

Certificate of Product Approval

Certificate Number: 1000k

Issue: 01

Burton Safes Limited

Units 20 – 28
Brockholes Business Park
Rock Mill Road
Brockholes
Holmfirth
HD9 7BN

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

Orthrus

modular security enclosure system

Standard

LPS 1175: Issue 8

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

8 April 2019
Date of Issue

8 April 2019
Date of First Issue



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Appendix to Certificate No: 1000k Burton Safes Limited

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Modular Security Enclosure System

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.
Orthrus	Five-sided secure enclosure ¹	2.057	4.155	0.81	Unlimited	0.5	Unlimited	F10 (SR6) G5	1000k/01

System Components

Component Type	Minimum Width (m)	Maximum Width (m)	Minimum Width (m)	Maximum Width (m)	Minimum Length (m)	Maximum Length (m)
Roof panels	-	-	0.15	0.295	1.95	3.95
	-	-	0.50	1.50	1.95	3.95
Single leaf outward opening doorset	1.81	3.95	0.51	1.95	-	-
Single leaf outward opening 'Emergency' doorset	1.068	1.068	0.51	0.51	-	-
Wall panels	1.95	3.95	0.15	0.295	-	-
	1.95	3.95	0.50	1.50	-	-

Compatible Locking Systems for use on the Doorsets²

Manufacturer	Model	Type ³	Orthrus - Security Rating	
			F10 (SR6)	G5
INSYS	Combilock Pro	Electronic combination	✓	-
INSYS	Elo Star Master	Electronic combination	✓	-
INSYS	TwinLock (Class B)	Electronic combination	✓	✓
INSYS	TwinLock (Class C)	Electronic combination	-	✓
Kaba AG	Paxos Advance	Electronic combination	✓	-
Kaba AG	Axessor IP	Electronic combination	✓	-
Kaba AG	Axessor USB	Electronic combination	✓	-
Kaba Mauer GmbH	Praetor B – 70079	Mechanical key	✓	-
Kaba Mauer GmbH	Variator B – 70076	Mechanical key	✓	-

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Manufacturer	Model	Type ³	Orthrus - Security Rating	
			F10 (SR6)	G5
La Gard	1947	Mechanical combination	✓	✓
La Gard	Comboguard 66E	Electronic combination	✓	-
M-Locks	EM3520	Electronic combination	✓	-
M-Locks	EM3550	Electronic combination	✓	-
Sargent and Greenleaf	6890	Mechanical key	✓	✓

Compatible Optional Design Features / Accessories⁴

Option	Description
Additional locks	Additional locks included on the single leaf doorsets with optional forced locking sequence
Alarm connections	Switch set connected to the boltwork, door contact fitted, plates for seismic detectors welded to interior of door and walling
Cable holes	26 mm diameter holes for cable access
Exterior steel cladding	Steel plates welded to the exterior of the panels
Lifting aids	Holes and eyebolts in wall/roof panels and doorsets for lifting during installation, to be plugged after installation
Low door threshold	Alternative threshold option for step free access
Optional base/floor	Floor of identical construction to the wall panels with optional steel plate/U-channel substructure to level the floor
Ventilation holes	40 mm diameter holes to allow ventilation

Notes:

1. The structural integrity of the enclosure is outside the scope of LPS 1175: Issue 8.
2. The approval does not cover the use of locks other than those listed. Utilisation of unlisted locks may affect the level of security offered by the product.
3. Unless otherwise stated, the approval only covers the deadbolt variant of the locks listed.
4. The approval does not cover the provision of any other design feature or accessory, except for those listed.
5. The approval covers the enclosures when installed onto concrete bases of equivalent resistance to attack, using the methods defined in the document titled 'Orthrus Modular Vaults Grades F10/G5 - Mounting instructions for welded rooms' (Issue 1).

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