|  | Ceiling formed from ceiling panels   | N/A                       | N/A                       | 0.5                      | Unlimited                | 0.5                       | 6.0                       | 3                      |                      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **The Expanded Metal Company Limited**

P.O.Box 14, Longhill Industrial Estate (North), Hartlepool TS25 1PR, United Kingdom

Tel: +44 (0)1429 867 388 • Fax: +44 (0)1429 866 795

E-mail: [sales@exmesh.co.uk](mailto:sales@exmesh.co.uk) • Website: [www.exmeshsecurity.co.uk](http://www.exmeshsecurity.co.uk)

Certificate No: 731b to LPS 1175: Issue 7

#### **Secure Partition Walling Systems**

| <b>Product Name</b>     | <b>Type</b>           | <b>Minimum Wall Height (m)</b> | <b>Maximum Wall Height (m)</b> | <b>Minimum Wall Width (m)</b> | <b>Maximum Wall Width<sup>1</sup> (m)</b> | <b>Security Rating<sup>2</sup></b> | <b>LPCB Ref. No.</b> |
|-------------------------|-----------------------|--------------------------------|--------------------------------|-------------------------------|---|------------------------------------|----------------------|
| Securilath HD1-PB       | Partition wall system | 1.2                            | 3.0                            | 0.6                           | Unlimited                                 | 1                                  | 731b/02              |
| Securilath MD1          | Partition wall system | 1.2                            | 3.0                            | 0.6                           | Unlimited                                 | 1                                  | 731b/03              |
| Securilath HD1 Standard | Partition wall system | 1.2                            | 3.0                            | 0.6                           | Unlimited                                 | 2                                  | 731b/01              |
| Securilath Ultra        | Partition wall system | 1.2                            | 3.0                            | 0.6                           | Unlimited                                 | 3                                  | 731b/04              |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **Warrior Doors Limited**

Unit 4, Kings Road Industrial Estate, Tyseley, Birmingham, West Midlands B11 2AX, United Kingdom

Tel: +44 (0)121 706 8400 • Fax: +44 (0)121 706 4399

E-mail: [redbook@wariordoors.co.uk](mailto:redbook@wariordoors.co.uk) • Website: [www.wariordoors.co.uk](http://www.wariordoors.co.uk)

Certificate No: 1045b to LPS 1175: Issue 7



**PART 4: SECTION 5.9****SECURE WALLING SYSTEMS****Modular Security Screen**

| Product Name   | Type  | Minimum Height (m) | Maximum Height (m) | Minimum Width (m)  | Maximum Width (m) | Minimum Depth (m)  | Maximum Depth (m) | Security Rating | LPCB Ref. No. |
|----------------|---|--------------------|--------------------|--------------------|-------------------|--------------------|-------------------|-----------------|---------------|
| Warrior Screen | Partition formed from wall panels supported by existing adjacent walls <sup>1</sup>             | 0.364 <sup>2</sup> | 6.20               | 0.364 <sup>3</sup> | Unlimited         | N/A                | N/A               | 4               | 1045b/01      |
|                | Partition formed from wall and ceiling panels supported by existing adjacent walls <sup>1</sup> | 0.364 <sup>4</sup> | 6.20               | 0.364 <sup>3</sup> | Unlimited         | 0.364 <sup>3</sup> | Unlimited         | 4               |               |
|                | Ceiling formed from ceiling panels  | N/A                | N/A                | 0.364              | Unlimited         | 0.364              | Unlimited         | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 5.10**

### **SECURE ROOFING SYSTEMS**

Roofing systems listed in this section are approved to LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers.*

In order to comply with the terms of the approval, the roofing systems should be designed and installed in accordance with the relevant system manuals noted within the product entry. The styles of tile/panel included within the scope of approval, the range of roof pitches to which they can be fitted and the accessories that are covered by the scope of approval are also noted in each product entry.

#### **CA Group Limited**

Evenwood Industrial Estate, Copeland Road, Evenwood, Co.Durham DL14 9SF, United Kingdom

Tel: +44 (0)1388 834242 • Fax: +44 (0)1388 830964

E-mail: [technical@cagroup.ltd.uk](mailto:technical@cagroup.ltd.uk) • Website: [www.cagroup.ltd.uk](http://www.cagroup.ltd.uk)

Certificate No: 443d to LPS 1175: Issue 7

#### **Secure Built-Up Roofing Systems**

| Product Name     | Product Code                  | Minimum Width (mm) | Maximum Width (mm) | Minimum Depth (mm) | Maximum Depth (mm) | Minimum Thickness (mm) | Maximum Thickness (mm) | Roof Pitch | Security Rating | LPCB Ref. No. |
|------------------|-------------------------------|--------------------|--------------------|--------------------|--------------------|------------------------|------------------------|------------|-----------------|---------------|
| Twin-Therm® Roof | CA 32 1000R with CA 17 1000L  | 1000               | Unlimited          | 1000               | Unlimited          | 112                    | 332                    | 0° to 90°  | 1               | 443d/01       |
| Twin-Therm® Roof | CA 32 1000R with CA 32 1000RL | 1000               | Unlimited          | 1000               | Unlimited          | 112                    | 322                    | 0° to 90°  | 2               | 443d/02       |

A copy of the certificate, confirming the full scope of approval including, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **Icopal S. A.**

Parc Industriel des Hauts Sarts, Rue de Hermee 186, Herstal, Belgium

Tel: +32 4240 5151 • Fax: +32 4240 5199

E-mail: [sales@decra.co.uk](mailto:sales@decra.co.uk) • Website: [www.decra.co.uk](http://www.decra.co.uk)

#### **UK sales, marketing, distribution and technical enquiries:**

Decra Roofing Systems Limited, Unit 4, Crompton Fields, Crompton Way, Crawley, West Sussex RH10 9QB, United Kingdom

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Certificate No: 834a to LPS 1175: Issue 5.3

#### **Security Roof Tiling Systems**

| Product Name   | Overall Tile Size (mm) | Tile Cover (mm) | Security Rating | LPCB Ref. No. |
|----------------|------------------------|-----------------|-----------------|---------------|
| Decra Classic  | 1324 x 410             | 1260 x 370      | 1               | 834a/01       |
| Decra Stratos  | 1290 x 360             | 1230 x 320      | 1               | 834a/02       |
| Decra Elegance | 1324 x 410             | 1260 x 370      | 1               | 834a/03       |
| Decra Plus     | 1324 x 410             | 1260 x 368      | 1               | 834a/04       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

This section includes security glazing that has been approved to one or more of the following standards:

- LPS 1270: Issue 1 *Requirements and testing procedures for the LPCB approval and listing of intruder resistant security glazing units*
- EN 356: 2000 *Glass in Building - Security Glazing. Testing and classification of resistance against manual attack*
- EN 1063: 2000 *Glass in building. Security Glazing. Testing and classification of resistance against bullet attack.*

LPS 1270 was developed because it was considered the method for classifying the attack resistance of security glazing specified within the current European standard (EN 356: 2000) was incompatible with that employed within LPS 1175 *Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers*. This was because:

- EN 356: 2000 does not classify glass according to its resistance to different levels of attack based on the tools and time available to an intruder.
- The tests contained within EN 356: 2000 do not evaluate the glass's susceptibility to attacks involving the creation of small holes through which locking hardware may be manipulated and/or protected items, such as items on display within shop windows or display cases, may be removed.

The LPS 1270 classification system contains three digits. Each digit describes the glazing's resistance to creation of a different size of hole, as described in the table below.

| Digit           | Type              | Test Block   | Notes  |
|-----------------|-------------------|--|--|
| 1 <sup>st</sup> | Local penetration | 8 mm (+3 mm/-0 mm) by 25 mm (+3 mm/-0 mm) rectangular section                            | Represents the glazing's likely resistance to creation of a hole through which a piece of wire, screwdriver, lever or other such device can be passed. Such an attack may be attempted by an intruder wishing to operate a panic bar, emergency lever handle or other non-deadlocked device capable of releasing the boltwork on the item in which the glazing is mounted or on an item directly adjacent to that in which the glazing is mounted.   |
| 2 <sup>nd</sup> | Hand hole         | 60 mm (+3 mm/-0 mm) diameter   | Represents the glazing's likely resistance to creation of a hand hole. Such an attack may be attempted by an intruder wishing to: <ul style="list-style-type: none"> <li>• Operate a thumbturn to release the boltwork on the item in which the glazing is mounted or on an item directly adjacent to that in which the glazing is mounted.</li> <li>• Retrieve an item from the protected side of the glass e.g. an item on display behind a shop window, a set of door keys or a set of car keys.</li> </ul> |
| 3 <sup>rd</sup> | Complete access   | Elliptical section of 400 mm (+3 mm/-0 mm) major axis by 225 mm (+3 mm/-0 mm) minor axis | This reflects the size of aperture specified in LPS 1175: Issue 7. The digit confirms the glazing's resistance to creation of a hole through which an elliptical test block measuring 400 mm by 225 mm may be passed. This replicates the size a person may be able to pass through and reflects the test block defined in LPS 1175: Issue 7.  |

## PART 4: SECTION 5.11

### SECURITY GLAZING

#### ESG Group Limited

Units 1-3, Moss Road, Witham, Essex CM8 3UQ, United Kingdom

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E-mail: sales@esg.glass • Website: www.esg.glass

Certificate No: 997a to LPS 1270: Issue 1

#### Laminated Security Glazing

| Product Name   | Type   | Nominal Total Thickness (mm) | Nominal Weight (kg/m <sup>2</sup> ) | Security Rating | LPCB Ref. No. |
|----------------|--|------------------------------|-------------------------------------|-----------------|---------------|
| ESG Secure 001 | Laminated single glazing unit <sup>1,2,3</sup> | 16.5                         | 37                                  | 001             | 997a/09       |
| ESG Secure 012 | Laminated single glazing unit <sup>1,2,3</sup> | 20.5                         | 38                                  | 012             | 997a/10       |
| ESG Secure 013 | Laminated single glazing unit <sup>1,2,3</sup> | 22.5                         | 41                                  | 013             | 997a/11       |
| ESG Secure 123 | Laminated single glazing unit <sup>1,2,3</sup> | 26.5                         | 46                                  | 123             | 997a/12       |
| ESG Secure 113 | Laminated single glazing unit <sup>1,2,3</sup> | 34                           | 61                                  | 113             | 997a/13       |
| ESG Secure 224 | Laminated single glazing unit <sup>1,2,3</sup> | 42                           | 72                                  | 224             | 997a/14       |
| ESG Secure 234 | Laminated single glazing unit <sup>1,2,3</sup> | 45                           | 71                                  | 234             | 997a/15       |
| ESG Secure 235 | Laminated single glazing unit <sup>1,2,3</sup> | 60                           | 100                                 | 235             | 997a/16       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Hamilton Erskine Limited

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E-mail: info@tecdur.com • Website: www.tecdur.com

Certificate No: 1100a to LPS 1270: Issue 1

#### Laminated Security Glazing

| Product Name          | Type   | Nominal Total Thickness (mm) <sup>1</sup> | Nominal Weight (kg/m <sup>2</sup> ) | Security Rating | LPCB Ref. No. |
|-----------------------|--|---|-------------------------------------|-----------------|---------------|
| Tecdur TSG DC16       | Laminated single glazed unit                               | 16  | 29                                  | 011             | 1100a/07      |
| Tecdur TSG SC12       | Laminated single glazed unit                               | 12  | 19                                  | 112             | 1100a/01      |
| Tecdur TSG SC12 DGU   | Laminated double glazed unit                               | 30.4                                      | 34                                  | 112             | 1100a/02      |
| Tecdur TSG SC14       | Laminated single glazed unit                               | 14  | 22                                  | 123             | 1100a/03      |
| Tecdur TSG SC14 DGU   | Laminated double glazed unit                               | 32.4                                      | 37                                  | 123             | 1100a/04      |
| Tecdur TSG DC34       | Laminated single glazed unit                               | 34  | 50                                  | 234             | 1100a/08      |
| Tecdur TSG SC40 BR4NS | Laminated single glazed unit                               | 40  | 55.8                                | 235             | 1100a/05      |
| Tecdur TSG DC51GG     | Laminated single glazed unit incorporating G1 grid pattern | 51  | 94                                  | 246             | 1100a/06      |
|                       | Laminated single glazed unit incorporating G2 grid pattern | 51  | 97                                  | 246             |               |
|                       | Laminated single glazed unit incorporating G3 grid pattern | 51  | 99                                  | 246             |               |
|                       | Laminated single glazed unit incorporating G4 grid pattern | 51  | 90                                  | 246             |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 5.12**

### ENTRANCE SYSTEMS

Entrance systems listed in this section are approved to LPS 1175 *Requirements and testing procedures for the LPCB certification and listing or intruder resistant building components, strongpoints, security enclosures and free-standing barriers.*

In order to comply with the terms of the certification, the entrance systems must be installed in accordance with the relevant manuals noted within the product entry.

When selecting an entrance system, it is important to note aspects such as the size, operating modes and the location of the product within the substrate. These products also offer a wide variety of options, such as safety and detection systems, emergency unlocking devices, links to fire alarm systems. All can affect the level of security provided by the product. Where options are not covered in the listing, those options fall outside the scope of that product's certification.

#### **Alluser Industrie Srl**

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Certificate No: 1479b to LPS 1175: Issue 8

#### **Security Portals**

| Product Name | Model | Type  | Nominal External Height (m) | Nominal External Diameter (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|---|-----------------------------|-------------------------------|---------------------|--------------------|-----------------|---------------|
| C3           | S1    | Cylindrical portal with two pairs of bi-parting doors | 2.29, 2.395, 2.56           | 1.381                         | 2.03, 2.135, 2.3    | 0.86               | A1 (SR1)        | 1479b/01      |
|              | R-S1  | Cylindrical portal with two pairs of bi-parting doors | 2.32, 2.42, 2.585           | 1.381                         | 2.035, 2.135, 2.3   | 0.86               | A1 (SR1)        |               |
|              | S2    | Cylindrical portal with two pairs of bi-parting doors | 2.29, 2.395, 2.56           | 1.381                         | 2.03, 2.135, 2.3    | 0.86               | B3 (SR2)        |               |
|              | R-S2  | Cylindrical portal with two pairs of bi-parting doors | 2.32, 2.42, 2.585           | 1.381                         | 2.035, 2.135, 2.3   | 0.86               | B3 (SR2)        |               |
|              | S3    | Cylindrical portal with two pairs of bi-parting doors | 2.29, 2.395, 2.56           | 1.381                         | 2.03, 2.135, 2.3    | 0.86               | C5 (SR3)        |               |
|              | R-S3  | Cylindrical portal with two pairs of bi-parting doors | 2.32, 2.42, 2.585           | 1.381                         | 2.035, 2.135, 2.3   | 0.86               | C5 (SR3)        |               |

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Certificate No: 1479c to LPS 1175: Issue 8

**Security Portals**

| Product Name | Model | Type  | Nominal External Height (m) | Nominal External Diameter (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|---|-----------------------------|-------------------------------|---------------------|--------------------|-----------------|---------------|
| C190         | S1    | Cylindrical portal with two pairs of bi-parting doors | 2.22, 2.295, 2.46           | 1.911                         | 2.06, 2.135, 2.3    | 1.2                | A1 (SR1)        | 1479c/01      |
|              | S2    | Cylindrical portal with two pairs of bi-parting doors | 2.22, 2.295, 2.46           | 1.911                         | 2.06, 2.135, 2.3    | 1.2                | B3 (SR2)        |               |
|              | S3    | Cylindrical portal with two pairs of bi-parting doors | 2.22, 2.295, 2.46           | 1.911                         | 2.06, 2.135, 2.3    | 1.2                | C5 (SR3)        |               |

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Certificate No: 1479d to LPS 1175: Issue 8

**Security Portals**

| Product Name | Model | Type   | Nominal External Height (m) | Nominal External Diameter (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|--|-----------------------------|-------------------------------|---------------------|--------------------|-----------------|---------------|
| FPJ1402HP    | S1    | Oblong portal with two pairs of bi-parting doors | 2.29, 2.395, 2.56           | 1.381                         | 2.03, 2.135, 2.3    | 0.86               | A1 (SR1)        | 1479d/01      |
|              | R-S1  | Oblong portal with two pairs of bi-parting doors | 2.32, 2.42, 2.585           | 1.381                         | 2.035, 2.135, 2.3   | 0.86               | A1 (SR1)        |               |
|              | S2    | Oblong portal with two pairs of bi-parting doors | 2.29, 2.395, 2.56           | 1.381                         | 2.03, 2.135, 2.3    | 0.86               | B3 (SR2)        |               |
|              | R-S2  | Oblong portal with two pairs of bi-parting doors | 2.32, 2.42, 2.585           | 1.381                         | 2.035, 2.135, 2.3   | 0.86               | B3 (SR2)        |               |
|              | S3    | Oblong portal with two pairs of bi-parting doors | 2.29, 2.395, 2.56           | 1.381                         | 2.03, 2.135, 2.3    | 0.86               | C5 (SR3)        |               |
|              | R-S3  | Oblong portal with two pairs of bi-parting doors | 2.32, 2.42, 2.585           | 1.381                         | 2.035, 2.135, 2.3   | 0.86               | C5 (SR3)        |               |

## PART 4: SECTION 5.12

### ENTRANCE SYSTEMS

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Certificate No: 1479e to LPS 1175: Issue 8

#### Security Portals

| Product Name | Model | Type   | Nominal External Height (m) | Nominal External Diameter (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|--|-----------------------------|-------------------------------|---------------------|--------------------|-----------------|---------------|
| FPJ1401A     | S1    | Half cylindrical portal with a pair of external bi-parting doors and internal swing door | 2.29, 2.395, 2.56           | 1.381                         | 2.03, 2.135, 2.3    | 0.86               | A1 (SR1)        | 1479e/01      |
|              | R-S1  | Half cylindrical portal with a pair of external bi-parting doors and internal swing door | 2.32, 2.42, 2.585           | 1.381                         | 2.035, 2.135, 2.3   | 0.86               | A1 (SR1)        |               |
|              | S2    | Half cylindrical portal with a pair of external bi-parting doors and internal swing door | 2.29, 2.395, 2.56           | 1.381                         | 2.03, 2.135, 2.3    | 0.86               | B3 (SR2)        |               |
|              | R-S2  | Half cylindrical portal with a pair of external bi-parting doors and internal swing door | 2.32, 2.42, 2.585           | 1.381                         | 2.035, 2.135, 2.3   | 0.86               | B3 (SR2)        |               |

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Certificate No: 1479f to LPS 1175: Issue 8

#### Security Portals

| Product Name | Model | Type   | Nominal External Height (m) | Nominal External Diameter (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|--|-----------------------------|-------------------------------|---------------------|--------------------|-----------------|---------------|
| FPJ1402S     | S1    | Half cylindrical portal with a pair of external bi-parting doors and internal sliding door | 2.29, 2.395, 2.56           | 1.381                         | 2.03, 2.135, 2.3    | 0.86               | A1 (SR1)        | 1479f/01      |
|              | R-S1  | Half cylindrical portal with a pair of external bi-parting doors and internal sliding door | 2.32, 2.42, 2.585           | 1.381                         | 2.035, 2.135, 2.3   | 0.86               | A1 (SR1)        |               |
|              | S2    | Half cylindrical portal with a pair of external bi-parting doors and internal sliding door | 2.29, 2.395, 2.56           | 1.381                         | 2.03, 2.135, 2.3    | 0.86               | B3 (SR2)        |               |
|              | R-S2  | Half cylindrical portal with a pair of external bi-parting doors and internal sliding door | 2.32, 2.42, 2.585           | 1.381                         | 2.035, 2.135, 2.3   | 0.86               | B3 (SR2)        |               |



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Certificate No: 1479g to LPS 1175: Issue 8

**Security Portals**

| Product Name | Model | Type   | Nominal External Height (m) | Nominal External Diameter (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|--|-----------------------------|-------------------------------|---------------------|--------------------|-----------------|---------------|
| HPJ140       | S1    | Half cylindrical portal with a pair of external bi-parting doors and internal swing door | 2.29, 2.395, 2.56           | 1.381                         | 2.03, 2.135, 2.3    | 0.86               | A1 (SR1)        | 1479g/01      |
|              | R-S1  | Half cylindrical portal with a pair of external bi-parting doors and internal swing door | 2.32, 2.42, 2.585           | 1.381                         | 2.035, 2.135, 2.3   | 0.86               | A1 (SR1)        |               |
|              | S2    | Half cylindrical portal with a pair of external bi-parting doors and internal swing door | 2.29, 2.395, 2.56           | 1.381                         | 2.03, 2.135, 2.3    | 0.86               | B3 (SR2)        |               |
|              | R-S2  | Half cylindrical portal with a pair of external bi-parting doors and internal swing door | 2.32, 2.42, 2.585           | 1.381                         | 2.035, 2.135, 2.3   | 0.86               | B3 (SR2)        |               |

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Certificate No: 1479h to LPS 1175: Issue 8

**Security Portals**

| Product Name | Model | Type                                     | Nominal External Height (m) | Nominal External Diameter (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|--|-----------------------------|-------------------------------|---------------------|--------------------|-----------------|---------------|
| C1           | S1    | Cylindrical portal with two single doors | 2.29, 2.395, 2.56           | 0.988                         | 2.03, 2.135, 2.3    | 0.6                | A1 (SR1)        | 1479h/01      |
|              | R-S1  | Cylindrical portal with two single doors | 2.32, 2.42, 2.585           | 0.988                         | 2.035, 2.135, 2.3   | 0.6                | A1 (SR1)        |               |
|              | S2    | Cylindrical portal with two single doors | 2.29, 2.395, 2.56           | 0.988                         | 2.03, 2.135, 2.3    | 0.6                | B3 (SR2)        |               |
|              | R-S2  | Cylindrical portal with two single doors | 2.32, 2.42, 2.585           | 0.988                         | 2.035, 2.135, 2.3   | 0.6                | B3 (SR2)        |               |
|              | S3    | Cylindrical portal with two single doors | 2.29, 2.395, 2.56           | 0.988                         | 2.03, 2.135, 2.3    | 0.6                | C5 (SR3)        |               |
|              | R-S3  | Cylindrical portal with two single doors | 2.32, 2.42, 2.585           | 0.988                         | 2.035, 2.135, 2.3   | 0.6                | C5 (SR3)        |               |

## PART 4: SECTION 5.12

### ENTRANCE SYSTEMS

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Certificate No: 1479i to LPS 1175: Issue 8

#### Security Portals

| Product Name | Model | Type                                     | Nominal External Height (m) | Nominal External Diameter (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|--|-----------------------------|-------------------------------|---------------------|--------------------|-----------------|---------------|
| C2           | S1    | Cylindrical portal with two single doors | 2.29, 2.395, 2.56           | 1.151                         | 2.03, 2.135, 2.3    | 0.7                | A1 (SR1)        | 1479i/01      |
|              | R-S1  | Cylindrical portal with two single doors | 2.32, 2.42, 2.585           | 1.151                         | 2.035, 2.135, 2.3   | 0.7                | A1 (SR1)        |               |
|              | S2    | Cylindrical portal with two single doors | 2.29, 2.395, 2.56           | 1.151                         | 2.03, 2.135, 2.3    | 0.7                | B3 (SR2)        |               |
|              | R-S2  | Cylindrical portal with two single doors | 2.32, 2.42, 2.585           | 1.151                         | 2.035, 2.135, 2.3   | 0.7                | B3 (SR2)        |               |
|              | S3    | Cylindrical portal with two single doors | 2.29, 2.395, 2.56           | 1.151                         | 2.03, 2.135, 2.3    | 0.7                | C5 (SR3)        |               |
|              | R-S3  | Cylindrical portal with two single doors | 2.32, 2.42, 2.585           | 1.151                         | 2.035, 2.135, 2.3   | 0.7                | C5 (SR3)        |               |

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Certificate No: 1479j to LPS 1175: Issue 8

#### Security Portals

| Product Name | Model | Type                                     | Nominal External Height (m) | Nominal External Diameter (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|--|-----------------------------|-------------------------------|---------------------|--------------------|-----------------|---------------|
| C3-2A        | S1    | Cylindrical portal with two single doors | 2.29, 2.395, 2.56           | 1.151                         | 2.03, 2.135, 2.3    | 0.86               | A1 (SR1)        | 1479j/01      |
|              | R-S1  | Cylindrical portal with two single doors | 2.32, 2.42, 2.585           | 1.151                         | 2.035, 2.135, 2.3   | 0.86               | A1 (SR1)        |               |
|              | S2    | Cylindrical portal with two single doors | 2.29, 2.395, 2.56           | 1.151                         | 2.03, 2.135, 2.3    | 0.86               | B3 (SR2)        |               |
|              | R-S2  | Cylindrical portal with two single doors | 2.32, 2.42, 2.585           | 1.151                         | 2.035, 2.135, 2.3   | 0.86               | B3 (SR2)        |               |

**PART 4: SECTION 5.12****ENTRANCE SYSTEMS**

| Product Name | Model | Type                                     | Nominal External Height (m) | Nominal External Diameter (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|--|-----------------------------|-------------------------------|---------------------|--------------------|-----------------|---------------|
|              | S3    | Cylindrical portal with two single doors | 2.29, 2.395, 2.56           | 1.151                         | 2.03, 2.135, 2.3    | 0.86               | C5 (SR3)        |               |
|              | R-S3  | Cylindrical portal with two single doors | 2.32, 2.42, 2.585           | 1.151                         | 2.035, 2.135, 2.3   | 0.86               | C5 (SR3)        |               |

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Certificate No: 1479k to LPS 1175: Issue 8

**Security Portals**

| Product Name | Model | Type                                | Nominal External Height (m) | Nominal External Width / Depth (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|-------------------------------------|-----------------------------|------------------------------------|---------------------|--------------------|-----------------|---------------|
| E1           | S1    | Square portal with two single doors | 2.29, 2.395, 2.56           | 0.995 / 0.995                      | 2.03, 2.135, 2.3    | 0.6                | A1 (SR1)        | 1479k/01      |
|              | R-S1  | Square portal with two single doors | 2.32, 2.42, 2.585           | 0.995 / 0.995                      | 2.035, 2.135, 2.3   | 0.6                | A1 (SR1)        |               |
|              | S2    | Square portal with two single doors | 2.29, 2.395, 2.56           | 0.995 / 0.995                      | 2.03, 2.135, 2.3    | 0.6                | B3 (SR2)        |               |
|              | R-S2  | Square portal with two single doors | 2.32, 2.42, 2.585           | 0.995 / 0.995                      | 2.035, 2.135, 2.3   | 0.6                | B3 (SR2)        |               |
|              | S3    | Square portal with two single doors | 2.29, 2.395, 2.56           | 0.995 / 0.995                      | 2.03, 2.135, 2.3    | 0.6                | C5 (SR3)        |               |
|              | R-S3  | Square portal with two single doors | 2.32, 2.42, 2.585           | 0.995 / 0.995                      | 2.035, 2.135, 2.3   | 0.6                | C5 (SR3)        |               |

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Certificate No: 1479m to LPS 1175: Issue 8

**Security Portals**

| Product Name | Model | Type                                | Nominal External Height (m) | Nominal External Width / Depth (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|-------------------------------------|-----------------------------|------------------------------------|---------------------|--------------------|-----------------|---------------|
| E2           | S1    | Square portal with two single doors | 2.29, 2.395, 2.56           | 1.15 / 1.15                        | 2.03, 2.135, 2.3    | 0.7                | A1 (SR1)        | 1479m/01      |

## PART 4: SECTION 5.12

### ENTRANCE SYSTEMS

| Product Name | Model | Type                                | Nominal External Height (m) | Nominal External Width / Depth (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|-------------------------------------|-----------------------------|------------------------------------|---------------------|--------------------|-----------------|---------------|
|              | R-S1  | Square portal with two single doors | 2.32, 2.42, 2.585           | 1.15 / 1.15                        | 2.035, 2.135, 2.3   | 0.7                | A1 (SR1)        |               |
|              | S2    | Square portal with two single doors | 2.29, 2.395, 2.56           | 1.15 / 1.15                        | 2.03, 2.135, 2.3    | 0.7                | B3 (SR2)        |               |
|              | R-S2  | Square portal with two single doors | 2.32, 2.42, 2.585           | 1.15 / 1.15                        | 2.035, 2.135, 2.3   | 0.7                | B3 (SR2)        |               |
|              | S3    | Square portal with two single doors | 2.29, 2.395, 2.56           | 1.15 / 1.15                        | 2.03, 2.135, 2.3    | 0.7                | C5 (SR3)        |               |
|              | R-S3  | Square portal with two single doors | 2.32, 2.42, 2.585           | 1.15 / 1.15                        | 2.035, 2.135, 2.3   | 0.7                | C5 (SR3)        |               |

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Certificate No: 1479n to LPS 1175: Issue 8

#### Security Portals

| Product Name | Model | Type                                | Nominal External Height (m) | Nominal External Width / Depth (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|-------------------------------------|-----------------------------|------------------------------------|---------------------|--------------------|-----------------|---------------|
| E3-2A        | S1    | Square portal with two single doors | 2.29, 2.395, 2.56           | 1.382 / 1.382                      | 2.03, 2.135, 2.3    | 0.86               | A1 (SR1)        | 1479n/01      |
|              | R-S1  | Square portal with two single doors | 2.32, 2.42, 2.585           | 1.382 / 1.382                      | 2.035, 2.135, 2.3   | 0.86               | A1 (SR1)        |               |
|              | S2    | Square portal with two single doors | 2.29, 2.395, 2.56           | 1.382 / 1.382                      | 2.03, 2.135, 2.3    | 0.86               | B3 (SR2)        |               |
|              | R-S2  | Square portal with two single doors | 2.32, 2.42, 2.585           | 1.382 / 1.382                      | 2.035, 2.135, 2.3   | 0.86               | B3 (SR2)        |               |
|              | S3    | Square portal with two single doors | 2.29, 2.395, 2.56           | 1.382 / 1.382                      | 2.03, 2.135, 2.3    | 0.86               | C5 (SR3)        |               |
|              | R-S3  | Square portal with two single doors | 2.32, 2.42, 2.585           | 1.382 / 1.382                      | 2.035, 2.135, 2.3   | 0.86               | C5 (SR3)        |               |

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Certificate No: 1479p to LPS 1175: Issue 8

**Security Portals**

| Product Name | Model | Type   | Nominal External Height (m) | Nominal External Width / Depth (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|--|-----------------------------|------------------------------------|---------------------|--------------------|-----------------|---------------|
| E3           | S1    | Square portal with two pairs of bi-parting doors | 2.29, 2.395, 2.56           | 1.382 / 1.382                      | 2.03, 2.135, 2.3    | 0.86               | A1 (SR1)        | 1479p/01      |
|              | R-S1  | Square portal with two pairs of bi-parting doors | 2.32, 2.42, 2.585           | 1.382 / 1.382                      | 2.035, 2.135, 2.3   | 0.86               | A1 (SR1)        |               |
|              | S2    | Square portal with two pairs of bi-parting doors | 2.29, 2.395, 2.56           | 1.382 / 1.382                      | 2.03, 2.135, 2.3    | 0.86               | B3 (SR2)        |               |
|              | R-S2  | Square portal with two pairs of bi-parting doors | 2.32, 2.42, 2.585           | 1.382 / 1.382                      | 2.035, 2.135, 2.3   | 0.86               | B3 (SR2)        |               |
|              | S3    | Square portal with two pairs of bi-parting doors | 2.29, 2.395, 2.56           | 1.382 / 1.382                      | 2.03, 2.135, 2.3    | 0.86               | C5 (SR3)        |               |
|              | R-S3  | Square portal with two pairs of bi-parting doors | 2.32, 2.42, 2.585           | 1.382 / 1.382                      | 2.035, 2.135, 2.3   | 0.86               | C5 (SR3)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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**UK Sales Office**

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Certificate No: 1540a to LPS 1175: Issue 8

**Security Portals**

| Product Name  | Model | Type  | Nominal External Height (m) | Nominal External Diameter (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|---------------|-------|---|-----------------------------|-------------------------------|---------------------|--------------------|-----------------|---------------|
| ClearLock 635 | 635-1 | Cylindrical portal with two single leaf doors | 2.35                        | 1.052                         | 2.074               | 0.58               | A1 (SR1)        | 1540a/01      |
|               | 635-2 | Cylindrical portal with two single leaf doors | 2.35                        | 1.052                         | 2.074               | 0.58               | B3 (SR2)        |               |
|               | 635-3 | Cylindrical portal with two single leaf doors | 2.35                        | 1.052                         | 2.074               | 0.58               | C5 (SR3)        |               |

A copy of the certificate, confirming the full scope of approval may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 5.12**

### **ENTRANCE SYSTEMS**

#### **UK Sales Office**

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**Certificate No: 1540b to LPS 1175: Issue 8**

#### **Security Portals**

| <b>Product Name</b> | <b>Model</b> | <b>Type</b>                                   | <b>Nominal External Height (m)</b> | <b>Nominal External Diameter (m)</b> | <b>Entrance Height (m)</b> | <b>Entrance Width (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|--------------|---|------------------------------------|--------------------------------------|----------------------------|---------------------------|------------------------|----------------------|
| ClearLock 637       | 637-1        | Cylindrical portal with two single leaf doors | 2.35                               | 1.5                                  | 2.074                      | 0.9                       | A1 (SR1)               | 1540b/01             |
|                     | 637-2        | Cylindrical portal with two single leaf doors | 2.35                               | 1.5                                  | 2.074                      | 0.9                       | B3 (SR2)               |                      |
|                     | 637-3        | Cylindrical portal with two single leaf doors | 2.35                               | 1.5                                  | 2.074                      | 0.9                       | C5 (SR3)               |                      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Many important facilities, especially those of utility companies, are unmanned and remote from the main business. At the request of the utility companies, access covers protecting items such as valves, switchgear and meters are now security rated to provide protection against malicious attack.

LPCB approves access covers to LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers*. The approval procedures and conditions that apply to access covers are the same as those that apply to security doors and shutters.

It is important that specifiers only select access covers that are covered by the scope detailed on the certificate since products that fall outside that scope may not provide an equivalent level of security.

It is also important to ensure that the products are installed in accordance with the manufacturer's instructions and that all exposed fixings, the substrate into which the device is fitted and the locking mechanisms are regularly checked to ensure that they are in good condition and that they have not been tampered with.

### EJ Ardennes

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E-mail: [info@lpcb@ejco.com](mailto:info@lpcb@ejco.com) • Website: [www.ejco.com](http://www.ejco.com)

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Certificate No: 1187a to LPS 1175: Issue 7

### Horizontal and Vertical Access Covers

| Product Name   | Type  | Minimum Width <sup>1</sup> of Internal Opening (mm) | Maximum Width <sup>1</sup> of Internal Opening (mm) | Minimum Length <sup>2</sup> of Internal Opening (mm) | Maximum Length <sup>2</sup> of Internal Opening (mm) | Compatible Padlocks | Security Rating <sup>3,4</sup> | LPCB Ref. No. |
|----------------|---|---|---|--|--|---------------------|--------------------------------|---------------|
| Defenso AG SR3 | Single leaf horizontal upstand access cover               | 200   | 1500  | 200  | 2400   | D, E, J, K, M to Q  | 3                              | 1187a/04      |
|                | Twin leaf end-hinged horizontal upstand access cover      | 400   | 3000  | 400  | 2400   | D, E, J, K, M to Q  | 3                              |               |
|                | Multi-leaf in-line hinged horizontal upstand access cover | 400   | 1500  | 700  | Unlimited  | D, E, J, K, M to Q  | 3                              |               |
| Defenso AT SR3 | Multi leaf horizontal lift-off access cover               | 400   | 2500  | 700  | Unlimited  | D, E, J, K, M to Q  | 3                              | 1187a/06      |

## PART 4: SECTION 6

### ACCESS COVERS AND HATCHES

| Product Name                | Type  | Minimum Width <sup>1</sup> of Internal Opening (mm) | Maximum Width <sup>1</sup> of Internal Opening (mm) | Minimum Length <sup>2</sup> of Internal Opening (mm) | Maximum Length <sup>2</sup> of Internal Opening (mm) | Compatible Padlocks       | Security Rating <sup>3,4</sup> | LPCB Ref. No. |
|-----------------------------|---|---|---|--|--|---------------------------|--------------------------------|---------------|
| Defenso AW SR3              | Single leaf vertical access cover                           | 300   | 700   | 300  | 700  | A, C to E, G to K, M to Q | 3                              | 1187a/13      |
| Defenso FF SR3              | Single leaf horizontal flush-fit access cover               | 200   | 1500  | 200  | 2000   | A, C to E, G to K, M to Q | 3                              | 1187a/02      |
|                             | Twin leaf end-hinged horizontal flush-fit access cover      | 700   | 3000  | 400  | 2000   | A, C to E, G to K, M to Q | 3                              |               |
|                             | Multi-leaf in-line hinged horizontal flush-fit access cover | 300   | 1000  | 1000   | Unlimited  | A, C to E, G to I         | 3                              |               |
| Garrison Flush TopLOK LPC3  | Single leaf horizontal flush-fit access cover               | 300   | 1200  | 300  | 1500   | A to M, R, S              | 3                              | 1187a/07      |
|                             | Twin leaf in-line hinged horizontal flush-fit access cover  | 300   | 1200  | 600  | 3000   | A to M, R, S              | 3                              |               |
|                             | Multi leaf in-line hinged horizontal flush-fit access cover | 300   | 1200  | 600  | Unlimited  | A to M, R, S              | 3                              |               |
| Garrison Hybrid TopLOK LPC3 | Single leaf horizontal upstand access cover                 | 300   | 1200  | 300  | 1500   | A to M, R, S              | 3                              | 1187a/08      |
|                             | Twin leaf in-line hinged horizontal upstand access cover    | 300   | 1200  | 600  | 3000   | A to M, R, S              | 3                              |               |
|                             | Multi leaf in-line hinged horizontal upstand access cover   | 300   | 1200  | 600  | Unlimited  | A to M, R, S              | 3                              |               |
| Defenso AG SR4              | Single leaf horizontal upstand access cover                 | 350   | 1500  | 350  | 2400   | A, C to E, J to Q         | 4                              | 1187a/01      |
|                             | Twin leaf end-hinged horizontal upstand access cover        | 400   | 3000  | 400  | 2400   | A, C to E, J to Q         | 4                              |               |
|                             | Multi-leaf in-line hinged horizontal upstand access cover   | 600   | 1100  | 1100   | Unlimited  | A, C to E                 | 4                              |               |
| Defenso AT SR4              | Multi-leaf horizontal lift-off access cover                 | 400   | 2500  | 700  | Unlimited  | A, C to E, J to Q         | 4                              | 1187a/05      |
| Defenso AW SR4              | Single leaf vertical access cover                           | 300   | 700   | 300  | 700  | E, I, N                   | 4                              | 1187a/14      |



**PART 4: SECTION 6**  
ACCESS COVERS AND HATCHES

| Product Name                   | Type  | Minimum Width <sup>1</sup> of Internal Opening (mm) | Maximum Width <sup>1</sup> of Internal Opening (mm) | Minimum Length <sup>2</sup> of Internal Opening (mm) | Maximum Length <sup>2</sup> of Internal Opening (mm) | Compatible Padlocks | Security Rating <sup>3,4</sup> | LPCB Ref. No. |
|--------------------------------|---|---|---|--|--|---------------------|--------------------------------|---------------|
| Defenso FF SR4                 | Single leaf horizontal flush-fit access cover               | 200   | 1500  | 200  | 2000   | E, I, N             | 4                              | 1187a/03      |
|                                | Twin leaf end-hinged horizontal flush-fit access cover      | 700   | 3000  | 400  | 2000   | E, I, N             | 4                              |               |
|                                | Multi-leaf in-line hinged horizontal flush-fit access cover | 300   | 1000  | 1000   | Unlimited  | A, C to E, G to I   | 4                              |               |
| Garrison Flush TopLOK LPC4     | Single leaf horizontal flush-fit access cover               | 300   | 1200  | 300  | 1500   | A, C to K           | 4                              | 1187a/09      |
|                                | Twin leaf in-line hinged horizontal flush-fit access cover  | 300   | 1200  | 600  | 3000   | A, C to K           | 4                              |               |
|                                | Multi leaf in-line hinged horizontal flush-fit access cover | 300   | 1200  | 600  | Unlimited  | A, C to K           | 4                              |               |
| Garrison Hybrid TopLOK LPC4    | Single leaf horizontal upstand access cover                 | 300   | 1200  | 300  | 1500   | A, C to K           | 4                              | 1187a/10      |
|                                | Twin leaf in-line hinged horizontal upstand access cover    | 300   | 1200  | 600  | 3000   | A, C to K           | 4                              |               |
|                                | Multi leaf in-line hinged horizontal upstand access cover   | 300   | 1200  | 600  | Unlimited  | A, C to K           | 4                              |               |
| Garrison Upstand SlideLOK LPC4 | Single leaf horizontal upstand access cover                 | 450   | 1200  | 450  | 1450   | A to D, G, H, J, K  | 4                              | 1187a/11      |
|                                | Twin leaf in-line hinged horizontal upstand access cover    | 450   | 1200  | 900  | 2900   | A to D, G, H, J, K  | 4                              |               |
| Garrison Upstand TopLOK LPC4   | Single leaf horizontal upstand access cover                 | 300   | 1200  | 300  | 1800   | A, C to K           | 4                              | 1187a/12      |
|                                | Twin leaf in-line hinged horizontal upstand access cover    | 300   | 1200  | 600  | 3600   | A, C to K           | 4                              |               |
|                                | Twin leaf end hinged horizontal upstand access cover        | 600   | 2400  | 300  | 1800   | A, C to K           | 4                              |               |
|                                | Quad leaf horizontal upstand access cover                   | 1200  | 2400  | 1200   | 3600   | A, C to K           | 4                              |               |

## PART 4: SECTION 6

### ACCESS COVERS AND HATCHES

| Product Name | Type  | Minimum Width <sup>1</sup> of Internal Opening (mm) | Maximum Width <sup>1</sup> of Internal Opening (mm) | Minimum Length <sup>2</sup> of Internal Opening (mm) | Maximum Length <sup>2</sup> of Internal Opening (mm) | Compatible Padlocks | Security Rating <sup>3,4</sup> | LPCB Ref. No. |
|--------------|---|---|---|--|--|---------------------|--------------------------------|---------------|
|              | Multi leaf in-line hinged horizontal upstand access cover | 300   | 1200  | 600  | Unlimited  | A, C to K           | 4                              |               |
|              | Multi leaf end hinged horizontal upstand access cover     | 600   | 2400  | 300  | Unlimited  | A, C to K           | 4                              |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1311a to LPS 1175: Issue 7

#### Horizontal Access Covers

| Product Name                             | Type                              | Width of Internal Opening (mm) | Length of Internal Opening (mm) | Security Rating | LPCB Ref. No. |  |
|--|-----------------------------------|--------------------------------|---------------------------------|-----------------|---------------|--|
| Hugslock System Intelligent Access Cover | Single leaf recessed access cover | 300                            | 300                             | 3               | 1311a/01      |  |
|  | Single leaf recessed access cover | 380                            | 230                             | 3               |               |  |
|  | Single leaf recessed access cover | 450                            | 300                             | 3               |               |  |
|  | Single leaf recessed access cover | 450                            | 450                             | 3               |               |  |
|  | Single leaf recessed access cover | 550                            | 315                             | 3               |               |  |
|  | Single leaf recessed access cover | 600                            | 450                             | 3               |               |  |
|  | Single leaf recessed access cover | 725                            | 255                             | 3               |               |  |
|  | Twin leaf recessed access cover   | 610                            | 610                             | 3               | 1311a/02      |  |
|  | Twin leaf recessed access cover   | 750                            | 600                             | 3               |               |  |
|  | Triple leaf recessed access cover | 915                            | 445                             | 3               | 1311a/03      |  |
|  |                                   |                                |                                 |                 |               |  |
|  |                                   |                                |                                 |                 |               |  |
|  |                                   |                                |                                 |                 |               |  |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1294a to LPS 1175: Issue 7

**Horizontal Access Covers**

| Product Name | Type   | Minimum Width <sup>1</sup> of Internal Opening (m) | Maximum Width <sup>1</sup> of Internal Opening (m) | Minimum Length <sup>2</sup> of Internal Opening (m) | Maximum Length <sup>2</sup> of Internal Opening (m) | Compatible Padlocks | Security Rating | LPCB Ref. No. |
|--------------|--|--|--|---|---|---------------------|-----------------|---------------|
| Citadel      | Single leaf horizontal hinged upstand access cover         | 0.6  | 1.2  | 0.6   | 1.2   | A to C              | 4               | 1294a/01      |
|              | Twin leaf in-line hinged horizontal upstand access cover   | 0.6  | 1.2  | 1.2   | 2.4   | A to C              | 4               |               |
|              | Triple leaf in-line hinged horizontal upstand access cover | 0.6  | 1.2  | 2.4   | 3.6   | A to C              | 4               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 953t to LPS 1175: Issue 8

**Horizontal Access Covers**

| Product Name | Type  | Minimum Width of Internal Opening (mm) | Maximum Width of Internal Opening (mm) | Minimum Length of Internal Opening (mm) | Maximum Length of Internal Opening (mm) | Security Rating | LPCB Ref. No. |
|--------------|---|--|--|---|---|-----------------|---------------|
| Trojan 3     | Single leaf horizontal upstand access cover               | 400                                    | 2000                                   | 400                                     | 1200                                    | C5 (SR3)        | 953t/01       |
|              | Multi leaf horizontal in-line hinged upstand access cover | 400                                    | 2000                                   | 800                                     | Unlimited                               | C5 (SR3)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 953u to LPS 1175: Issue 8

**Horizontal Access Covers**

| Product Name | Type  | Minimum Width of Internal Opening (mm) | Maximum Width of Internal Opening (mm) | Minimum Length of Internal Opening (mm) | Maximum Length of Internal Opening (mm) | Security Rating | LPCB Ref. No. |
|--------------|---|--|--|---|---|-----------------|---------------|
| Trojan 4     | Single leaf horizontal upstand access cover               | 400                                    | 2000                                   | 400                                     | 1200                                    | D10 (SR4)       | 953u/01       |
|              | Multi leaf horizontal in-line hinged upstand access cover | 400                                    | 2000                                   | 800                                     | Unlimited                               | D10 (SR4)       |               |

## PART 4: SECTION 6

### ACCESS COVERS AND HATCHES

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Saint-Gobain PAM UK

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Certificate No: 1303a to LPS 1175: Issue 7

#### Horizontal Access Covers

| Product Name          | Type   | Width <sup>1</sup> of Internal Opening (mm) | Length <sup>2</sup> of Internal Opening (mm) | Compatible Locking Systems | Security Rating | LPCB Ref. No. |
|-----------------------|--|---|--|----------------------------|-----------------|---------------|
| OPT-Emax-T-LOK Type A | Quad leaf flush-fitting ductile iron horizontal access cover | 900   | 1340   | 1                          | 3               | 1303a/01      |
| OPT-Emax-T-LOK Type B | Twin leaf flush-fitting ductile iron horizontal access cover | 750   | 700  | 1                          | 3               | 1303a/02      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### Steelway Fensecure Limited t/a Steelway Brickhouse

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Certificate No: 645b to LPS 1175: Issue 7

#### Horizontal Access Covers

| Product Name   | Type   | Minimum Width <sup>1</sup> of Internal Opening (mm) | Maximum Width <sup>1</sup> of Internal Opening (mm) | Minimum Length <sup>1</sup> of Internal Opening (mm) | Maximum Length <sup>1</sup> of Internal Opening (mm) | Compatible Padlocks | Security Rating <sup>2</sup> | LPCB Ref. No. |
|----------------|--|---|---|--|--|---------------------|------------------------------|---------------|
| Briplate SUB   | Single leaf undercover access cover          | 475   | 1800  | 475  | 1800   | D                   | 3                            | 645b/01       |
| Multi-Guard 3  | Single leaf flush-fitting access cover       | 450   | 2000  | 450  | 1200   | D                   | 3                            | 645b/02       |
|                | Twin end-hinged flush-fitting access cover   | 1050  | 2700  | 450  | 2000   | D                   | 3                            |               |
|                | Triple end-hinged flush-fitting access cover | 1250  | 4300  | 450  | 2000   | D                   | 3                            |               |
|                | Multiple leaf flush-fitting access cover     | 1050  | 4300  | 900  | Unlimited  | D                   | 3                            |               |
| Multi-Guard V3 | Single leaf flush-fitting access cover       | 450   | 2000  | 450  | 1200   | D                   | 3                            | 645b/03       |
|                | Twin end-hinged flush-fitting access cover   | 1050  | 2700  | 450  | 2000   | D                   | 3                            |               |

**PART 4: SECTION 6**  
ACCESS COVERS AND HATCHES

| Product Name    | Type  | Minimum Width <sup>1</sup> of Internal Opening (mm) | Maximum Width <sup>1</sup> of Internal Opening (mm) | Minimum Length <sup>1</sup> of Internal Opening (mm) | Maximum Length <sup>1</sup> of Internal Opening (mm) | Compatible Padlocks | Security Rating <sup>2</sup> | LPCB Ref. No. |
|-----------------|---|---|---|--|--|---------------------|------------------------------|---------------|
|                 | Triple end-hinged flush-fitting access cover          | 1250  | 4300  | 450  | 2000   | D                   | 3                            |               |
|                 | Multiple leaf flush-fitting access cover              | 1050  | 4300  | 900  | Unlimited  | D                   | 3                            |               |
| Sentry          | Single leaf upstand access cover                      | 300   | 1100  | 300  | 1200   | A, C, D and G       | 3                            | 645b/04       |
|                 | Twin leaf in-line hinged upstand access cover         | 1200  | 2200  | 600  | 1000   | A, C, D and G       | 3                            |               |
|                 | Twin leaf end-line hinged upstand access cover        | 600   | 1500  | 1200   | 2200   | A, C, D and G       | 3                            |               |
| Sentry Lift-Off | Single leaf lift-off upstand access cover             | 450   | 3400  | 450  | 7400   | N/A                 | 3                            | 645b/05       |
|                 | Multiple leaf lift-off upstand access cover           | 900   | Unlimited   | 450  | 7400   | N/A                 | 3                            |               |
|                 | Single leaf lift-off upstand access cover             | 450   | 3400  | 450  | 7400   | N/A                 | 4                            | 645b/06       |
|                 | Multiple leaf lift-off upstand access cover           | 900   | Unlimited   | 450  | 7400   | N/A                 | 4                            |               |
| Sentry Mk2      | Single leaf upstand access cover                      | 475   | 1200  | 475  | 1200   | A, C and D          | 4                            | 645b/07       |
| Sentry SEC 47   | Single leaf upstand access cover                      | 300   | 1800  | 300  | 1200   | A to F and H        | 4 <sup>3</sup>               | 645b/08       |
|                 | Twin end-hinged upstand access cover                  | 300   | 1800  | 750  | 2500   | A to F and H        | 4 <sup>3</sup>               |               |
|                 | Four in-line hinged upstand access cover              | 1800  | 6600  | 300  | 1200   | A to F and H        | 4 <sup>3</sup>               |               |
|                 | Four end-hinged upstand access cover                  | 900   | 3200  | 750  | 2500   | A to F and H        | 4 <sup>3</sup>               |               |
|                 | Six end-hinged upstand access cover                   | 1350  | 4800  | 750  | 2500   | A to F and H        | 4 <sup>3</sup>               |               |
| Defender SEC 4  | Single leaf flush-fitting access cover                | 300   | 2000  | 300  | 1200   | A, C to F and H     | 4 <sup>3</sup>               | 645b/09       |
|                 | Twin leaf in-line hinged flush-fitting access cover   | 600   | 3110  | 300  | 1200   | A, C to F and H     | 4 <sup>3</sup>               |               |
|                 | Twin leaf end hinged flush-fitting access cover       | 300   | 2000  | 750  | 2350   | A, C to F and H     | 4 <sup>3</sup>               |               |
|                 | Triple leaf in-line hinged flush-fitting access cover | 900   | 4665  | 300  | 1200   | A, C to F and H     | 4 <sup>3</sup>               |               |

# PART 4: SECTION 6

## ACCESS COVERS AND HATCHES

| Product Name | Type   | Minimum Width <sup>1</sup> of Internal Opening (mm) | Maximum Width <sup>1</sup> of Internal Opening (mm) | Minimum Length <sup>1</sup> of Internal Opening (mm) | Maximum Length <sup>1</sup> of Internal Opening (mm) | Compatible Padlocks | Security Rating <sup>2</sup> | LPCB Ref. No. |
|--------------|--|---|---|--|--|---------------------|------------------------------|---------------|
|              | Four leaf in-line hinged flush-fitting access cover  | 1200  | 6220  | 300  | 1200   | A, C to F and H     | 4 <sup>3</sup>               |               |
|              | Four leaf end hinged flush-fitting access cover      | 600   | 3110  | 750  | 2350   | A, C to F and H     | 4 <sup>3</sup>               |               |
|              | Five leaf in-line hinged flush-fitting access cover  | 1500  | 7775  | 300  | 1200   | A, C to F and H     | 4 <sup>3</sup>               |               |
|              | Six leaf in-line hinged flush-fitting access cover   | 1800  | 9330  | 300  | 1200   | A, C to F and H     | 4 <sup>3</sup>               |               |
|              | Six leaf end hinged flush-fitting access cover       | 900   | 4665  | 750  | 2350   | A, C to F and H     | 4 <sup>3</sup>               |               |
|              | Seven leaf in-line hinged flush-fitting access cover | 2100  | 10885   | 300  | 1200   | A, C to F and H     | 4 <sup>3</sup>               |               |
|              | Eight leaf end hinged flush-fitting access cover     | 1200  | 6220  | 750  | 2350   | A, C to F and H     | 4 <sup>3</sup>               |               |
|              | Ten leaf end hinged flush-fitting access cover       | 1500  | 7775  | 750  | 2350   | A, C to F and H     | 4 <sup>3</sup>               |               |
|              | Twelve leaf end hinged flush-fitting access cover    | 1800  | 9330  | 750  | 2350   | A, C to F and H     | 4 <sup>3</sup>               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 450a to LPS 1175: Issue 5

#### Horizontal Access Covers

| Product Name                                  | Type   | Minimum Internal Opening Length (mm) | Maximum Internal Opening Length (mm) | Minimum Internal Opening Width (mm) | Maximum Internal Opening Width (mm) | Security Rating | LPCB Ref. No. |
|---|--|--------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|-----------------|---------------|
| Ultra Secure DV                               | Single leaf horizontal access cover <sup>8</sup> | 150                                  | 1100                                 | 150                                 | 1100                                | 4               | 450a/01       |
| Ultra Secure DV (Small Lock)                  | Single leaf horizontal access cover <sup>8</sup> | 150                                  | 1100                                 | 150                                 | 1100                                | 4               | 450a/02       |
| Ultra Secure DV4 Twin Leaf (End Hinged)       | Twin leaf horizontal access cover <sup>8</sup>   | 1100                                 | 2200                                 | 1100                                | 1800                                | 4               | 450a/04       |
| Ultra Secure DV4 Twin Leaf (In-line Hinged)   | Twin leaf horizontal access cover <sup>8</sup>   | 1100                                 | 2400                                 | 600                                 | 1100                                | 4               | 450a/05       |
| Ultra Secure DV4 Triple Leaf (In-line Hinged) | Triple leaf horizontal access cover <sup>8</sup> | 1800                                 | 3600                                 | 600                                 | 1100                                | 4               | 450a/06       |

**PART 4: SECTION 6**  
ACCESS COVERS AND HATCHES

| Product Name                           | Type   | Minimum Internal Opening Length (mm) | Maximum Internal Opening Length (mm) | Minimum Internal Opening Width (mm) | Maximum Internal Opening Width (mm) | Security Rating | LPCB Ref. No. |
|--|--|--------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|-----------------|---------------|
| Ultra Secure DV4 Triple Leaf (Special) | Triple leaf horizontal access cover <sup>8</sup> | 1800                                 | 3600                                 | 1100                                | 1800                                | 4               | 450a/07       |
| SHH1/DV                                | Single leaf flush access cover                   | 400                                  | 1200                                 | 400                                 | 1200                                | 3               | 450a/09       |
| SHH2/DV                                | Twin leaf flush access cover                     | 1200                                 | 2400                                 | 400                                 | 1200                                | 3               | 450a/10       |
| SHH3/DV                                | Triple leaf flush access cover                   | 1500                                 | 3000                                 | 400                                 | 1200                                | 3               | 450a/11       |
| SHHM/DV                                | Multiple leaf flush access cover                 | 2000                                 | 12000 <sup>7</sup>                   | 2000                                | 2400                                | 3               | 450a/12       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 450n to LPS 1175: Issue 7

**Horizontal Access Covers**

| Product Name | Type   | Minimum Width <sup>1</sup> of Internal Opening (mm) | Maximum Width <sup>1</sup> of Internal Opening (mm) | Minimum Length <sup>2</sup> of Internal Opening (mm) | Maximum Length <sup>2</sup> of Internal Opening (mm) | Compatible Padlocks   | Security Rating <sup>3</sup> | LPCB Ref. No. |
|--------------|--|---|---|--|--|-----------------------|------------------------------|---------------|
| UltraSecure  | Single leaf 'single lock' upstand access cover         | 325   | 1250  | 325  | 1250   | A, B, D, H and L to O | 2                            | 450n/24       |
|              | Single leaf 'twin front lock' upstand access cover     | 1200  | 1950  | 325  | 1250   | A, B, D, H and L to O | 2                            | 450n/25       |
|              | Single leaf 'twin side lock' upstand access cover      | 1100  | 1950  | 800  | 1250   | A, B, D, H and L to O | 2                            | 450n/26       |
|              | Twin leaf in-line 'single lock' upstand access cover   | 1200  | 2550  | 325  | 1250   | A, B, D, H and L to O | 2                            | 450n/27       |
|              | Twin leaf in-line 'twin lock' upstand access cover     | 2550  | 4200  | 325  | 1250   | A, B, D, H and L to O | 2                            | 450n/28       |
|              | Twin leaf end hinged upstand access cover              | 325   | 1950  | 1200   | 2350   | A, B, D, H and L to O | 2                            | 450n/29       |
|              | Triple leaf in-line 'single lock' upstand access cover | 2735  | 4450  | 325  | 1250   | A, B, D, H and L to O | 2                            | 450n/30       |
|              | Triple leaf end hinged upstand access cover            | 325   | 1950  | 2350   | 4150   | A, B, D, H and L to O | 2                            | 450n/31       |

## **PART 4: SECTION 6**

### **ACCESS COVERS AND HATCHES**

| <b>Product Name</b> | <b>Type</b>  | <b>Minimum Width<sup>1</sup> of Internal Opening (mm)</b> | <b>Maximum Width<sup>1</sup> of Internal Opening (mm)</b> | <b>Minimum Length<sup>2</sup> of Internal Opening (mm)</b> | <b>Maximum Length<sup>2</sup> of Internal Opening (mm)</b> | <b>Compatible Padlocks</b> | <b>Security Rating<sup>3</sup></b> | <b>LPCB Ref. No.</b> |
|---------------------|--|---|---|--|--|----------------------------|------------------------------------|----------------------|
|                     | Multiple drop on upstand access cover                  | 380   | Unlimited   | 1250   | 5000   | A, B, D, H and L to O      | 2                                  | 450n/32              |
|                     | Single leaf 'single lock' upstand access cover         | 380   | 1250  | 325  | 1250   | A to E and H to O          | 3                                  | 450n/15              |
|                     | Single leaf 'twin front lock' upstand access cover     | 1200  | 1950  | 325  | 1250   | A to E and H to O          | 3                                  | 450n/16              |
|                     | Single leaf 'twin side lock' upstand access cover      | 1100  | 1950  | 800  | 1250   | A to E and H to O          | 3                                  | 450n/17              |
|                     | Twin leaf in-line 'single lock' upstand access cover   | 1200  | 2550  | 325  | 1250   | A to E and H to O          | 3                                  | 450n/18              |
|                     | Twin leaf in-line 'twin lock' upstand access cover     | 2550  | 4200  | 325  | 1250   | A to E and H to O          | 3                                  | 450n/19              |
|                     | Twin leaf end hinged upstand access cover              | 325   | 1950  | 1200   | 2350   | A to E and H to O          | 3                                  | 450n/20              |
|                     | Triple leaf in-line 'single lock' upstand access cover | 2735  | 4450  | 325  | 1250   | A to E and H to O          | 3                                  | 450n/21              |
|                     | Triple leaf end hinged upstand access cover            | 325   | 1950  | 2350   | 4150   | A to E and H to O          | 3                                  | 450n/22              |
|                     | Multiple drop on upstand access cover                  | 380   | Unlimited   | 1250   | 5000   | A to E and H to O          | 3                                  | 450n/23              |
|                     | Single leaf 'single lock' upstand access cover         | 380   | 1250  | 325  | 1250   | C and E to K               | 4                                  | 450n/01              |
|                     | Single leaf 'twin front lock' upstand access cover     | 1200  | 1950  | 325  | 1250   | C and E to K               | 4                                  | 450n/03              |



**PART 4: SECTION 6**  
ACCESS COVERS AND HATCHES

| Product Name | Type   | Minimum Width <sup>1</sup> of Internal Opening (mm) | Maximum Width <sup>1</sup> of Internal Opening (mm) | Minimum Length <sup>2</sup> of Internal Opening (mm) | Maximum Length <sup>2</sup> of Internal Opening (mm) | Compatible Padlocks | Security Rating <sup>3</sup> | LPCB Ref. No. |
|--------------|--|---|---|--|--|---------------------|------------------------------|---------------|
|              | Single leaf 'twin side lock' upstand access cover      | 1100  | 1950  | 800  | 1250   | C and E to K        | 4                            | 450n/04       |
|              | Twin leaf in-line 'single lock' upstand access cover   | 1200  | 2550  | 325  | 1250   | C and E to K        | 4                            | 450n/02       |
|              | Twin leaf in-line 'twin lock' upstand access cover     | 2550  | 4200  | 325  | 1250   | C and E to K        | 4                            | 450n/05       |
|              | Twin leaf end hinged upstand access cover              | 325   | 1950  | 1200   | 2350   | C and E to K        | 4                            | 450n/06       |
|              | Triple leaf in-line 'single lock' upstand access cover | 2735  | 4450  | 325  | 1250   | C and E to K        | 4                            | 450n/07       |
|              | Triple leaf end hinged upstand access cover            | 325   | 1950  | 2350   | 4150   | C and E to K        | 4                            | 450n/08       |
|              | Multiple drop on upstand access cover                  | 380   | Unlimited   | 1250   | 5000   | C and E to K        | 4                            | 450n/09       |
|              | Single leaf flush-fitting access cover                 | 325   | 1200  | 325  | 1200   | C and E to K        | 4                            | 450n/10       |
|              | Twin leaf flush-fitting access cover                   | 325   | 1200  | 650  | 2400   | C and E to K        | 4                            | 450n/11       |
|              | Triple leaf flush-fitting access cover                 | 325   | 1200  | 975  | 3600   | C and E to K        | 4                            | 450n/12       |
|              | Multiple leaf flush-fitting access cover               | 650   | 2400  | 650  | Unlimited  | C and E to K        | 4                            | 450n/13       |
|              | Drop on flush-fitting access cover                     | 325   | 4900  | 325  | Unlimited  | C and E to K        | 4                            | 450n/14       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## ***PART 4: SECTION 7***

### PERIMETER SECURITY PRODUCTS

This section lists perimeter security products such as fences, gates and turnstiles that have been approved to LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers.*

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Certificate No: 1198c to LPS 1175: Issue 7

**Security Fencing Systems**

| Product Name    | Type                       | Nominal Height (m) | Maximum Post Centres (m) | Gradients | Angles in Fence Line <sup>1</sup>         | Security Rating | LPCB Ref. No. |
|-----------------|----------------------------|--------------------|--------------------------|-----------|---|-----------------|---------------|
| SecureGuard SR1 | Welded mesh fencing system | 2.4                | 2.44                     | 0° to 21° | 90°, 180° or 270°                         | 1               | 1198c/01      |
| StronGuard SR2  | Palisade fencing system    | 2.4                | 2.75                     | 0° to 20° | 72° to 108°, 125° to 235° or 252° to 286° | 2               | 1198c/02      |
| StronGuard SR3  | Palisade fencing system    | 3.0                | 2.767                    | 0° to 33° | 70° to 110°, 125° to 235° or 250° to 290° | 3               | 1198c/03      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1266a to LPS 1175: Issue 7

**Security Fencing Systems**

| Product Name                    | Type                                | Nominal Height (m)                   | Maximum Post Centres (m) | Gradients   | Angles in Fence Line <sup>1</sup> | Security Rating | LPCB Ref. No. |
|---------------------------------|-------------------------------------|--------------------------------------|--------------------------|-------------|-----------------------------------|-----------------|---------------|
| Bekasecure Securifor 358 SR     | Welded mesh security fencing system | 2.0, 2.4, 3.0, 3.3, 4.0 and 5.0      | 2.55                     | 0° to 9.46° | 135°, 180° and 225°               | 1               | 1266a/01      |
| Bekasecure Securifor 2D SR      | Welded mesh security fencing system | 2.0, 2.4, 3.0, 3.3, 4.0 and 5.0      | 2.55                     | 0° to 9.46° | 135°, 180° and 225°               | 1               | 1266a/02      |
| Bekasecure Securifor 4D SR      | Welded mesh security fencing system | 2.0, 2.4, 3.0, 3.3, 4.0 and 5.0      | 2.55                     | 0° to 9.46° | 135°, 180° and 225°               | 1               | 1266a/03      |
| Bekasecure Securifor Super 6 SR | Welded mesh security fencing system | 2.4, 3.0, 3.3, 4.0 and 5.0           | 2.55                     | 0° to 9.46° | 135°, 180° and 225°               | 1               | 1266a/08      |
| Securifor 358 SR                | Welded mesh security fencing system | 1.8, 2.0, 2.4, 3.0, 3.3, 4.0 and 5.0 | 2.44                     | 0° to 9.46° | 90°, 180°, 225° and 270°          | 1               | 1266a/04      |
| Securifor 2D SR                 | Welded mesh security fencing system | 2.0, 2.4, 3.0, 3.3, 4.0 and 5.0      | 2.55                     | 0° to 9.46° | 90°, 180°, 225° and 270°          | 1               | 1266a/05      |
| Securifor 4D SR                 | Welded mesh security fencing system | 1.8, 2.0, 2.4, 3.0, 3.3, 4.0 and 5.0 | 2.85                     | 0° to 9.46° | 90°, 180°, 225° and 270°          | 1               | 1266a/06      |
| Securifor Super 6 SR            | Welded mesh security fencing system | 2.4, 3.0, 3.3, 4.0 and 5.0           | 2.44                     | 0° to 9.46° | 90°, 180°, 225° and 270°          | 1               | 1266a/09      |
| Securifor 'Double-Skinned' SR   | Welded mesh security fencing system | 2.4 and 3.0                          | 2.44                     | 0° to 9.46° | 90°, 180°, 225° and 270°          | 2               | 1266a/07      |

# PART 4: SECTION 7.1

## SECURITY FENCING

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 999a to LPS 1175: Issue 7

### Security Fencing Systems

| Product Name                                     | Type   | Nominal Height (m)                               | Maximum Post Centres (m) | Gradients            | Angles in Fence Line | Security Rating | LPCB Ref. No. |
|--|--|--|--------------------------|----------------------|----------------------|-----------------|---------------|
| Dulok-6 SR1                                      | Welded mesh security fencing system <sup>2</sup> | 1.8  | 3.02                     | 0° and 3.6°          | 90° to 270°          | 1               | 999a/05       |
|  | Welded mesh security fencing system <sup>2</sup> | 1.8  | 2.52                     | 4.8°                 | 90° to 270°          | 1               |               |
|  | Welded mesh security fencing system <sup>2</sup> | 2.0  | 3.02                     | 0° and 3.6°          | 90° to 270°          | 1               |               |
|  | Welded mesh security fencing system <sup>2</sup> | 2.0  | 2.52                     | 4.8°, 9.5° and 18.4° | 90° to 270°          | 1               |               |
|  | Welded mesh security fencing system <sup>2</sup> | 2.0  | 1.26 <sup>3</sup>        | 26.6°                | 90° to 270°          | 1               |               |
|  | Welded mesh security fencing system <sup>2</sup> | 2.4  | 3.02                     | 0° and 3.6°          | 90° to 270°          | 1               |               |
|  | Welded mesh security fencing system <sup>2</sup> | 2.4  | 2.52                     | 4.8° and 9.5°        | 90° to 270°          | 1               |               |
|  | Welded mesh security fencing system <sup>2</sup> | 2.4  | 1.26 <sup>3</sup>        | 18.4° and 26.6°      | 90° to 270°          | 1               |               |
|  | Welded mesh security fencing system <sup>2</sup> | 3.0  | 2.52                     | 0°                   | 90° to 270°          | 1               |               |
|  | Dulok-8 SR1                                      | Welded mesh security fencing system <sup>2</sup> | 1.8                      | 3.02                 | 0° and 3.6°          | 90° to 270°     |               |
| Welded mesh security fencing system <sup>2</sup> |  | 1.8  | 2.52                     | 4.8°                 | 90° to 270°          | 1               |               |
| Welded mesh security fencing system <sup>2</sup> |  | 2.0  | 3.02                     | 0° and 3.6°          | 90° to 270°          | 1               |               |
| Welded mesh security fencing system <sup>2</sup> |  | 2.0  | 2.52                     | 4.8°, 9.5° and 18.4° | 90° to 270°          | 1               |               |
| Welded mesh security fencing system <sup>2</sup> |  | 2.0  | 1.26 <sup>3</sup>        | 26.6°                | 90° to 270°          | 1               |               |
| Welded mesh security fencing system <sup>2</sup> |  | 2.4  | 3.02                     | 0° and 3.6°          | 90° to 270°          | 1               |               |
| Welded mesh security fencing system <sup>2</sup> |  | 2.4  | 2.52                     | 4.8° and 9.5°        | 90° to 270°          | 1               |               |
| Welded mesh security fencing system <sup>2</sup> |  | 2.4  | 1.26 <sup>3</sup>        | 18.4° and 26.6°      | 90° to 270°          | 1               |               |
| Welded mesh security fencing system <sup>2</sup> |  | 3.0  | 2.52                     | 0°                   | 90° to 270°          | 1               |               |

# PART 4: SECTION 7.1

## SECURITY FENCING

| Product Name       | Type   | Nominal Height (m)   | Maximum Post Centres (m) | Gradients                             | Angles in Fence Line                        | Security Rating                        | LPCB Ref. No. |
|--------------------|--|--|--------------------------|---------------------------------------|---|--|---------------|
| Dulok-25 SR1       | Welded mesh security fencing system <sup>2</sup>           | 2.0  | 3.02                     | 0° and 3.6°                           | 90° to 270°                                 | 1                                      | 999a/07       |
|                    | Welded mesh security fencing system <sup>2</sup>           | 2.0  | 2.52                     | 4.8° and 9.5°                         | 90° to 270°                                 | 1                                      |               |
|                    | Welded mesh security fencing system <sup>2</sup>           | 2.0  | 1.26 <sup>3</sup>        | 18.4° and 26.6°                       | 90° to 270°                                 | 1                                      |               |
|                    | Welded mesh security fencing system <sup>2</sup>           | 2.4  | 3.02                     | 0° and 3.6°                           | 90° to 270°                                 | 1                                      |               |
|                    | Welded mesh security fencing system <sup>2</sup>           | 2.4  | 2.52                     | 4.8° and 9.5°                         | 90° to 270°                                 | 1                                      |               |
|                    | Welded mesh security fencing system <sup>2</sup>           | 2.4  | 1.26 <sup>3</sup>        | 18.4° and 26.6°                       | 90° to 270°                                 | 1                                      |               |
|                    | Welded mesh security fencing system <sup>2</sup>           | 3.0  | 2.52                     | 0°                                    | 90° to 270°                                 | 1                                      |               |
| FenceSafe SR1      | Welded mesh temporary security fencing system <sup>4</sup> | 2.4  | 1.295                    | 0°                                    | 90°, 180°, 270°                             | 1                                      | 999a/09       |
|                    | Welded mesh temporary security fencing system <sup>4</sup> | 2.4  | 1.03                     | 9.46°                                 | 90°, 180°, 270°                             | 1                                      |               |
| Securus Lite SR1   | Welded mesh security fencing system <sup>2</sup>           | 2.4 and 3.0  | 2.44                     | 0°, 3.6°, 4.8°, 9.5°, 18.4° and 26.6° | 90° to 270°                                 | 1                                      | 999a/04       |
| Securus SR1        | Welded mesh security fencing system                        | 2.1 <sup>2</sup>   | 2.515                    | 0°, 9.5° and 18.4° <sup>6</sup>       | 100° to 170°, 180°, 190° to 260°, 270°      | 1                                      | 999a/01       |
|                    | Welded mesh security fencing system                        | 2.4 <sup>5</sup>   | 2.515                    | 0°, 9.5° and 18.4° <sup>6</sup>       | 100° to 170°, 180°, 190° to 260°, 270°      | 1                                      |               |
|                    | Welded mesh security fencing system                        | 3.0 <sup>5</sup>   | 2.525                    | 0°, 9.5° and 18.4° <sup>6</sup>       | 100° to 170°, 180°, 190° to 260°, 270°      | 1                                      |               |
| Securus SR1TE      | Welded mesh security fencing system <sup>2</sup>           | 2.4  | 2.520                    | 0°, 9.5° and 18.4°                    | 100° to 170°, 180°, 190° to 260°, 270°      | 1                                      | 999a/03       |
| Ultimate Extra SR1 | Welded mesh security fencing system <sup>2,7</sup>         | 2.0  | 2.485                    | 0°, 3.6° and 4.8°                     | 90°, 100° to 170°, 180°, 190° to 260°, 270° | 1                                      | 999a/08       |
|                    | Welded mesh security fencing system <sup>2,7</sup>         | 2.0  | 1.239                    | 9.5° and 18.4°                        | 90°, 100° to 170°, 180°, 190° to 260°, 270° | 1                                      |               |
|                    | Welded mesh security fencing system <sup>2,7</sup>         | 2.4  | 2.06                     | 0°, 3.6° and 4.8°                     | 90°, 100° to 170°, 180°, 190° to 260°, 270° | 1                                      |               |
|                    | Welded mesh security fencing system <sup>2,7</sup>         | 2.4  | 1.039 <sup>8</sup>       | 9.5°, 18.4° and 26.6°                 | 90°, 100° to 170°, 180°, 190° to 260°, 270° | 1                                      |               |
|                    | Welded mesh security fencing system <sup>2,7</sup>         | 3.0  | 2.06                     | 0°                                    | 90°, 100° to 170°, 180°, 190° to 260°, 270° | 1                                      |               |
|                    | Securus SR2  | Vertical bar and mesh panel security fencing system <sup>2</sup> | 2.4                      | 2.515                                 | 0°, 9.5° and 18.4°                          | 100° to 170°, 180°, 190° to 260°, 270° | 2             |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

# PART 4: SECTION 7.1

## SECURITY FENCING

Certificate No: 999c to LPS 1175: Issue 8

### Security Fencing System

| Product Name     | Type  | Nominal Height (m) | Maximum Post Centres (m) | Gradients | Angles in Fence Line                   | Security Rating | LPCB Ref. No. |
|------------------|---|--------------------|--------------------------|-----------|--|-----------------|---------------|
| Securus AC MK.II | Vertical bar and mesh panel security fencing system | 2.4 and 3.0        | 2.535                    | 0° to 30° | 100° to 170°, 180°, 190° to 260°, 270° | B3 (SR2)        | 999c/01       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1454a to LPS 1175: Issue 6

### Security Fencing Systems

| Product Name     | Type                                | Nominal Height (m)    | Post Centres (m) | Maximum Gradients  | Angles In Fence Line <sup>1</sup>          | Security Rating | LPCB Ref. No. |
|------------------|-------------------------------------|-----------------------|------------------|--------------------|--|-----------------|---------------|
| Pallas Xtra      | Welded mesh security fencing system | 1.8, 2.0, 2.4 and 3.0 | 2.53             | 0° <sup>2</sup>    | 175° to 185° and 265° to 275°              | 1               | 1454a/01      |
| Zenith           | Welded mesh security fencing system | 1.8                   | 2.44             | 0.7°               | 175° to 185° and 265° to 275°              | 1               | 1454a/02      |
|                  | Welded mesh security fencing system | 2.0                   | 2.44             | 4.67°              | 175° to 185° and 265° to 275°              | 1               |               |
|                  | Welded mesh security fencing system | 2.4                   | 2.44             | 13.8°              | 175° to 185° and 265° to 275°              | 1               |               |
|                  | Welded mesh security fencing system | 3.0                   | 2.44             | 23.5°              | 175° to 185° and 265° to 275°              | 1               |               |
|                  | Welded mesh security fencing system | 4.2                   | 2.44             | 37.6°              | 175° to 185° and 265° to 275°              | 1               |               |
|                  | Welded mesh security fencing system | 5.2                   | 2.44             | 37.6°              | 175° to 185° and 265° to 275°              | 1               |               |
| TangoRail TR100  | Railings                            | 1.8, 2.0, 2.1 and 2.4 | 2.84             | 16.5° <sup>3</sup> | 75° to 105°, 165° to 195° and 255° to 265° | 1               | 1454a/03      |
| TangoRail TR200  | Railings                            | 1.8, 2.0, 2.1 and 2.4 | 2.84             | 16.5° <sup>3</sup> | 75° to 105°, 165° to 195° and 255° to 265° | 1               | 1454a/04      |
| TangoRail TR150  | Railings                            | 1.8, 2.0, 2.1 and 2.4 | 2.755            | 17° <sup>3</sup>   | 75° to 105°, 165° to 195° and 255° to 265° | 1               | 1454a/05      |
| TangoRail TR250  | Railings                            | 1.8, 2.0, 2.1 and 2.4 | 2.755            | 17° <sup>3</sup>   | 75° to 105°, 165° to 195° and 255° to 265° | 1               | 1454a/06      |
| TangoRail TR300F | Railings                            | 1.8, 2.0, 2.1 and 2.4 | 2.84             | 16.5° <sup>3</sup> | 75° to 105°, 165° to 195° and 255° to 265° | 1               | 1454a/07      |
| TangoRail TR300P | Railings                            | 1.8, 2.0, 2.1 and 2.4 | 2.84             | 16.5° <sup>3</sup> | 75° to 105°, 165° to 195° and 255° to 265° | 1               | 1454a/08      |
| TangoRail TR400  | Railings                            | 1.8, 2.0, 2.1 and 2.4 | 2.84             | 16.5° <sup>3</sup> | 75° to 105°, 165° to 195° and 255° to 265° | 1               | 1454a/09      |

**PART 4: SECTION 7.1****SECURITY FENCING**

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 1454b to LPS 1175: Issue 7**

**Security Fencing Systems**

| Product Name     | Type                                | Nominal Height (m)    | Maximum Post Centres (m) | Maximum Gradients <sup>1</sup> | Angles in Fence Line <sup>2</sup> | Security Rating | LPCB Ref. No. |
|------------------|-------------------------------------|-----------------------|--------------------------|--------------------------------|-----------------------------------|-----------------|---------------|
| Pallas Xtra Lite | Welded mesh security fencing system | 1.8, 2.0, 2.4 and 3.0 | 2.53                     | 0°                             | 175° to 185° and 265° to 275°     | 1               | 1454b/03      |
| Zenith SR2       | Welded mesh security fencing system | 2.4, 3.0              | 2.932                    | 0°                             | 90°, 180° and 270°                | 2               | 1454b/01      |
| Zenith SR3       | Welded mesh security fencing system | 3.0                   | 2.932                    | 0°                             | 90°, 180° and 270°                | 3               | 1454b/02      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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**Certificate No: 913e to LPS 1175: Issue 8**

**Security Fencing System**

| Product Name      | Model         | Type                           | Height (m) | Maximum Post Centres (m) | Gradients   | Angles In Fence Line | Security Rating | LPCB Ref. No. |
|-------------------|---------------|--------------------------------|------------|--------------------------|-------------|----------------------|-----------------|---------------|
| Jakoustic Class 3 | Enhanced      | Timber security fencing system | 2.5 to 6.0 | 2.4                      | 0° to 18.5° | 90°, 180° or 270°    | C5 (SR3) F1     | 913e/01       |
|                   | High Security | Timber security fencing system | 2.5 to 6.0 | 2.4                      | 0° to 18.5° | 90°, 180° or 270°    | C5 (SR3) G1     |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 913c to LPS 1175: Issue 7**

**Security Fencing Systems**

| Product Name         | Type                                | Nominal Height (m) | Maximum Post Centres (m) | Gradients       | Angles in Fence Line <sup>1</sup> | Security Rating | LPCB Ref. No. |
|----------------------|-------------------------------------|--------------------|--------------------------|-----------------|-----------------------------------|-----------------|---------------|
| UHS Extreme Mesh SR3 | Welded mesh security fencing system | 2.431              | 2.505                    | 0° to 7°, 9°    | 90°, 180° or 270°                 | 3               | 913c/11       |
|                      | Welded mesh security fencing system | 3.031              | 2.505                    | 0° to 7°, 13.5° | 90°, 180° or 270°                 | 3               |               |
| UHS Heavy Mesh SR3   | Welded mesh security fencing system | 2.415              | 2.505                    | 0° to 6.5°      | 90°, 180° or 270°                 | 3               | 913c/12       |
|                      | Welded mesh security fencing system | 3.031              | 2.505                    | 0° to 7°, 14°   | 90°, 180° or 270°                 | 3               |               |

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# PART 4: SECTION 7.1

## SECURITY FENCING

Certificate No: 913h to LPS 1175: Issue 8

### Security Fencing System

| Product Name | Model        | Type                                 | Nominal Height (m) | Maximum Post Centres (m) | Gradients  | Angles in Fence Line | Security Rating | LPCB Ref. No. |
|--------------|--------------|--------------------------------------|--------------------|--------------------------|------------|----------------------|-----------------|---------------|
| Barbican 1   | Barbed Top   | Vertical bar security fencing system | 1.8                | 3,0                      | 0° to 0.8° | 90°, 180° or 270°    | A1 (SR1)        | 913h/01       |
|              | Barbed Top   | Vertical bar security fencing system | 2.0                | 3.0                      | 0° to 25°  | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | Barbed Top   | Vertical bar security fencing system | 2.5                | 3.0                      | 0° to 43°  | 90°, 180° or 270°    | A1 (SR1)        |               |
| Barbican     | Barbed Top   | Vertical bar security fencing system | 3.0                | 2.484                    | 0° to 53°  | 90°, 180° or 270°    | A1 (SR1)        |               |
| Barbican 1   | Extra        | Vertical bar security fencing system | 1.8                | 3.0                      | 0° to 0.8° | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | Extra        | Vertical bar security fencing system | 2.0                | 3.0                      | 0° to 25°  | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | Extra        | Vertical bar security fencing system | 2.5                | 3.0                      | 0° to 43°  | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | Extra        | Vertical bar security fencing system | 3.0                | 2.484                    | 0° to 53°  | 90°, 180° or 270°    | A1 (SR1)        |               |
| Imperial     |              | Vertical bar security fencing system | 1.8                | 3.0                      | 0° to 0.8° | 90°, 180° or 270°    | A1 (SR1)        |               |
| Imperial     |              | Vertical bar security fencing system | 2.0                | 3.0                      | 0° to 25°  | 90°, 180° or 270°    | A1 (SR1)        |               |
| Imperial     |              | Vertical bar security fencing system | 2.5                | 3.0                      | 0° to 43°  | 90°, 180° or 270°    | A1 (SR1)        |               |
| Imperial     |              | Vertical bar security fencing system | 3.0                | 2.484                    | 0° to 53°  | 90°, 180° or 270°    | A1 (SR1)        |               |
| Standard     |              | Vertical bar security fencing system | 1.8                | 3.0                      | 0° to 0.8° | 90°, 180° or 270°    | A1 (SR1)        |               |
| Standard     |              | Vertical bar security fencing system | 2.0                | 3.0                      | 0° to 25°  | 90°, 180° or 270°    | A1 (SR1)        |               |
| Standard     |              | Vertical bar security fencing system | 2.5                | 3.0                      | 0° to 43°  | 90°, 180° or 270°    | A1 (SR1)        |               |
| Standard     |              | Vertical bar security fencing system | 3.0                | 2.484                    | 0° to 53°  | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | With Finials | Vertical bar security fencing system | 1.8                | 3.0                      | 0° to 0.8° | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | With Finials | Vertical bar security fencing system | 2.0                | 3.0                      | 0° to 25°  | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | With Finials | Vertical bar security fencing system | 2.5                | 3.0                      | 0° to 43°  | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | With Finials | Vertical bar security fencing system | 3.0                | 2.484                    | 0° to 53°  | 90°, 180° or 270°    | A1 (SR1)        |               |

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Certificate No: 913i to LPS 1175: Issue 8

**Security Fencing Systems**

| Product Name      | Type                                 | Nominal Height (m) | Maximum Post Centres (m) | Gradients   | Angles in Fence Line | Security Rating | LPCB Ref. No. |
|-------------------|--------------------------------------|--------------------|--------------------------|-------------|----------------------|-----------------|---------------|
| Defender Xtreme 1 | Vertical bar security fencing system | 2.25               | 2.484                    | 0° to 0.36° | 90°, 180° or 270°    | A1 (SR1)        | 913i/01       |
|                   | Vertical bar security fencing system | 2.5                | 2.484                    | 0° to 0.43° | 90°, 180° or 270°    | A1 (SR1)        |               |
|                   | Vertical bar security fencing system | 3.0                | 2.484                    | 0° to 0.53° | 90°, 180° or 270°    | A1 (SR1)        |               |

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Certificate No: 913j to LPS 1175: Issue 8

**Security Fencing Systems**

| Product Name | Model          | Type  | Nominal Height (m) | Maximum Post Centres | Gradients  | Angles in Fence Line | Security Rating | LPCB Ref. No. |
|--------------|----------------|---|--------------------|----------------------|------------|----------------------|-----------------|---------------|
| Euroguard 1  | Combi          | Welded mesh and timber slat security fencing system | 2.07               | 3.055                | 0° to 1.5° | 90°, 180° or 270°    | A1 (SR1)        | 913j/01       |
|              | Combi          | Welded mesh and timber slat security fencing system | 2.47               | 3.055                | 0° to 1.5° | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | Combi          | Welded mesh and timber slat security fencing system | 3.11               | 3.055                | 0° to 1.5° | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | Platform Heavy | Welded mesh security fencing system                 | 2.03               | 3.034                | 0° to 1.9° | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | Platform Heavy | Welded mesh security fencing system                 | 2.43               | 3.054                | 0° to 1.9° | 90°, 180° or 270°    | A1 (SR1)        |               |

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Certificate No: 913k to LPS 1175: Issue 8

**Security Fencing Systems**

| Product Name | Type                                 | Nominal Height (m) | Maximum Post Centres (m) | Gradients  | Angles in Fence Line | Security Rating | LPCB Ref. No. |
|--------------|--------------------------------------|--------------------|--------------------------|------------|----------------------|-----------------|---------------|
| Sentry 1     | Vertical bar security fencing system | 1.8                | 3.0                      | 0° to 0.8° | 90°, 180° or 270°    | A1 (SR1)        | 913k/01       |
|              | Vertical bar security fencing system | 2.0                | 3.0                      | 0° to 25°  | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | Vertical bar security fencing system | 2.5                | 3.0                      | 0° to 43°  | 90°, 180° or 270°    | A1 (SR1)        |               |
|              | Vertical bar security fencing system | 3.0                | 2.484                    | 0° to 53°  | 90°, 180° or 270°    | A1 (SR1)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 913m to LPS 1175: Issue 8

## **PART 4: SECTION 7.1**

### **SECURITY FENCING**

#### **Security Fencing Systems**

| <b>Product Name</b> | <b>Type</b>                         | <b>Nominal Height (m)</b> | <b>Maximum Post Centres (m)</b> | <b>Gradients</b> | <b>Angles in Fence Line</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-------------------------------------|---------------------------|---------------------------------|------------------|-----------------------------|------------------------|----------------------|
| Securimesh Plus 2   | Welded mesh security fencing system | 2.442                     | 2.451                           | 0° to 1.8°       | 90°, 180° or 270°           | B3 (SR2)               | 913m/01              |
|                     | Welded mesh security fencing system | 5.0                       | 2.451                           | 0° to 4.5°       | 90°, 180° or 270°           | B3 (SR2)               |                      |

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**Certificate No: 913f to LPS 1175: Issue 8**

#### **Security Fencing System**

| <b>Product Name</b> | <b>Type</b>   | <b>Height (m)</b> | <b>Maximum Post Centres (m)</b> | <b>Gradients</b> | <b>Angles in Fence Line</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|---|-------------------|---------------------------------|------------------|-----------------------------|------------------------|----------------------|
| Trident 4           | Vertical bar and mesh panel security fencing system | 3.6               | 2.57                            | 0° to 5.7°       | 90°, 180° or 270°           | D10 (SR4)              | 913f/01              |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 913g to LPS 1175: Issue 8**

#### **Security Fencing System**

| <b>Product Name</b> | <b>Type</b>   | <b>Height (m)</b> | <b>Maximum Post Centres (m)</b> | <b>Gradients</b> | <b>Angles in Fence Line</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|---|-------------------|---------------------------------|------------------|-----------------------------|------------------------|----------------------|
| Trident 5           | Vertical bar and mesh panel security fencing system | 4.2               | 2.57                            | 0° to 5.7°       | 90°, 180° or 270°           | E10 (SR5)              | 913g/01              |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 913t to LPS 1175: Issue 8**

#### **Security Fencing System**

| <b>Product Name</b> | <b>Type</b>                         | <b>Nominal Height (m)</b> | <b>Maximum Post Centres (m)</b> | <b>Gradients</b> | <b>Angles in Fence Line</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-------------------------------------|---------------------------|---------------------------------|------------------|-----------------------------|------------------------|----------------------|
| Securimesh 1        | Welded mesh security fencing system | 1.8 to 6.0                | 2.44                            | 0° to 45°        | 90° to 270°                 | A1 (SR1)               | 913t/01              |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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**Certificate No: 1337a to LPS 1175: Issue 7**

**Security Fencing Systems**

| Product Name     | Type           | Nominal Heights (m) | Minimum Post Centres (m) | Maximum Post Centres (m) | Gradients | Angles in Fence Line <sup>1</sup>              | Security Rating | LPCB Ref. No. |
|------------------|----------------|---------------------|--------------------------|--------------------------|-----------|--|-----------------|---------------|
| Lochrin Defender | Fencing system | 2.4, 3.0            | 0.75                     | 2.75                     | 0° to 15° | 90°, 100° to 175°, 180°, 185° to 260° and 270° | 3               | 1337a/01      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 951a to LPS 1175: Issue 6

**Security Fencing Systems**

| Product Name     | Type                                | Height (m) | Post Centres (m) | Gradients   | Angles in Fence Line | Security Rating | LPCB Ref. No. |
|------------------|-------------------------------------|------------|------------------|-------------|----------------------|-----------------|---------------|
| Ibex Hi Security | Welded mesh security fencing system | 1.8 to 3   | 1 to 2.46        | 0° to 5.71° | > 90° to <= 315°     | 1               | 951a/01       |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 731c to LPS 1175: Issue 6

**Security Fencing Systems**

| Product Name | Type  | Nominal Height (m) | Maximum Post Centres (m) | Gradients | Angles in Fence Line <sup>1</sup> | Security Rating | LPCB Ref. No. |
|--------------|---|--------------------|--------------------------|-----------|-----------------------------------|-----------------|---------------|
| ExMesh™ SR2  | Expanded metal mesh security fencing system | 2.0 to 3.325       | 2.4                      | 0° to 30° | 90°, 180° and 270°                | 2               | 731c/01       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 731e to LPS 1175: Issue 7

**Security Fencing Systems**

| Product Name | Type  | Height (m) | Minimum Post Centres (m) | Maximum Post Centres (m) | Gradients | Angles in Fence Line <sup>1</sup> | Security Rating | LPCB Ref. No. |
|--------------|---|------------|--------------------------|--------------------------|-----------|-----------------------------------|-----------------|---------------|
| ExMesh™ SR3  | Twin-skinned expanded metal mesh fencing system | 2.465      | 0.5                      | 3.0                      | 0°        | 90°, 180° and 270°                | 3               | 731e/01       |

## PART 4: SECTION 7.1

### SECURITY FENCING

| Product Name | Type  | Height (m) | Minimum Post Centres (m) | Maximum Post Centres (m) | Gradients | Angles in Fence Line <sup>1</sup> | Security Rating | LPCB Ref. No. |
|--------------|---|------------|--------------------------|--------------------------|-----------|-----------------------------------|-----------------|---------------|
|              | Twin-skinned expanded metal mesh fencing system | 2.465      | 0.5                      | 2.4                      | 0° to 30° | 180°                              | 3               |               |
|              | Twin-skinned expanded metal mesh fencing system | 2.975      | 0.5                      | 2.4                      | 0°        | 90°, 180° and 270°                | 3               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1164a to LPS 1175: Issue 7

### Security Fencing Systems

| Product Name | Type  | Nominal Height (m) | Maximum Post Centres (m) | Maximum Gradient (°) | Angles in Fence Line (°) <sup>1</sup> | Security Rating | LPCB Ref. No. |
|--------------|---|--------------------|--------------------------|----------------------|---------------------------------------|-----------------|---------------|
| Duo8         | Welded mesh security fencing system mounted using in-ground posts   | 2.0 or 2.4         | 1.475                    | 11.5                 | 180                                   | 1               | 1164a/03      |
|              | Welded mesh security fencing system mounted using in-ground posts   | 2.0 or 2.4         | 3.025                    | 5.66                 | 180                                   | 1               |               |
|              | Welded mesh security fencing system mounted using in-ground posts   | 3.0 or 3.6         | 1.475                    | 11.5                 | 180                                   | 1               |               |
|              | Welded mesh security fencing system mounted using in-ground posts   | 3.0 or 3.6         | 2.525                    | 6.78                 | 180                                   | 1               |               |
|              | Welded mesh security fencing system for high wind load applications mounted using in-ground posts                 | 3.6                | 1.475                    | 11.5                 | 180                                   | 1               |               |
|              | Welded mesh security fencing system for high wind load applications mounted using in-ground posts                 | 3.6                | 2.525                    | 6.78                 | 180                                   | 1               |               |
|              | Welded mesh security fencing system mounted using base-placed posts   | 2.0 or 2.4         | 3.025                    | 0                    | 180                                   | 1               |               |
|              | Welded mesh security fencing system mounted using base-placed posts   | 3.0 or 3.6         | 2.525                    | 0                    | 180                                   | 1               |               |
|              | Welded mesh security fencing system for high wind load applications mounted using base-plated posts               | 3.6                | 2.525                    | 0                    | 180                                   | 1               |               |
|              | Welded mesh security fencing system with integral cranked topping and either in-ground posts or base-plated posts | 2.4 <sup>2</sup>   | 3.025                    | 0                    | 180                                   | 1               |               |

# PART 4: SECTION 7.1

## SECURITY FENCING

| Product Name  | Type  | Nominal Height (m)  | Maximum Post Centres (m) | Maximum Gradient (°) | Angles in Fence Line (°) <sup>1</sup> | Security Rating    | LPCB Ref. No. |   |          |
|---|---|---|--------------------------|----------------------|---------------------------------------|--------------------|---------------|---|----------|
| HiSec 358   | Welded mesh security fencing system mounted using in-ground square-sectioned posts        | 2.0   | 2.992                    | 0                    | 180 to 260 and 270                    | 1                  | 1164a/02      |   |          |
|   | Welded mesh security fencing system mounted using in-ground square-sectioned posts        | 2.4 or 3.0  | 1.467                    | 11.56                | 180 to 260 and 270                    | 1                  |               |   |          |
|   | Welded mesh security fencing system mounted using in-ground square-sectioned posts        | 2.4 or 3.0  | 2.992                    | 5.73                 | 180 to 260 and 270                    | 1                  |               |   |          |
|   | Welded mesh security fencing system mounted using base-plated square-sectioned posts      | 2.0, 2.4 or 3.0   | 2.992                    | 0                    | 180 to 260 and 270                    | 1                  |               |   |          |
|   | Welded mesh security fencing system mounted using in-ground rectangular-sectioned posts   | 2.0   | 2.925                    | 0                    | 180, 190 to 260 and 270               | 1                  |               |   |          |
|   | Welded mesh security fencing system mounted using in-ground rectangular-sectioned posts   | 2.4 or 3.0  | 1.4                      | 12.09                | 180, 190 to 260 and 270               | 1                  |               |   |          |
|   | Welded mesh security fencing system mounted using in-ground rectangular-sectioned posts   | 2.4 or 3.0  | 2.925                    | 5.86                 | 180, 190 to 260 and 270               | 1                  |               |   |          |
|   | Welded mesh security fencing system mounted using base-plated rectangular-sectioned posts | 2.0, 2.4 or 3.0   | 2.925                    | 0                    | 180 and 270                           | 1                  |               |   |          |
|   | HiSec Super-10  | Welded mesh security fencing system mounted using base-plated posts | 2.4 to 4.3               | 2.992                | 0                                     | 180 to 200 and 270 |               | 2 | 1164a/01 |
|   |   | Welded mesh security fencing system mounted using in-ground posts   | 2.4 or 4.3               | 1.470                | 11.53                                 | 180 to 200 and 270 |               | 2 |          |
| Welded mesh security fencing system mounted using in-ground posts |   | 2.4 or 4.3  | 2.536                    | 6.75                 | 180 to 200 and 270                    | 2                  |               |   |          |
| Welded mesh security fencing system mounted using in-ground posts |   | 2.4 to 4.3  | 2.992                    | 5.73                 | 180 to 200 and 270                    | 2                  |               |   |          |
| Corrusec SR3  | Welded mesh security fencing system mounted using in-ground posts                         | 2.4 to 6.0  | 2.54                     | 19.5                 | 90 to 180, 205 to 315                 | 3                  | 1164a/05      |   |          |
|   | Welded mesh security fencing system mounted using base-plated posts                       | 2.4 to 6.0  | 2.54                     | 0                    | 90 to 180, 205 to 315                 | 3                  |               |   |          |
| Corrusec SR4  | Welded mesh security fencing system mounted using in-ground posts                         | 2.8 to 6.0 <sup>3</sup>   | 2.54                     | 19.5                 | 90 to 180, 205 to 315                 | 4                  | 1164a/04      |   |          |
|   | Welded mesh security fencing system mounted using base-plated posts                       | 2.8 to 6.0 <sup>3</sup>   | 2.54                     | 0                    | 90 to 180, 205 to 315                 | 4                  |               |   |          |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## PART 4: SECTION 7.2

### SECURITY GATES

#### Barkers Engineering Limited

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E-mail: sales@barkersengineering.com • Website: www.barkersengineering.com

Certificate No: 1198d to LPS 1175: Issue 7

#### Security Gates

| Product Name    | Type                             | Height <sup>1</sup> (m) | Minimum Width (m) | Maximum Width (m) | Compatible Locking Systems Active Leaf | Compatible Locking Systems Passive Leaf | Security Rating | LPCB Ref. No. |
|-----------------|----------------------------------|-------------------------|-------------------|-------------------|--|---|-----------------|---------------|
| SecureGuard SR1 | Single leaf inward opening gate  | 2.4                     | 1.005             | 1.505             | 1 <sup>2</sup>                         | N/A                                     | 1               | 1198d/01      |
|                 | Double leaf inward opening gate  | 2.4                     | 4.0               | 8.0               | 1 <sup>2</sup>                         | 2                                       | 1               |               |
| StronGuard SR2  | Single leaf inward opening gate  | 2.4                     | 1.0               | 1.5               | 1 <sup>2</sup>                         | N/A                                     | 2               | 1198d/02      |
|                 | Double leaf inward opening gate  | 2.4                     | 4.0               | 8.0               | 1 <sup>2</sup>                         | 2                                       | 2               |               |
| StronGuard SR3  | Single leaf inward opening gate  | 3.0                     | 0.95              | 4.79              | 3 <sup>3</sup>                         | N/A                                     | 3               | 1198d/03      |
|                 | Double leaf inward opening gate  | 3.0                     | 3.08              | 9.56              | 3 <sup>3</sup>                         | 4                                       | 3               |               |
|                 | Single leaf outward opening gate | 3.0                     | 3.22              | 9.7               | 3 <sup>3</sup>                         | N/A                                     | 3               |               |
|                 | Double leaf outward opening gate | 3.0                     | 1.02              | 4.86              | 3 <sup>3</sup>                         | 4                                       | 3               |               |
|                 |                                  |                         |                   |                   |  |   |                 |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### CLD Fencing Systems

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E-mail: info@cld-fencing.com • Website: www.cld-fencing.com

Certificate No: 999b to LPS 1175: Issue 7

#### Security Gates

| Product Name   | Type  | Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|----------------|---|------------|-------------------|-------------------|-----------------|---------------|
| Lockmaster SR2 | Single leaf inward opening security gate <sup>1</sup> | 2.44       | 0.6               | 3.0               | 2               | 999b/01       |

**PART 4: SECTION 7.2****SECURITY GATES**

| Product Name    | Type   | Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|-----------------|--|------------|-------------------|-------------------|-----------------|---------------|
|                 | Double leaf inward opening security gate <sup>1</sup>                        | 2.44       | 1.2               | 6.0               | 2               |               |
| Lockmaster SR3  | Single leaf outward opening security gate with emergency egress <sup>2</sup> | 2.35       | 1.48              | 1.48              | 3               | 999b/02       |
| Slidemaster SR1 | Cantilever sliding gate  | 2.48       | 1.0               | 8.0               | 1               | 999b/03       |
| Slidemaster SR2 | Cantilever sliding gate  | 2.48       | 1.0               | 8.0               | 2               | 999b/04       |
| Slidemaster SR3 | Cantilever sliding gate  | 2.48       | 1.0               | 8.0               | 3               | 999b/05       |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**CRH Fencing & Security Group (UK) t/a HERAS**

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Certificate No: 1454c to LPS 1175: Issue 7

**Security Gates**

| Product Name            | Type  | Height (m) | Minimum Width (m) | Maximum Width (m) | Compatible Locking System Active Leaf | Compatible Locking System Passive Leaf | Security Rating | LPCB Ref. No. |
|-------------------------|---|------------|-------------------|-------------------|---------------------------------------|--|-----------------|---------------|
| Zenith SR3 <sup>1</sup> | Single leaf outward opening gate <sup>2</sup> | 2.2        | 1.32              | 1.32              | 1                                     | N/A                                    | 3               | 1454c/01      |
|                         | Double leaf outward opening gate              | 3.0        | 2.2               | 6.2               | 1                                     | 2                                      | 3               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Frontier Pitts Ltd**

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Certificate No: 1059b to LPS 1175: Issue 7

**Security Gates**

| Product Name                            | Type  | Nominal Height | Minimum Clear Opening Width (m) | Maximum Clear Opening Width (m) | Security Rating | LPCB Ref. No. |
|---|---|----------------|---------------------------------|---------------------------------|-----------------|---------------|
| Platinum Bi-Folding Bi-Parting Gate SR1 | Bi-folding bi-parting gate                  | 2.0 to 4.5     | 3.0                             | 10                              | 1               | 1059b/11      |
| Platinum Bi-Folding Gate SR1            | Bi-folding gate                             | 2.4 to 4.0     | 3.0                             | 5.0                             | 1               | 1059b/12      |
| Platinum Hinged Gate SR1                | Single leaf inward opening gate             | 2.0 to 4.0     | 3.0                             | 5.0                             | 1               | 1059b/13      |
|   | Double leaf inward opening gate             | 2.0 to 4.0     | 3.0                             | 10                              | 1               |               |
| Platinum Hinged Pedestrian Gate SR1     | Single leaf inward opening padlockable gate | 2.1 to 3.0     | 0.75                            | 1.5                             | 1               | 1059b/14      |

## PART 4: SECTION 7.2

### SECURITY GATES

| Product Name                            | Type  | Nominal Height | Minimum Clear Opening Width (m) | Maximum Clear Opening Width (m) | Security Rating | LPCB Ref. No. |
|---|---|----------------|---------------------------------|---------------------------------|-----------------|---------------|
|   | Single leaf inward opening gate             | 2.1 to 3.0     | 0.75                            | 1.5                             | 1               |               |
| Platinum Sliding Gate SR1               | Cantilever sliding gate                     | 2.4 to 4.5     | 3.0                             | 10                              | 1               | 1059b/15      |
| Platinum Bi-Folding Bi-Parting Gate SR2 | Bi-folding bi-parting gate                  | 2.0 to 4.5     | 3.0                             | 10                              | 2               | 1059b/05      |
| Platinum Bi-Folding Gate SR2            | Bi-folding gate                             | 2.4 to 4.0     | 3.0                             | 5.0                             | 2               | 1059b/02      |
| Platinum Hinged Gate SR2                | Single leaf inward opening gate             | 2.0 to 4.0     | 3.0                             | 5.0                             | 2               | 1059b/07      |
|   | Double leaf inward opening gate             | 2.0 to 4.0     | 3.0                             | 10                              | 2               |               |
| Platinum Hinged Pedestrian Gate SR2     | Single leaf inward opening padlockable gate | 2.1 to 3.0     | 0.75                            | 1.5                             | 2               | 1059b/08      |
|   | Single leaf inward opening gate             | 2.1 to 3.0     | 0.75                            | 1.5                             | 2               |               |
| Platinum Sliding Gate SR2               | Cantilever sliding gate                     | 2.4 to 4.5     | 3.0                             | 10                              | 2               | 1059b/01      |
| Platinum Bi-Folding Bi-Parting Gate SR3 | Bi-folding bi-parting gate                  | 2.4 to 4.5     | 3.0                             | 10                              | 3               | 1059b/06      |
| Platinum Bi-Folding Gate SR3            | Bi-folding gate                             | 2.4 to 4.0     | 3.0                             | 5.0                             | 3               | 1059b/04      |
| Platinum Hinged Gate SR3                | Single leaf inward opening gate             | 2.4 to 4.0     | 3.0                             | 5.0                             | 3               | 1059b/09      |
|   | Double leaf inward opening gate             | 2.4 to 4.0     | 3.0                             | 10                              | 3               |               |
| Platinum Hinged Pedestrian Gate SR3     | Single leaf inward opening padlockable gate | 2.4 to 3.0     | 0.75                            | 1.5                             | 3               | 1059b/10      |
|   | Single leaf inward opening gate             | 2.4 to 3.0     | 0.75                            | 1.5                             | 3               |               |
| Platinum Sliding Gate SR3               | Cantilever sliding gate                     | 2.4 to 4.5     | 3.0                             | 10                              | 3               | 1059b/03      |

A copy of the certificate, confirming the full scope of approval including, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### H S Jackson & Son (Fencing) Limited, t/a Jacksons Fencing

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Certificate No: 913d to LPS 1175: Issue 7

#### Security Gates

| Product Name         | Type   | Height <sup>1</sup> (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|----------------------|--|-------------------------|-------------------|-------------------|-----------------|---------------|
| UHS Extreme Mesh SR3 | Single leaf inward opening security gate <sup>2</sup>              | 2.1                     | 0.870             | 3.0               | 3               | 913d/11       |
|                      | Single leaf outward opening security gate <sup>2</sup>             | 2.1                     | 0.923             | 1.523             | 3               |               |
|                      | Single leaf inward opening padlockable security gate <sup>2</sup>  | 2.1                     | 0.863             | 3.0               | 3               |               |
|                      | Single leaf outward opening padlockable security gate <sup>2</sup> | 2.1                     | 0.916             | 1.523             | 3               |               |
| UHS Heavy Mesh SR3   | Single leaf inward opening security gate <sup>2</sup>              | 2.1                     | 0.870             | 3.0               | 3               | 913d/12       |
|                      | Single leaf outward opening security gate <sup>2</sup>             | 2.1                     | 0.923             | 1.523             | 3               |               |
|                      | Single leaf inward opening padlockable security gate <sup>2</sup>  | 2.1                     | 0.863             | 3.0               | 3               |               |
|                      | Single leaf outward opening padlockable security gate <sup>2</sup> | 2.1                     | 0.916             | 1.523             | 3               |               |



**PART 4: SECTION 7.2****SECURITY GATES**

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 913n to LPS 1175: Issue 8**

**Security Gates**

| Product Name | Model        | Type  | Height (m)            | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--------------|---|-----------------------|-------------------|-------------------|-----------------|---------------|
| Barbican 1   | Barbed Top   | Single leaf inward opening security gate              | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 6.015             | A1 (SR1)        | 913n/01       |
|              | Barbed Top   | Single leaf outward opening security gate             | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 1.887             | A1 (SR1)        |               |
|              | Barbed Top   | Single leaf inward opening padlockable security gate  | 1.8, 2.0, 2.5 and 3.0 | 0.848             | 6.008             | A1 (SR1)        |               |
|              | Barbed Top   | Single leaf outward opening padlockable security gate | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 1.887             | A1 (SR1)        |               |
|              | Extra        | Single leaf inward opening security gate              | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 6.015             | A1 (SR1)        |               |
|              | Extra        | Single leaf outward opening security gate             | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 1.887             | A1 (SR1)        |               |
|              | Extra        | Single leaf inward opening padlockable security gate  | 1.8, 2.0, 2.5 and 3.0 | 0.848             | 6.008             | A1 (SR1)        |               |
|              | Extra        | Single leaf outward opening padlockable security gate | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 1.887             | A1 (SR1)        |               |
|              | Imperial     | Single leaf inward opening security gate              | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 6.015             | A1 (SR1)        |               |
|              | Imperial     | Single leaf outward opening security gate             | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 1.887             | A1 (SR1)        |               |
|              | Imperial     | Single leaf inward opening padlockable security gate  | 1.8, 2.0, 2.5 and 3.0 | 0.848             | 6.008             | A1 (SR1)        |               |
|              | Imperial     | Single leaf outward opening padlockable security gate | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 1.887             | A1 (SR1)        |               |
|              | Standard     | Single leaf inward opening security gate              | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 6.015             | A1 (SR1)        |               |
|              | Standard     | Single leaf outward opening security gate             | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 1.887             | A1 (SR1)        |               |
|              | Standard     | Single leaf inward opening padlockable security gate  | 1.8, 2.0, 2.5 and 3.0 | 0.848             | 6.008             | A1 (SR1)        |               |
|              | Standard     | Single leaf outward opening padlockable security gate | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 1.887             | A1 (SR1)        |               |
|              | With Finials | Single leaf inward opening security gate              | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 6.015             | A1 (SR1)        |               |
|              | With Finials | Single leaf outward opening security gate             | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 1.887             | A1 (SR1)        |               |
|              | With Finials | Single leaf inward opening padlockable security gate  | 1.8, 2.0, 2.5 and 3.0 | 0.848             | 6.008             | A1 (SR1)        |               |
|              | With Finials | Single leaf outward opening padlockable security gate | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 1.887             | A1 (SR1)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 913p to LPS 1175: Issue 8**

**Security Gates**

| Product Name      | Type   | Height (m)        | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|-------------------|--|-------------------|-------------------|-------------------|-----------------|---------------|
| Defender Xtreme 1 | Single leaf inward opening security gate             | 2.25, 2.5 and 3.0 | 0.855             | 6.015             | A1 (SR1)        | 913p/01       |
|                   | Single leaf inward opening padlockable security gate | 2.25, 2.5 and 3.0 | 0.848             | 6.008             | A1 (SR1)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 913q to LPS 1175: Issue 8**

## PART 4: SECTION 7.2

### SECURITY GATES

#### Security Gates

| Product Name | Type  | Height (m)            | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|--------------|---|-----------------------|-------------------|-------------------|-----------------|---------------|
| Sentry 1     | Single leaf inward opening security gate              | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 6.015             | A1 (SR1)        | 913q/01       |
|              | Single leaf outward opening security gate             | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 1.887             | A1 (SR1)        |               |
|              | Single leaf inward opening padlockable security gate  | 1.8, 2.0, 2.5 and 3.0 | 0.848             | 6.008             | A1 (SR1)        |               |
|              | Single leaf outward opening padlockable security gate | 1.8, 2.0, 2.5 and 3.0 | 0.855             | 1.887             | A1 (SR1)        |               |

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Certificate No: 913r to LPS 1175: Issue 8

#### Security Gates

| Product Name | Model          | Type  | Height (m)          | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|--------------|----------------|---|---------------------|-------------------|-------------------|-----------------|---------------|
| Euroguard 1  | Combi          | Single leaf inward opening security gate              | 2.07, 2.47 and 3.11 | 0.855             | 2.0               | A1 (SR1)        | 913r/01       |
|              | Combi          | Single leaf outward opening security gate             | 2.07, 2.47 and 3.11 | 0.855             | 2.0               | A1 (SR1)        |               |
|              | Combi          | Single leaf inward opening padlockable security gate  | 2.07, 2.47 and 3.11 | 0.855             | 2.0               | A1 (SR1)        |               |
|              | Combi          | Single leaf outward opening padlockable security gate | 2.07, 2.47 and 3.11 | 0.855             | 2.0               | A1 (SR1)        |               |
|              | Platform Heavy | Single leaf inward opening security gate              | 2.03 and 2.43       | 0.855             | 6.0               | A1 (SR1)        |               |
|              | Platform Heavy | Single leaf outward opening security gate             | 2.03 and 2.43       | 0.855             | 2.0               | A1 (SR1)        |               |
|              | Platform Heavy | Single leaf inward opening padlockable security gate  | 2.03 and 2.43       | 0.855             | 6.0               | A1 (SR1)        |               |
|              | Platform Heavy | Single leaf outward opening padlockable security gate | 2.03 and 2.43       | 0.855             | 2.0               | A1 (SR1)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 913s to LPS 1175: Issue 8

#### Security Gates

| Product Name      | Type  | Height (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|-------------------|---|------------|-------------------|-------------------|-----------------|---------------|
| Securimesh Plus 2 | Single leaf inward opening padlockable security gate  | 2.442      | 0.855             | 4.0               | B3 (SR2)        | 913s/01       |
|                   | Single leaf outward opening padlockable security gate | 2.442      | 0.855             | 1.5               | B3 (SR2)        |               |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

### Lochrin Bain Limited

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Certificate No: 1337b to LPS 1175: Issue 7

**Security Gates**

| Product Name     | Type   | Nominal Heights (m) | Minimum Width (m) | Maximum Width (m) | Security Rating | LPCB Ref. No. |
|------------------|--|---------------------|-------------------|-------------------|-----------------|---------------|
| Lochrin Defender | Single leaf inward opening gate <sup>1</sup> | 2.4, 3.0            | 0.9               | 2.0               | 3               | 1337b/01      |
|                  | Double leaf inward opening gate              | 2.4, 3.0            | 3.0               | 12.0              | 3               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1097d to LPS 1175: Issue 7

**Security Gates**

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| SBD G-75     | Single leaf outward opening gate   | 0.579                                 | 3.139                                 | 0.526                                | 1.926                                | 2               | 1097d/01      |
|              | Single leaf outward opening gate with side and/or over panels <sup>1</sup> | 0.579                                 | 6.0                                   | 0.526                                | Unlimited                            | 2               |               |
|              | Single leaf inward opening gate  | 0.579                                 | 3.139                                 | 0.526                                | 1.926                                | 2               |               |
|              | Single leaf inward opening gate with side and/or over panels <sup>1</sup>  | 0.579                                 | 6.0                                   | 0.526                                | Unlimited                            | 2               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

Certificate No: 1097e to LPS 2081: Issue 1

**Security Gates**

| Product Name | Type   | Minimum Structural Opening Height (m) | Maximum Structural Opening Height (m) | Minimum Structural Opening Width (m) | Maximum Structural Opening Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|-----------------|---------------|
| SBD G-81     | Single leaf outward opening gate   | 0.579                                 | 3.139                                 | 0.526                                | 1.926                                | B               | 1097e/01      |
|              | Single leaf outward opening gate with side and/or over panels <sup>1</sup> | 0.579                                 | 6.0                                   | 0.526                                | Unlimited                            | B               |               |
|              | Single leaf inward opening gate  | 0.579                                 | 3.139                                 | 0.526                                | 1.926                                | B               |               |
|              | Single leaf inward opening gate with side and/or over panels <sup>1</sup>  | 0.579                                 | 6.0                                   | 0.526                                | Unlimited                            | B               |               |

## **PART 4: SECTION 7.2**

### **SECURITY GATES**

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **The Expanded Metal Company Limited**

P.O.Box 14, Longhill Industrial Estate (North), Hartlepool TS25 1PR, United Kingdom

Tel: +44 (0)1429 867 388 • Fax: +44 (0)1429 866 795

E-mail: [sales@exmesh.co.uk](mailto:sales@exmesh.co.uk) • Website: [www.exmeshsecurity.co.uk](http://www.exmeshsecurity.co.uk)

**Certificate No: 731a to LPS 1175: Issue 5**

#### **Vehicle and Pedestrian Gates**

| <b>Product Name</b> | <b>Type</b>  | <b>Width (mm)</b>               | <b>Height (mm)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|--|---------------------------------|--------------------|------------------------|----------------------|
| Alleygator™         | Pedestrian alley gate  | 810, 1000, 1100 and 1600        | 2350               | 1                      | 731a/01              |
|                     | Vehicle alley gate   | 2150, 2300, 2450, 3010 and 3300 | 2350               | 1                      | 731a/02              |
|                     | Vehicle alley gate incorporating inner pedestrian alley gate | 2150, 2300, 2450, 3010 and 3300 | 2350               | 1                      | 731a/03              |
|                     | Pedestrian alley gate  | 810, 1000, 1100 and 1600        | 2350               | 2 <sup>1</sup>         | 731a/04              |
|                     | Vehicle alley gate   | 2150, 2300, 2450, 3010 and 3300 | 2350               | 2 <sup>1</sup>         | 731a/05              |
|                     | Vehicle alley gate incorporating inner pedestrian alley gate | 2150, 2300, 2450, 3010 and 3300 | 2350               | 2 <sup>1</sup>         | 731a/06              |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

**Certificate No: 731f to LPS 1175: Issue 7**

#### **Security Gates**

| <b>Product Name</b> | <b>Type</b>   | <b>Nominal Height (m)</b> | <b>Minimum Width (m)</b> | <b>Maximum Width (m)</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|---|---------------------------|--------------------------|--------------------------|------------------------|----------------------|
| ExMesh™ SR2         | Inward or outward opening single leaf padlockable gate              | 2.0 to 3.325              | 0.8                      | 2.0                      | 2                      | 731f/02              |
|                     | Inward or outward opening double leaf <sup>1</sup> padlockable gate | 2.0 to 3.325              | 2.0                      | 12.0                     | 2                      |                      |
| ExMesh™ SR3         | Inward opening single leaf padlockable gate                         | 2.465 and 2.975           | 1.0                      | 1.5                      | 3                      | 731f/01              |
|                     | Inward opening double leaf <sup>1,2</sup> padlockable gate          | 2.465 and 2.975           | 2.0                      | 5.0                      | 3                      |                      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **Zaun Limited**

Steel Drive, Wolverhampton WV10 9ED, United Kingdom

Tel: +44 (0)1902 796699 • Fax: +44 (0)1902 796698

E-mail: [sales@zaun.co.uk](mailto:sales@zaun.co.uk) • Website: [www.zaun.co.uk](http://www.zaun.co.uk)

#### **Alternative Sales Address**

Binns Fencing Limited, Harvest House, Cranborne Road, Potters Bar, Hertfordshire EN6 3JF, United Kingdom

Tel: +44 (0)1707 855555

**Certificate No: 1164b to LPS 1175: Issue 7**

**Security Gates**

| Product Name | Type   | Nominal Height (m) <sup>1</sup> | Minimum Nominal Clear Opening <sup>2</sup> Width (m) | Maximum Nominal Clear Opening <sup>2</sup> Width (m) | Security Rating | LPCB Ref. No. |
|--------------|--|---------------------------------|--|--|-----------------|---------------|
| Duo8         | Single leaf inward opening padlockable hinged gate with base-plated posts          | 1.84                            | 1.0  | 1.56   | 1               | 1164b/01      |
|              | Single leaf inward opening padlockable hinged gate with base-plated posts          | 2.04                            | 1.0  | 1.56   | 1               |               |
|              | Single leaf inward opening padlockable hinged gate with base-plated posts          | 2.44                            | 1.0  | 1.56   | 1               |               |
|              | Single leaf inward opening padlockable hinged gate with base-plated posts          | 3.03 <sup>3</sup>               | 1.0  | 1.56   | 1               |               |
|              | Single leaf inward opening padlockable hinged gate with buried ('in ground') posts | 1.83                            | 1.0  | 1.56   | 1               |               |
|              | Single leaf inward opening padlockable hinged gate with buried ('in ground') posts | 2.03                            | 1.0  | 1.56   | 1               |               |
|              | Single leaf inward opening padlockable hinged gate with buried ('in ground') posts | 2.43                            | 1.0  | 1.56   | 1               |               |
|              | Single leaf inward opening padlockable hinged gate with buried ('in ground') posts | 3.03 <sup>3</sup>               | 1.0  | 1.56   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with base plated posts          | 1.84                            | 2.0  | 3.09   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with base-plated posts          | 1.84                            | 3.2  | 4.89   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with base-plated posts          | 2.04                            | 2.0  | 3.09   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with base-plated posts          | 2.04                            | 3.2  | 4.89   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with base-plated posts          | 2.415                           | 2.0  | 3.09   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with base-plated posts          | 2.415                           | 3.2  | 4.89   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with base-plated posts          | 3.02                            | 2.0  | 3.09   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with base-plated posts          | 3.02                            | 3.2  | 5.09   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with buried ('in ground') posts | 1.83                            | 2.0  | 3.09   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with buried ('in ground') posts | 1.83                            | 3.2  | 4.89   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with buried ('in ground') posts | 2.03                            | 2.0  | 3.09   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with buried ('in ground') posts | 2.03                            | 3.2  | 4.89   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with buried ('in ground') posts | 2.43                            | 2.0  | 3.09   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with buried ('in ground') posts | 2.43                            | 3.2  | 4.89   | 1               |               |
|              | Double leaf inward opening padlockable hinged gate with buried ('in ground') posts | 3.03                            | 2.0  | 3.09   | 1               |               |

# PART 4: SECTION 7.2

## SECURITY GATES

| Product Name   | Type   | Nominal Height (m) <sup>1</sup>  | Minimum Nominal Clear Opening <sup>2</sup> Width (m) | Maximum Nominal Clear Opening <sup>2</sup> Width (m) | Security Rating | LPCB Ref. No. |   |          |
|--|--|--|--|--|-----------------|---------------|---|----------|
| HiSec 358  | Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts | 3.03   | 3.2  | 5.09   | 1               | 1164b/02      |   |          |
|  | Single leaf inward opening padlockable hinged gate with base-plated posts          | 2.07   | 1.0  | 1.585  | 1               |               |   |          |
|  | Single leaf inward opening padlockable hinged gate with base-plated posts          | 2.47   | 1.0  | 1.585  | 1               |               |   |          |
|  | Single leaf inward opening padlockable hinged gate with buried ('in-ground') posts | 2.075  | 1.0  | 1.585  | 1               |               |   |          |
|  | Single leaf inward opening padlockable hinged gate with buried ('in-ground') posts | 2.475  | 1.0  | 1.585  | 1               |               |   |          |
|  | Double leaf inward opening padlockable hinged gate with base plated posts          | 2.47   | 2.0  | 3.135  | 1               |               |   |          |
|  | Double leaf inward opening padlockable hinged gate with base plated posts          | 3.07   | 2.0  | 3.135  | 1               |               |   |          |
|  | Double leaf inward opening padlockable hinged gate with base plated posts          | 2.475  | 3.2  | 5.135  | 1               |               |   |          |
|  | Double leaf inward opening padlockable hinged gate with base plated posts          | 3.075  | 3.2  | 5.135  | 1               |               |   |          |
|  | Double leaf inward opening padlockable hinged gate with base plated posts          | 2.48   | 5.0  | 7.135  | 1               |               |   |          |
|  | Double leaf inward opening padlockable hinged gate with base plated posts          | 3.08   | 5.0  | 7.135  | 1               |               |   |          |
|  | Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts | 2.475  | 2.0  | 3.105  | 1               |               |   |          |
|  | Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts | 3.075  | 2.0  | 3.105  | 1               |               |   |          |
|  | Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts | 2.475  | 3.2  | 5.105  | 1               |               |   |          |
|  | Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts | 3.075  | 3.2  | 5.105  | 1               |               |   |          |
|  | Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts | 2.475  | 5.0  | 7.105  | 1               |               |   |          |
|  | Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts | 3.075  | 5.0  | 7.105  | 1               |               |   |          |
|  | HiSec Super-10   | Single leaf inward opening padlockable hinged gate with base plated posts          | 2.07   | 1.0  | 1.585           |               | 2 | 1164b/03 |
|  |  | Single leaf inward opening padlockable hinged gate with base plated posts          | 2.47   | 1.0  | 1.585           |               | 2 |          |
|  |  | Single leaf inward opening padlockable hinged gate with buried ('in-ground') posts | 2.075  | 1.0  | 1.585           |               | 2 |          |
| Single leaf inward opening padlockable hinged gate with buried ('in-ground') posts |  | 2.475  | 1.0  | 1.585  | 2               |               |   |          |
| Double leaf inward opening padlockable hinged gate with base plated posts          |  | 2.47   | 2.0  | 3.135  | 2               |               |   |          |
| Double leaf inward opening padlockable hinged gate with base plated posts          |  | 3.07   | 2.0  | 3.135  | 2               |               |   |          |

**PART 4: SECTION 7.2**

## SECURITY GATES

| Product Name  | Type | Nominal Height (m) <sup>1</sup> | Minimum Nominal Clear Opening <sup>2</sup> Width (m) | Maximum Nominal Clear Opening <sup>2</sup> Width (m) | Security Rating | LPCB Ref. No. |
|---|------|---------------------------------|--|--|-----------------|---------------|
| Double leaf inward opening padlockable hinged gate with base plated posts           |      | 2.475                           | 3.2  | 5.135  | 2               |               |
| Double leaf inward opening padlockable hinged gate with base plated posts           |      | 3.075                           | 3.2  | 5.135  | 2               |               |
| Double leaf inward opening padlockable hinged gate with base plated posts           |      | 2.48                            | 5.0  | 7.135  | 2               |               |
| Double leaf inward opening padlockable hinged gate with base plated posts           |      | 3.08                            | 5.0  | 7.135  | 2               |               |
| Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts  |      | 2.475                           | 2.0  | 3.105  | 2               |               |
| Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts  |      | 3.075                           | 2.0  | 3.105  | 2               |               |
| Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts  |      | 2.475                           | 3.2  | 5.105  | 2               |               |
| Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts  |      | 3.075                           | 3.2  | 5.105  | 2               |               |
| Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts  |      | 2.475                           | 5.0  | 7.105  | 2               |               |
| Double leaf inward opening padlockable hinged gate with buried ('in-ground') posts  |      | 3.075                           | 5.0  | 7.105  | 2               |               |
| Single leaf outward opening padlockable hinged gate with buried ('in-ground') posts |      | 2.075                           | 1.0  | 1.61   | 2               |               |
| Single leaf outward opening padlockable hinged gate with buried ('in-ground') posts |      | 2.475                           | 1.0  | 1.61   | 2               |               |
| Double leaf outward opening padlockable hinged gate with buried ('in-ground') posts |      | 2.475                           | 2.0  | 3.185  | 2               |               |
| Double leaf outward opening padlockable hinged gate with buried ('in-ground') posts |      | 3.075                           | 2.0  | 3.185  | 2               |               |
| Double leaf outward opening padlockable hinged gate with buried ('in-ground') posts |      | 2.475                           | 3.2  | 5.185  | 2               |               |
| Double leaf outward opening padlockable hinged gate with buried ('in-ground') posts |      | 3.075                           | 3.2  | 5.185  | 2               |               |
| Double leaf outward opening padlockable hinged gate with buried ('in-ground') posts |      | 2.475                           | 5.0  | 7.225  | 2               |               |
| Double leaf outward opening padlockable hinged gate with buried ('in-ground') posts |      | 3.075                           | 5.0  | 7.225  | 2               |               |
| Double leaf outward opening padlockable hinged gate with buried ('in-ground') posts |      | 4.075                           | 5.0  | 5.255  | 2               |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 7.3**

### **TURNSTILES**

#### **Frontier Pitts Ltd**

Crompton House, Crompton Way, Manor Royal Industrial Estate, Crawley, West Sussex RH10 9QZ, United Kingdom

Tel: +44 (0)1293 548301 • Fax: +44 (0)1293 560650

E-mail: [sales@frontierpitts.com](mailto:sales@frontierpitts.com) • Website: [www.frontierpitts.com](http://www.frontierpitts.com)

Certificate No: 1059a to LPS 1175: Issue 6

#### **Full Height Turnstile**

| Product Name          | Type                         | Number of Rota Arms | Walkway Width (m) <sup>1</sup> | Nominal Overall Unit Height (m) <sup>2</sup> | Nominal Overall Unit Width <sup>2</sup> | Nominal Overall Unit Depth <sup>2</sup> | Security Rating <sup>3,4,5</sup> | LPCB Ref. No. |
|-----------------------|------------------------------|---------------------|--------------------------------|--|---|---|----------------------------------|---------------|
| Terra Diamond Grade 3 | Single full height turnstile | Four                | 0.5                            | 2.387  | 1.380                                   | 1.390                                   | 3                                | 1059a/01      |
| Terra Diamond Grade 4 | Single full height turnstile | Four                | 0.5                            | 2.387  | 1.380                                   | 1.390                                   | 4                                | 1059a/02      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **Security Solutions (Northern) Limited**

Phoenix House, 7 Riverside, Waters Meeting Road, Bolton, Lancashire BL1 8TU, United Kingdom

Tel: +44 (0)843 636 4627

E-mail: [sales@securitysolutionsgb.com](mailto:sales@securitysolutionsgb.com) • Website: [www.securitysolutionsgb.com](http://www.securitysolutionsgb.com)

Certificate No: 1523a to LPS 1175: Issue 8

#### **Full Height Turnstile**

| Product Name | Type                         | Number of Rotor Arms | Walkway Width (m) | Nominal Overall Unit Height (m) | Nominal Overall Unit Width (m) | Nominal Overall Unit Depth (m) | Security Rating | LPCB Ref. No. |
|--------------|------------------------------|----------------------|-------------------|---------------------------------|--------------------------------|--------------------------------|-----------------|---------------|
| SSHSTS 3000  | Single full height turnstile | Four                 | 0.512             | 2.55                            | 1.422                          | 1.43                           | C5 (SR3)        | 1523a/01      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)



Vehicle security barriers and their associated foundations are evaluated against the requirements of PAS 68: 2013 *Impact test specifications for vehicle security barrier systems*.

Barriers are classified according to the following measurements after a single impact by a vehicle of a defined mass, velocity and angle of impact:

- The distance the vehicle passed beyond the plane of the barrier.
- The distance the major debris dispersed beyond the plane of the barrier.

While many products placed on the market claim to deliver performance commensurate with that required in PAS 68, few claims are supported by independent approvals such as that provided by LPCB. This leaves specifiers vulnerable to changes to the products specification which may not be evident when presented with a copy of a type test report.

The products' performance is a factor of its design, quality of manufacture and how it is installed, maintained and used. LPCB's approval scheme therefore targets these factors. In doing so, LPCB certification and Red Book listing provides specifiers and users independent assurance that the impact classification allocated to vehicle security barriers reflect their performance when installed and maintained in accordance with the product instructions.

LPCB also offers optional approval confirming a vehicle barrier's resistance to manual attacks aimed at undermining the barrier's ability to prevent a vehicle passing it unhindered in accordance with LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers*.

The scope of LPCB certification is due to be extended to cover vehicle barriers to the following international standards:

- CEN Workshop Agreement CWA 16221: 2010 *Vehicle security barriers. Performance requirements, test methods and guidance on application*.
- ISO International Workshop Agreement IWA 14-1: 2014 *Vehicle security barriers. Part 1: Performance requirements, vehicle impact test method and performance rating*.

This section will include vehicle security barriers such as:

- Fixed bollards
- Rising bollards
- Road blockers
- Drop arm barriers

In addition to ensuring the barrier resists vehicle impact, it is important to ensure control equipment used to operate raising bollards, blockers and other powered barriers is suitably resistant to being tampered with to prevent the barrier being operated. Specifiers should therefore consider specifying such equipment is housed within suitably secure enclosures related to LPS 1175.

## **PART 4: SECTION 9**

### **CYCLE RACKS AND STANDS**

This section lists cycle racks and stands that have been approved to LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers*.

The approval confirms the resistance to unauthorised removal of cycles from the products listed when those products are installed and maintained in accordance with the approved instructions, and cycles are secured to them in accordance with the instructions provided with the product.

If a product incorporates a locking mechanism, that mechanism's resistance to attack is covered by the security rating attributed to the product. In such cases, details of the locking mechanism(s) covered by the approval are included within the product listing. However, if the product relies on the user's cycle lock to secure the cycle to it, the performance of the user's lock is not covered by the scope of the approval and it is the user's responsibility to ensure the cycle lock they use offers appropriate resistance to attack.

The certification does not cover the products' ability to prevent:

- Removal of any individual components from the cycles.
- Vandalism to the cycles.

In addition to approving the cycle racks and stands listed in this section, LPCB also approve:

- Security enclosures designed to secure cycles to LPS 1175.
- Padlocks to LPS 1654 *Requirements and testing procedures for the LPCB approval and listing of padlocks*.

This section lists gas cylinder security devices that have been approved to LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers.*

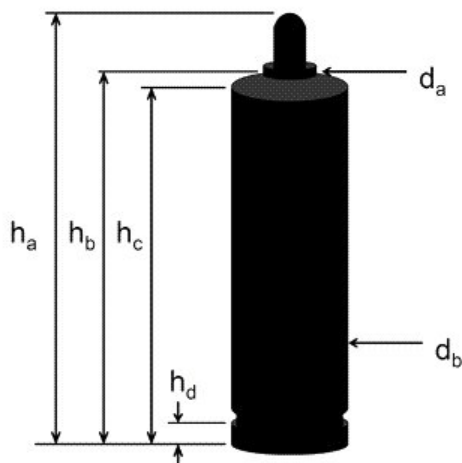
The certification covers the resistance to unauthorised removal of gas cylinders provided by the security devices when installed and maintained in accordance with the approved instructions.

The certification does not cover the resistance to unauthorised operation of the gas cylinders when secured by the devices listed.

### Product Selection

When selecting a gas cylinder security device, check that the product's approval covers the types and sizes of cylinders to be secured, the compatible locking systems listed and the substrates to which the devices may be fixed in order to provide secure anchorage - all can affect the level of security provided by the product.

To enable selection of the most appropriate product for the desired application, the listing defines the gas cylinders that are covered by the scope of approval in terms of the supplier, supplier reference and following dimensions:



Key:

- $h_a$  = Height of cylinder, including foot ring and neck ring and/or valve cap
- $h_b$  = Height of cylinder to base of neck ring
- $h_c$  = Height of cylinder to edge of shoulder
- $h_d$  = Height of foot ring
- $d_a$  = Diameter at base of neck ring/valve cap
- $d_b$  = Diameter of cylinder

To achieve the security ratings:

- (a) the gas cylinder security devices must be installed in accordance with the manufacturer's instructions;
- (b) all locks must be fully engaged and deadlocked; and
- (c) all exposed fixings, the substrate onto which each device is fitted and the locking mechanism(s) must be regularly checked to ensure they are in good condition and that they have not been tampered with.

## **PART 4: SECTION 10**

### **GAS CYLINDER SECURITY DEVICES**

#### **Liddle Doors Limited**

Wagonway Road Industrial Estate, Hebburn, Tyne and Wear NE31 1SP, United Kingdom

Tel: +44 (0)191 483 5449 • Fax: +44 (0)191 489 0698

E-mail: [liddle@liddledoors.co.uk](mailto:liddle@liddledoors.co.uk) • Website: [www.liddledoors.co.uk](http://www.liddledoors.co.uk)

Certificate No: 442c to LPS 1175: Issue 6

#### **Gas Cylinder Security Devices**

| <b>Product Name</b>                  | <b>Model</b>    | <b>Type</b>                 | <b>Compatible Gas Cylinders</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|--------------------------------------|-----------------|-----------------------------|---------------------------------|------------------------|----------------------|
| Liddle Series 2 Bottle Storage Frame | LD Type A (CL2) | Three bottle storage frame  | 1, 4, 5 and 6                   | 2                      | 442c/01              |
|                                      | LD Type A (SO2) | Three bottle storage frame  | 2                               | 2                      |                      |
|                                      | LD Type A (NH3) | Three bottle storage frame  | 3                               | 2                      |                      |
|                                      | LD Type B (CL2) | Two bottle storage frame    | 1, 4, 5 and 6                   | 2                      |                      |
|                                      | LD Type B (SO2) | Two bottle storage frame    | 2                               | 2                      |                      |
|                                      | LD Type B (NH3) | Two bottle storage frame    | 3                               | 2                      |                      |
|                                      | LD Type C (CL2) | Four bottle storage frame   | 1, 4, 5 and 6                   | 2                      |                      |
|                                      | LD Type C (SO2) | Four bottle storage frame   | 2                               | 2                      |                      |
|                                      | LD Type C (NH3) | Four bottle storage frame   | 3                               | 2                      |                      |
|                                      | LD Type D (CL2) | Six bottle storage frame    | 1                               | 2                      |                      |
|                                      | LD Type D (SO2) | Six bottle storage frame    | 2                               | 2                      |                      |
|                                      | LD Type F (CL2) | Single bottle storage frame | 1, 4, 5 and 6                   | 2                      |                      |
|                                      | LD Type F (SO2) | Single bottle storage frame | 2                               | 2                      |                      |
|                                      | LD Type F (NH3) | Single bottle storage frame | 3                               | 2                      |                      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

#### **Technocover Limited (incorporating TechnoRail and Strataform)**

Henfaes Lane, Welshpool, Powys SY21 7BE, United Kingdom

Tel: +44 (0)1938 555511 • Fax: +44 (0)1938 555527

E-mail: [techadvice@technocover.co.uk](mailto:techadvice@technocover.co.uk) • Website: [www.technocover.co.uk](http://www.technocover.co.uk)

Certificate No: 450e to LPS 1175: Issue 6

#### **Gas Cylinder Security Devices**

| <b>Product Name</b>        | <b>Type</b>           | <b>Gas Cylinders</b> | <b>Security Rating</b> | <b>LPCB Ref. No.</b> |
|----------------------------|-----------------------|----------------------|------------------------|----------------------|
| Ultrasecure Cylinder Clamp | Single cylinder clamp | 1, 2, 3, 4 and 5     | 2                      | 450e/01              |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

At the request of the Association of British Insurers, the LPCB developed LPS 1214 *Specification for testing and classifying physical protection devices for personal computers and similar equipment* for the performance of security equipment designed to prevent removal of computer and other office equipment:

The standard currently defines two categories of protection. Both categories of protection device prevent theft of the complete computer for three minutes allowing a response by Police or security guards, while Category II products also prevent removal of the computer chips for the same period.

Suitable applications for products certified to LPS 1214 are described below:

Category I: Prevent unauthorised removal of personal computers (PCs), file servers, printers, facsimile machines and other high value equipment for example where access is important for use and the component value is low.

Category II: Prevent unauthorised removal of or access to personal computers (PCs), file servers, printers, facsimile machines and other high value equipment for example where the PC is both important and highly valued and/or the component value is high.

Specifiers requiring category II protection devices should ensure that they select a device suitable for their particular equipment and that there is suitable ventilation of the computer in accordance with any instructions and warranty conditions supplied with the computer.

In order that they will provide the required protection, the approved equipment must be installed in accordance with the manufacturer's instructions and be in the locked condition with keys removed and held in a secure location.

It is recommended that users regularly check that all exposed fixings and locking mechanisms are in good condition and that they have not been tampered with.

In addition to approving physical protection devices for personal computers and similar equipment to LPS 1214, LPCB also evaluate and approve the following equipment designed to secure larger volumes of ICT equipment to LPS 1175 *Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers*:

- Racking systems
- Modular enclosures
- Composite panelling systems designed for constructing data halls.

Security products approved to LPS 1175 Security Rating 2 provide an equivalent resistance to forced entry as that provided by an LPS 1214 Category I device.

It is also recommended that ICT equipment is marked with an asset management marking system approved to LPS 1225 *Requirements for the LPCB approval and listing of asset marking systems* and registered on a secure asset database certified to LPS 1224 *Requirements for companies providing secure asset registration services*. Marking devices and secured database services are listed in Sections 13 and 14.

## **PART 4: SECTION 12**

### ANTI-BANDIT ATM SECURITY DEVICES

A number of ATMs have been attacked while being replenished because this is when the cash cassettes are generally the most vulnerable to removal from the ATM.

Products listed in this section are designed to prevent the unauthorised removal of cash cassettes from the ATM safe when the ATM safe door is open.

The products have been approved to *LPS 1175 Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free standing barriers*.

LPS 1175 is based on manual attack testing and currently defines eight levels of resistance to entry.

These are measured in terms of attack tools and time available to the attacker. This enables specifiers to select products according to the risks that they and their property face.

Due to the intended application of these products, the entry criteria used to assess these products in accordance with clause 4.3 of LPS 1175 is defined in the notes relating to each of the products listed.

Although the evaluation and approval covers attempts to remove the products from the ATM safes to which they are fitted, they do not cover the attack resistance of those ATM safes.

The essential requirements of LPS 1224: Issue 2 *Requirements for Secure Database Registers* were developed as a result of needs identified by the Police, Insurers and Home Office. LPS 1224 ensured that Police and other legitimate enquirers can confirm ownership of property 24 hours a day while ensuring full details of property ownership are held securely and in accordance with the Data Protection Act.

Therefore, under the requirements of LPS 1224: Issue 2, the database operator must:

- (i) Have an established track record in the field of asset registration of at least one year.
- (ii) Operate the database in accordance with a documented set of procedures in accordance with the requirements defined in LPS 1224.
- (iii) Offer a telephone check line service manned by trained operatives. In accordance with Government policy, the service shall be available 24 hour a day and shall be free of direct charge to the enquirer, e.g. it shall not be chargeable to the enquirer as a premium rate telephone service.

More recently LPS 1224: Issue 3 *Requirements for companies providing security asset registration services* was developed. This covers database services provided over the internet as well as those which may be accessed using other media.

This section lists companies that run databases that have been assessed and approved to either version of LPS 1224.

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Certificate No: 665a to LPS 1224: Issue 2

#### **Secure Database Register**

| Product Name               | Telephone Number | Web Address | LPCB Ref. No. |
|----------------------------|------------------|-------------|---------------|
| Datatag ID Secure Database | 08450 700 440    | As above    | 665a/01       |

A copy of the certificate may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 497b to LPS 1224: Issue 3

#### **Secure Database Register**

| Product Name                      | Security Level | LPCB Ref. No. |
|-----------------------------------|----------------|---------------|
| Selectamark Secure Asset Register | 2              | 497b/01       |
| BikeRegister                      | 1              | 497b/02       |

A copy of the certificate, including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

## **PART 4: SECTION 14**

### **ASSET MARKING SYSTEMS**

The following marking devices listed have been tested to LPS 1225 *Requirements for the LPCB approval and listing of asset marking systems*.

LPS 1225 specifies requirements for the composition and performance of an asset marking system such that, when used according to the manufacturer's instructions, the asset marking device may:

- i) Enable the marked asset to be traced to the legal owner via a secure database register linked to the marking system employed.
- ii) Act as a theft deterrent in the first instance by virtue of known existence.

It is assumed that the part of the asset to which the asset marking device is applied is at least equal in resistance to removal from the asset as the asset marking device employed.

The two-part classification indicates the resistance of the product to eradication of ownership traceability and resistance to complete removal of marking without leaving evidence of previous existence. This gives the end-user the option of selecting a product to suit the required application. Complete removal of the marking and restoration of the asset gives maximum resale value to the stolen asset; however the standard does not take into account replication or replacement of components as part of asset restoration.

The overall classification designation achieved is given by two numerals separated by a plus sign. The first numeral represents the resistance rating to erasure of traceability and the second numeral to complete removal/asset restoration.

The two classifications are both on a scale of one to eight. Classification '1' performance relates to that which should be expected as a minimum for marking devices used in the retail trade and other public areas equipped with CCTV and security staff. Classification '8', on the other hand, is aimed at marking devices applied to assets that have a high value and this will be the subject of a more determined level of effort by the criminal in order to prevent traceability or completely remove the mark.

Long term durability of the system and associated components are beyond the scope of this standard, as are the performance requirements of any covert marking technology incorporated in the system.

Although this standard specifies that the product instructions shall include hazard data, confirmation of the authenticity of such data is not addressed.

All approved marking devices are marked with a unique asset identification code. The LPCB certification mark and reference numbers relating to the marking device and database, and the telephone number of the database will also be marked on the marking device, or where this is not viable, on separate warning labels which are supplied with the marking device.

In addition to LPS 1225, LPCB is currently working with manufacturers and specifiers to finalise standards classifying the performance of "microdot", "trace chemical" and RFID marking systems. Please contact the Security Team (email: [PhysicalSecurity@bre.co.uk](mailto:PhysicalSecurity@bre.co.uk)) for more information.

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Certificate No: 497a to LPS 1225: Issue 3



### Overt Asset Marking Systems

| Product Name                           | Type of Marking Device       | Compatible Substrate                | Resistance Rating Classification | Database Reference Number | LPCB Ref. No. |
|--|------------------------------|-------------------------------------|----------------------------------|---------------------------|---------------|
| Selectamark (7mm)                      | Glass etching compound       | Float glass                         | 1 + 8                            | 497b                      | 497a/01       |
|  | 'Blue' etching compound      | ABS plastic                         | 1 + 2                            | 497b                      | 497a/02       |
|  | 'Blue' etching compound      | Enamel finished steel               | 1 + 1                            | 497b                      |               |
|  | 'Blue' etching compound      | Leather                             | 1 + 2                            | 497b                      |               |
|  | 'Blue' etching compound      | Polycarbonate                       | 2 + 5                            | 497b                      |               |
|  | 'Blue' etching compound      | Polymethyl Methacrylate ("Perspex") | 1 + 3                            | 497b                      |               |
|  | 'Blue' etching compound      | Planed softwood timber              | 1 + 1                            | 497b                      |               |
|  | 'Blue' etching compound      | Planed hardwood timber              | 1 + 1                            | 497b                      |               |
|  | 'Blue' etching compound      | Plywood                             | 1 + 1                            | 497b                      |               |
|  | 'Blue' etching compound      | PVC                                 | 1 + 2                            | 497b                      |               |
|  | 'UV-Orange' etching compound | ABS plastic                         | 1 + 2                            | 497b                      | 497a/03       |
|  | 'UV-Orange' etching compound | Enamel finished steel               | 1 + 1                            | 497b                      |               |
|  | 'UV-Orange' etching compound | Leather                             | 1 + 2                            | 497b                      |               |
|  | 'UV-Orange' etching compound | Polycarbonate                       | 2 + 5                            | 497b                      |               |
|  | 'UV-Orange' etching compound | Polymethyl Methacrylate ("Perspex") | 1 + 3                            | 497b                      |               |
|  | 'UV-Orange' etching compound | Planed softwood timber              | 1 + 1                            | 497b                      |               |
|  | 'UV-Orange' etching compound | Planed hardwood timber              | 1 + 1                            | 497b                      |               |
|  | 'UV-Orange' etching compound | Plywood                             | 1 + 1                            | 497b                      |               |
|  | 'UV-Orange' etching compound | PVC                                 | 1 + 2                            | 497b                      |               |
|  | Supermark (5mm)              | Label and 'Blue' etching compound   | ABS plastic                      | 1 + 3                     | 497b          |
| Label and 'Blue' etching compound      |                              | Enamel finish steel                 | 1 + 2                            | 497b                      |               |
| Label and 'Blue' etching compound      |                              | Polycarbonate                       | 1 + 4                            | 497b                      |               |
| Label and 'Blue' etching compound      |                              | Polypropylene                       | 1 + 2                            | 497b                      |               |
| Label and 'Blue' etching compound      |                              | Polymethyl Methacrylate ("Perspex") | 1 + 4                            | 497b                      |               |
| Label and 'Blue' etching compound      |                              | Planed softwood timber              | 1 + 2                            | 497b                      |               |
| Label and 'Blue' etching compound      |                              | Planed hardwood timber              | 1 + 2                            | 497b                      |               |
| Label and 'Blue' etching compound      |                              | Plywood                             | 1 + 2                            | 497b                      |               |
| Label and 'Blue' etching compound      |                              | PVC                                 | 1 + 3                            | 497b                      |               |
| Label and 'UV-Orange' etching compound |                              | ABS plastic                         | 1 + 3                            | 497b                      | 497a/05       |
| Label and 'UV-Orange' etching compound |                              | Enamel finished steel               | 1 + 2                            | 497b                      |               |
| Label and 'UV-Orange' etching compound |                              | Polycarbonate                       | 1 + 4                            | 497b                      |               |
| Label and 'UV-Orange' etching compound |                              | Polypropylene                       | 1 + 2                            | 497b                      |               |
| Label and 'UV-Orange' etching compound |                              | Polymethyl Methacrylate ("Perspex") | 1 + 4                            | 497b                      |               |

# PART 4: SECTION 14

## ASSET MARKING SYSTEMS

| Product Name                          | Type of Marking Device                 | Compatible Substrate                  | Resistance Rating Classification | Database Reference Number | LPCB Ref. No. |
|---------------------------------------|--|---------------------------------------|----------------------------------|---------------------------|---------------|
| Selectamark (5mm)                     | Label and 'UV-Orange' etching compound | Planned softwood timber               | 1 + 2                            | 497b                      |               |
|                                       | Label and 'UV-Orange' etching compound | Planed hardwood timber                | 1 + 2                            | 497b                      |               |
|                                       | Label and 'UV-Orange' etching compound | Plywood                               | 1 + 2                            | 497b                      |               |
|                                       | Label and 'UV-Orange' etching compound | PVC                                   | 1 + 3                            | 497b                      |               |
|                                       | 'Blue' etching compound                | ABS plastic                           | 1 + 2                            | 497b                      | 497a/02       |
|                                       | 'Blue' etching compound                | Enamel finished steel                 | 1 + 1                            | 497b                      |               |
|                                       | 'Blue' etching compound                | Polycarbonate                         | 2 + 5                            | 497b                      |               |
|                                       | 'Blue' etching compound                | Polymethyl Methacrylate ("Perspex")   | 1 + 3                            | 497b                      |               |
|                                       | 'Blue' etching compound                | PVC                                   | 1 + 2                            | 497b                      |               |
|                                       | 'Ice Blue' etching compound            | ABS plastic                           | 1 + 2                            | 497b                      | 497a/07       |
| Selectamark (7mm)                     | 'Ice Blue' etching compound            | Enamel finished steel                 | 1 + 1                            | 497b                      |               |
|                                       | 'Ice Blue' etching compound            | Polycarbonate                         | 2 + 5                            | 497b                      |               |
|                                       | 'Ice Blue' etching compound            | Polymethyl Methacrylate ("Perspex")   | 1 + 3                            | 497b                      |               |
|                                       | 'Ice Blue' etching compound            | PVC                                   | 1 + 2                            | 497b                      |               |
|                                       | 'Ice Blue' etching compound            | ABS plastic                           | 1 + 2                            | 497b                      |               |
|                                       | 'Ice Blue' etching compound            | Enamel finished steel                 | 1 + 2                            | 497b                      |               |
|                                       | 'Ice Blue' etching compound            | Polycarbonate                         | 2 + 5                            | 497b                      |               |
|                                       | 'Ice Blue' etching compound            | Polymethyl Methacrylate ("Perspex")   | 1 + 3                            | 497b                      |               |
|                                       | 'Ice Blue' etching compound            | PVC                                   | 1 + 2                            | 497b                      |               |
|                                       | Supermark (5mm)                        | Label and 'Ice Blue' etching compound | ABS plastic                      | 1 + 3                     | 497b          |
| Label and 'Ice Blue' etching compound |  | Enamel finished steel                 | 1 + 2                            | 497b                      |               |
| Label and 'Ice Blue' etching compound |  | Polycarbonate                         | 1 + 4                            | 497b                      |               |
| Label and 'Ice Blue' etching compound |  | Polymethyl Methacrylate ("Perspex")   | 1 + 4                            | 497b                      |               |
| Label and 'Ice Blue' etching compound |  | Polypropylene                         | 1 + 2                            | 497b                      |               |
| Label and 'Ice Blue' etching compound |  | PVC                                   | 1 + 3                            | 497b                      |               |
| Label and 'Ice Blue' etching compound |  |                                       |                                  |                           |               |

A copy of the certificate, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

This section lists 'theft resistant' electronic products that have been assessed to LPS 1650 *Requirements and testing procedures for the LPCB approval and listing of 'theft resistant' electronic products*. This includes:

- In-car entertainment systems - PDA's
- DVD players and writers - Personal computers
- Health care equipment - Projectors and wipe boards
- Laptops - Printers
- Mobile telephones - Satellite navigation devices
- MP3 players - Televisions and screens

The attributes that make these products particularly desirable to thieves can be summarised into six elements and these elements are often referred to by the acronym CRAVED:

**C**oncealable  
**R**emovable  
**A**vailable  
**V**aluable  
**E**njoyable  
**D**isposable.

Whilst each element can be used to determine which products are likely to be stolen, the frequency at which the thefts occur may ultimately depend on just one attribute, the ease at which the item can be disposed.

The intention of LPS 1650 is to encourage the use of effective security features that make it difficult to return the product to a 'saleable' condition if stolen, thus reducing the level to which they are craved by criminals.

Whilst the standard does not specify any one particular design of anti-theft technology, it includes requirements for the performance of the following types:

- Denial of service technologies, such as PIN codes, removal coded panels and electronic keys

*Use of effective denial of service technology can prevent the product being enjoyed by persons other than the legitimate owner(s).*

- Asset marking systems (overt and covert) linked to secure databases providing traceability to the legal owner of the product

*Asset marking that cannot be removed without damaging the product can make it harder for the thief to dispose of the item and reduce the value of the goods if removal is attempted.*

- Anchoring devices providing mechanical resistance against unauthorised removal of the product.

*Secure fixing to a solid mounting surface can increase the effort required to remove the product.*

- Alarm /signalling technologies providing warning of attempted removal.

*An audible alarm could make the product less concealable.*

The requirements and tests of LPS 1650 permit the assessment and rating of the performance of the anti-theft security features built into or supplied with the product.

Where appropriate, reference is made to specific requirements of standards such as:

- LPS 1224 *Requirements for secure database registers.*
- LPS 1225 *Requirements for the LPCB approval and listing of asset marking systems.*
- LPS 1214 *Specification for testing and classifying physical protection devices for personal computers and similar equipment and a number of other applicable European standards.*

## **PART 4: SECTION 15**

### **'THEFT RESISTANT' ELECTRONIC PRODUCTS**

The overall security performance rating achieved by a product is indicated by a series of security performance classifications, expressed in the format shown below. To meet the minimum requirement of LPS 1650, a product must achieve at least one denial of service classification.

Format of security performance classification:

DSTX - OX - XX+X+X - FX - AX

Where:

DSTX = Denial of service classification

OX = Overt marking classification

XX+X+X = Covert marking classification

FX = Anchoring device classification

AX = Alarm classification

Notes:

1. 'X' are numerals corresponding to the security performance classification achieved for each of the anti-theft technologies. The larger the value of X, the higher the security rating.
2. Products meeting only some of the classification requirements will only display those ratings that apply.

For details of the security performance rating parameters and their classification refer to LPS 1650.

This section lists padlocks and padlock fittings that have been approved to one or more of the following standards:

- LPS 1654: Issue 1 *Requirements and testing procedures for the LPCB approval and listing of padlocks*
- EN 12320: 2012 *Building hardware - Padlocks and padlock fittings - Requirements and test methods*

LPS 1654 was developed because it was considered the method for classifying the attack resistance of padlocks specified within the current European standard (EN 12320) was incompatible with that employed within LPS 1175 *Requirements and testing procedures for the LPCB certification and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers*. This was because:

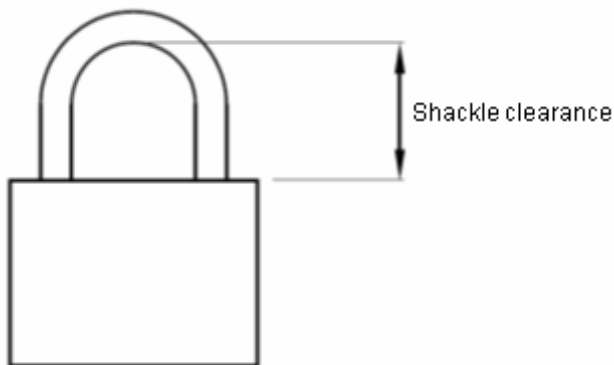
- The manual attack tests defined in EN 12320 did not take into consideration the wide range of tools and attack techniques available to an attacker.
- The tools, attack techniques and available working time defined in EN 12320 did not correspond with the security rating classification system defined in LPS 1175.

The security ratings defined in LPS 1654 are loosely based upon domestic risks (security ratings 1 and 2), commercial risks (security ratings 2, 3 and 4), high security risks (security ratings 5 and 6) and extremely high security facilities (security ratings 7 and 8).

When selecting padlocks, it is important to consider whether the hasp and staple, padbar or other device to which the padlock is fitted offers comparable resistance to manual attack.

The following definitions are used in this section:

- Padlock with closed shackle - A padlock with 'shoulders' on the top of the body that partially protect the shackle.
- Padlock with open shackle - A padlock with no 'shoulders' on the body, as illustrated in the figure below.
- Shackle clearance - The distance between the top of the padlock body and the underside of the shackle, as illustrated in the figure below.



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Certificate No: 1245a to LPS 1654: Issue 1

## PART 4: SECTION 16

### PADLOCKS AND PADLOCK FITTINGS

#### Padlocks

| Product Name             | Type  | Shackle Clearance (mm) | Security Rating <sup>1</sup> | LPCB Ref. No. |
|--------------------------|---|------------------------|------------------------------|---------------|
| Abloy PL340/25           | Padlock with open shackle                       | 25.0                   | 2+                           | 1245a/01      |
| Abloy PLI340/25          | Padlock with open shackle                       | 25.0                   | 2+                           | 1245a/14      |
| Abloy PLM340/25          | Padlock with open shackle                       | 25.0                   | 2+                           | 1245a/15      |
| Abloy PLLW340/25         | Padlock with open shackle                       | 25.0                   | 2+                           | 1245a/10      |
| Abloy PL342              | Padlock with closed shackle                     | 25.0                   | 2+                           | 1245a/02      |
| Abloy PL601              | Padlock with open shackle                       | 20.0                   | 2+                           | 1245a/05      |
| Abloy PL350/25           | Padlock with open shackle                       | 25.0                   | 3+                           | 1245a/03      |
| Abloy PLI350/25          | Padlock with open shackle                       | 25.0                   | 3+                           | 1245a/16      |
| Abloy PLM350/25          | Padlock with open shackle                       | 25.0                   | 3+                           | 1245a/17      |
| Abloy PLLW350/25         | Padlock with open shackle                       | 25.0                   | 3+                           | 1245a/11      |
| Abloy PLLW362            | Padlock with closed shackle                     | 25.0                   | 3+                           | 1245a/12      |
| Abloy PLLW639            | Padlock with open shackle                       | 25.0                   | 3+                           | 1245a/13      |
| Abloy PL362              | Padlock with closed shackle                     | 25.0                   | 3+                           | 1245a/04      |
| Abloy PL645              | Padlock with shackle protector                  | 22.0                   | 3+                           | 1245a/06      |
| Abloy PL654              | Padlock with shackle protector                  | 22.0                   | 3+                           | 1245a/07      |
| Abloy PL662              | Padlock with closed shackle                     | 25.0                   | 3+                           | 1245a/09      |
| Abloy PL660 <sup>2</sup> | Padlock with closed shackle and hasp and staple | 25.0                   | 4+                           | 1245a/08      |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1179a to LPS 1654: Issue 1

#### Padlocks

| Product Name     | Type                        | Shackle Clearance (mm) | Security Rating <sup>1</sup> | LPCB Ref. No. |
|------------------|-----------------------------|------------------------|------------------------------|---------------|
| SS50S            | Padlock with open shackle   | 26.0                   | 2                            | 1179a/01      |
| SS50 M3ARX       | Padlock with open shackle   | 26.0                   | 2+                           |               |
| SS50CS           | Padlock with closed shackle | 16.0                   | 2                            |               |
| SS50C M3ARX      | Padlock with closed shackle | 16.0                   | 2+                           |               |
| SS65S LEV3       | Padlock with open shackle   | 29.0                   | 3                            | 1179a/02      |
| SS65 M3ARX LEV3  | Padlock with open shackle   | 29.0                   | 3+                           |               |
| SS65CS LEV3      | Padlock with closed shackle | 19.0                   | 3                            |               |
| SS65C M3ARX LEV3 | Padlock with closed shackle | 19.0                   | 3+                           |               |
| SS80S            | Padlock with open shackle   | 34.5                   | 3                            | 1179a/03      |
| SS80NW4          | Padlock with open shackle   | 34.5                   | 3                            |               |
| SS80CS           | Padlock with closed shackle | 22.5                   | 3                            |               |
| SS80CNW4         | Padlock with closed shackle | 22.5                   | 3                            |               |
| SS100s           | Padlock with open shackle   | 48.0                   | 4                            | 1179a/04      |
| SS100cs          | Padlock with closed shackle | 28.0                   | 4                            |               |

A copy of the certificate, confirming the full scope of approval including notes relating to the superscript references in the above table, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1441a to LPS 1654: Issue 1

**Padlocks**

| Product Name              | Type                          | Security Rating | LPCB Ref. No. |
|---------------------------|-------------------------------|-----------------|---------------|
| ISEO-Locken P3SA160504M   | Padlock with retained shackle | 2               | 1441a/01      |
| ISEO-Locken P3SA160504MEX | Padlock with retained shackle | 2               | 1441a/02      |
| ISEO-Locken P3SA180274M   | Padlock with retained shackle | 3               | 1441a/03      |
| ISEO-Locken P3SA180274MEX | Padlock with retained shackle | 3               | 1441a/04      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)

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Certificate No: 1452a to LPS 1654: Issue 1

**Padlocks**

| Product Name | Type                                       | Security Rating | LPCB Ref. No. |
|--------------|--|-----------------|---------------|
| P6062        | Padlock with retained shackle              | 2               | 1452a/01      |
| P8065        | Padlock with retained or removable shackle | 3               | 1452a/02      |
| P8093        | Padlock with retained or removable shackle | 3               | 1452a/03      |

A copy of the certificate, confirming the full scope of approval, may be viewed online by clicking on the product name in the associated entry on [www.RedBookLive.com](http://www.RedBookLive.com)