

Certificate of Product Approval

Certificate Number: 234d Part 1

Issue: 05

Sunray Engineering Limited

Kingsnorth Industrial Estate
Wotton Road
Ashford
Kent
TN23 6LL

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:

Product

ExecDoor 1
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

This certificate and appendix is maintained and held in force through regular surveillance activities



Signed for BRE Global Ltd.

Paul Dillon
Verifier

29 January 2021
Date of Issue

8 January 2013
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 E: enquiries@breglobal.com

LPCB is a Registered Trademark of the Building Research Establishment Ltd.



Appendix to Certificate No: 234d Part 1 Sunray Engineering Limited

Issue: 05

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 ¹	1.8	2.44	1.1	2.8		
	Single leaf outward opening hinged security doorset incorporating overpanels ²	2.29	3.44	0.6	1.44		
	Double leaf outward opening hinged security doorset incorporating overpanels ^{1,2}	2.29	3.44	1.1	2.8		

Approved Locking Configurations

Product Name	Type	Compatible Locking Systems	
		Active Leaf	Passive Leaf
ExecDoor 1	Single leaf outward opening hinged security doorset	1 to 9	N/A
	Double leaf outward opening hinged security doorset	1 to 5, 8 or 9	2 ³ , 3 ³ , 10 or 11
	Single leaf outward opening hinged security doorset incorporating over panels	1, 4 to 9	N/A
	Double leaf outward opening hinged security doorset incorporating over panels	1, 4, 5, 8 or 9	10

Compatible Locking Systems

Compatible Locking Systems	Manufacturer	Model	Type	Compatible Operating Devices		Compatible External Cylinders
				External Face	Internal Face	
1	Exidor	301	Mortice latch panic bar actuator ⁴	Key and 'D' pull handle (no lever handle fitted)	Panic bar	C
	Zero	7250	Mortice night latch			
	idc	200	External europrofile cylinder escutcheon			
2	Exidor	294	Two-point panic exit locking system ⁴	None	Panic bar	N/A

This certificate and appendix is maintained and held in force through regular surveillance activities

P. Dillon

Signed for BRE Global Ltd.

Paul Dillon
Verifier

29 January 2021
Date of Issue

8 January 2013
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 E: enquiries@breglobal.com

LPCB is a Registered Trademark of the Building Research Establishment Ltd.



bre

Appendix to Certificate No: 234d Part 1 Sunray Engineering Limited

Issue: 05

Compatible Locking Systems	Manufacturer	Model	Type	Compatible Operating Devices		Compatible External Cylinders
				External Face	Internal Face	
3	idc	737	Two-point panic exit locking system ⁴	None	Panic bar	N/A
4	Nemef	1749/47	Single-point emergency exit mortice sash lock	Key and 'D' pull handle (no lever handle fitted)	Handle	A or B
	Nemef	1742/09	Slave mortice deadbolts (two off)			
	idc	200	External europrofile cylinder escutcheon			
5	Nemef	1749/09	Single-point mortice sash lock	Key and handle	Key/thumbturn and handle	A or B
	Nemef	1742/09	Slave mortice deadbolts (two off)			
	idc	200	External europrofile cylinder escutcheon			
6	Nemef	1749/47	Single-point emergency exit mortice sash lock	Key and 'D' pull handle	Handle	A or B
	idc	200	External europrofile cylinder escutcheon			
7	Nemef	1749/09	Single-point mortice sash lock	Key and handle	Key/thumbturn and handle	A or B
	idc	200	External europrofile cylinder escutcheon			
8	Zero	7210	Single-point mortice sash lock	Key and handle	Key/thumbturn and handle	A or B
	idc	200	External europrofile cylinder escutcheon			
9	Zero	7230	Single-point mortice dead lock	Key and 'D' pull handle	Key/thumbturn	A or B
	idc	200	External europrofile cylinder escutcheon			
10	idc	60MT	Monkey tail bolt	None	Bolt lever	N/A
11	Mazak	Z001.1S	Flush bolt	None	Bolt lever	N/A

This certificate and appendix is maintained and held in force through regular surveillance activities

P. Dillon

Signed for BRE Global Ltd.

Paul Dillon
Verifier

29 January 2021
Date of Issue

8 January 2013
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 E: enquiries@breglobal.com

LPCB is a Registered Trademark of the Building Research Establishment Ltd.



bre

Appendix to Certificate No: 234d Part 1 Sunray Engineering Limited

Issue: 05

Compatible Cylinders

Cylinder Reference	Manufacturer	Model	Type	'Plus' Rating ⁵
A	CISA	Astral S 35/35	Europrofile double cylinder (key:thumbturn)	+
B	CISA	Astral S 35/35	Europrofile double cylinder (key:key)	+
C	CISA	Astral 45 mm	Europrofile single cylinder	+

Accessories

Accessory	Description	Compatible Locking Systems
Door viewer	Door viewer located in the top half of the leaf	1 to 11
D pull handle	D pull handle	1 to 11
Thresholds	Optional extruded aluminium 564A or CDT95 thresholds.	1 to 11

Notes:

- The ExecDoor 1 double leaf doorsets may incorporate leafs of equal or unequal width. Leafs of unequal width will comprise of an active leaf that is twice as wide as the passive leaf. The maximum leaf width is 1.35 m and the minimum leaf width is 0.5 m.
- The maximum overpanel height from the centre of the transom to the top of the frame is 1 m. The minimum overpanel height from the centre of the transom to the top of the frame is 0.49 m. The maximum and minimum heights of the doorset element, up to the centre of the transom, are the same as the approved doorsets that do not incorporate overpanels. The overpanel may be fixed, removable or hinged.
- This locking system may only be used on the passive leaf if locking systems 1, 2 or 3 are used on the active leaf.
- Locking systems 1, 2 or 3 may not comply with emergency escape regulations relating to potential panic situations if fitted to double leaf doorsets. This is because activation of the device on one leaf may not necessarily release the other leaf and in some cases may not release the leaf to which it is fitted.
- A 'Plus' rating demonstrates the cylinder meets the requirements defined in Annex A of BS 3621:2007 or manipulation resistance class '1' defined in LPS 1242: Issue 2.
- This approval covers the ExecDoor 1 doorsets with bolted or pre-fabricated frame options.

Also Available Through:

ATAJ Secure Limited
5th Floor
167-169 Great Portland Street
London
W1W 5PF
Tel: 0207 183 2763
Fax: 0207 183 3073
Email: Tom.Jenkins@atajsecure.com
www.atajsecure.com

This certificate and appendix is maintained and held in force through regular surveillance activities

P. Dillon

Signed for BRE Global Ltd.

Paul Dillon
Verifier

29 January 2021
Date of Issue

8 January 2013
Date of First Issue



This certificate and appendix remains the property of BRE Global Ltd. and is issued subject to terms and conditions (for details visit www.redbooklive.com/terms).

To check the validity of this certificate and appendix please visit www.redbooklive.com/check, scan the QR tag or contact us.

BRE Global Ltd, Watford, WD25 9XX
T: +44 (0)333 321 8811 E: enquiries@breglobal.com

LPCB is a Registered Trademark of the Building Research Establishment Ltd.



bre