

Certificate of Product Approval

Certificate Number: 1328b

Issue: 01

Pro-TECT GRP Enclosures Limited

Clarion House
Clarion Close
Swansea Enterprise Park
Swansea
SA6 8QZ



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

Products

Defender

hinged security doorsets

Standard

LPS 1175: Issue 7

Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers

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Signed for LPCB

Paul Dillon
Verifier

27 July 2018
Date of Issue

27 July 2018
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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 ¹	1328b/01
	Single leaf outward opening padlockable GRP doorset	0.80	2.65	0.6	1.7		
	Double leaf outward opening GRP doorset	0.65	2.20	0.8	2.5		
	Double leaf outward opening padlockable GRP doorset	0.80	2.65	1.0	2.7		

Approved Locking Configurations

Product Name	Type	Compatible Locking Systems / Padlocks ²	
		Active Leaf	Passive Leaf
Defender	Single leaf outward opening GRP doorset	1	N/A
	Single leaf outward opening GRP padlockable doorset	a, b	N/A
	Double leaf outward opening GRP doorset	1	Two sprung tower bolts
	Double leaf outward opening GRP padlockable doorset	a, b	Two sprung tower bolts

Compatible Locking Systems

Locking System	Manufacturer	Model	Type	Compatible Operating Devices		Compatible External Cylinders
				External Face	Internal Face	
1	Tindall Engineering Limited	Mico Elite AD3 / USCH3	Single-point locking system with automatic deadlock	Key and lever handle	Lever handle deadlocked by key or thumbturn	A to BC

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Compatible Cylinders

Cylinder Reference	Manufacturer	Model	Type
A	Abloy	Protec CY201-PT	Scandinavian Oval
B	Abloy	Protec2 CY201-TT	Scandinavian Oval
C	Abloy	Protec Cliq / Cliq Remote CY201-PT-CLIQ	Scandinavian Oval (Mechatronic) ⁵
D	Abloy	Protec2 Cliq / Cliq Remote CY201-TT-CLIQ	Scandinavian Oval (Mechatronic) ⁵
E	Abloy	Disklock Pro CY201-DP	Scandinavian Oval
F	Abloy	Novel CY201-VL	Scandinavian Oval
G	Access2	Tigris Omega	Scandinavian Oval
H	Access2	Tigris Plus	Scandinavian Oval
I	Access2	Tigris Premier	Scandinavian Oval
J	Access2	Tigris Premier2	Scandinavian Oval
K	Access2	Tigris Premier3	Scandinavian Oval
L	ASSA	4401dp	Scandinavian Oval
M	ASSA	4401 Cliq / Cliq Remote	Scandinavian Oval (Mechatronic) ⁵
N	ASSA	4407dp	Scandinavian Oval
O	ASSA	4407 Cliq / Cliq Remote	Scandinavian Oval (Mechatronic) ⁵
P	ASSA	4801	Scandinavian Oval
Q	ASSA	4807	Scandinavian Oval
R	ASSA	C5801	Scandinavian Oval
S	ASSA	C5807	Scandinavian Oval
T	ASSA	Twin 7601	Scandinavian Oval
U	ASSA	Twin 7607	Scandinavian Oval
V	iLOQ	C10S.1	Scandinavian Oval (Mechatronic) ⁵
W	ISEO	F6 extra	Scandinavian Oval
X	ISEO	R11	Scandinavian Oval
Y	ISEO	R50	Scandinavian Oval
Z	Kaba	experT	Scandinavian Oval
AA	Kaba	Gege RAM	Scandinavian Oval

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Cylinder Reference	Manufacturer	Model	Type
AB	Kaba	Gege pExtra	Scandinavian Oval
AC	Kaba	K20	Scandinavian Oval
AD	Kaba	Quattro PluS	Scandinavian Oval
AE	KESO	4000S	Scandinavian Oval
AF	Locken	CL-PL2WR	Scandinavian Oval (Mechatronic) ⁵
AG	Medeco	M3-ARX	Scandinavian Oval
AH	Abloy	Protec CY403-PT	Rim
AI	Abloy	Protec CY405-PT	Rim
AJ	Abloy	Protec2 CY403-TT	Rim
AK	Abloy	Protec2 CY405-TT	Rim
AL	Abloy	Protec Cliq / Cliq Remote CY403-PT-CLIQ	Rim (Mechatronic) ⁵
AM	Abloy	Protec2 Cliq / Cliq Remote CY403-TT-CLIQ	Rim (Mechatronic) ⁵
AN	Abloy	Disclock Pro CY403-DP	Rim
AO	Abloy	Disclock Pro CY405-DP	Rim
AP	Abloy	Novel CY403-VL	Rim
AQ	Abloy	Novel CY405-VL	Rim
AR	ASSA	4857	Rim
AS	ASSA	C5857	Rim
AT	ASSA	Twin-Combi C5851	Rim
AU	Bramah	C17	Rim
AV	ISEO	F6 extra	Rim
AW	ISEO	R11	Rim
AX	ISEO	R50	Rim
AY	Kaba	K20	Rim
AZ	Kaba	Quattro PluS	Rim
BA	KESO	4000S	Rim
BB	Medeco	M3-ARX	Rim
BC	Yale	X5	Rim

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Compatible Padlocks for GRP Padlockable Doorsets^{3,4}

Compatible Padlock	Manufacturer	Model	Cylinder
a	Squire	SS65CS LEV3	Squire 6-pin
b	Abloy	PL350/25	Disklock Pro
			High Profile
			Novel
			Protec
			Protec2
			Sentry

Notes

1. A Security Rating 1 classification prevails when the doorsets are placed in the minimum locked condition. This condition occurs when only one tower bolt on the passive leaf of double leaf doorsets is engaged.
2. Two padlocks are used to secure padlockable doorsets over 2.2 m high. Every padlock point on the padlockable doorset must be fitted with a padlock in order to achieve a Security Rating classification. Certification does not cover the use of padlocks other than those listed above. Utilisation of unlisted padlocks on the GRP doorsets may affect the level of security offered by the doorsets.
3. Certification does not cover the use of locks/padlocks other than those listed. Utilisation of unlisted locks may affect the level of security afforded by the doorset.
4. The Abloy padlocks are only compatible when bearing an alpha-numeric code denoting the date of manufacture as December 2013 or later, or when incorporating the 'V01' modifications.
5. The resistance of mechatronic cylinders to 'non-mechanical' attack has not been assessed as it is outside the scope of LPS 1175. Likewise, the approval does not cover possible effects of any susceptibilities relating to the functionality and performance of ancillary equipment that may be used in conjunction with such hardware. It is therefore recommended that specifiers and installers satisfy themselves that the components used are either resistant to electronic methods of attack, or that they are suitably protected from such tampering/abuse and are resistant to any environmental conditions/interference that may cause the locking system to disengage.
6. The doorsets are approved for installation into brickwork, blockwork, reinforced concrete and structural steelwork in accordance with the instructions contained on the documents titled 'X600 Level 6 – Stand alone door parameters' for padlockable doorsets and 'ME3 100 Level 3 – Stand alone door parameters' for doorsets incorporating surface-mounted locking systems.

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