

Certificate of Product Approval

Certificate Number: 1135a

Issue: 05

Hodgson Sayers Limited

Unit 15
Tanfield Lea (North) Industrial Estate
Tanfield Lea
Stanley
Co. Durham
DH9 9NX

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

Apeiron 2

Apeiron 3

Apeiron 4

Colossus

Epsilon 1

Epsilon 2

Epsilon 3

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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Paul Dillon
Verifier

08 May 2017
Date of Issue

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High 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 ¹	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		
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		
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		
	Double leaf outward opening security doorset	2.1	2.5	1.42	2.69 ²		
	Double leaf outward opening security doorset with overhead panels	2.4	4.4	1.42	2.4		
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		
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		
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		
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		

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Locking configurations³

Product Name	Type	Compatible Locking Devices	
		Active Leaf	Passive Leaf
Apeiron 2	Single leaf outward opening security doorset 'SADE' ⁴	8	N/A
	Double leaf outward opening security doorset 'DADE' ⁴	8	12
	Double leaf outward opening security doorset 'DMDE' ⁴	12	12
Apeiron 3	Single leaf outward opening security doorset 'SADE' ⁴	9	N/A
	Double leaf outward opening security doorset 'DADE' ⁴	9	12
	Double leaf outward opening security doorset 'DMDE' ⁴	12	12
Apeiron 4	Single leaf outward opening security doorset 'SADE' ⁴	10	N/A
	Double leaf outward opening security doorset 'DADE' ⁴	10	12
	Double leaf outward opening security doorset 'DMDE' ⁴	11 and 12	12
Colossus	Single leaf outward opening security doorset	1 to 7	N/A
	Single leaf outward opening security doorset with overhead panels	1 to 7	N/A
	Double leaf outward opening security doorset	1 to 7	Two sprung barrel bolts
	Double leaf outward opening security doorset with overhead panels	1 to 7	Two sprung barrel bolts
Epsilon 1	Single leaf outward opening security doorset with side and overhead panels	8	12
	Double leaf outward opening security doorset with side and overhead panels	8	N/A
Epsilon 2	Single leaf outward opening security doorset with side and overhead panels	8	12
	Double leaf outward opening security doorset with side and overhead panels	8	N/A
Epsilon 3	Single leaf outward opening security doorset with side and overhead panels	9	12
	Double leaf outward opening security doorset with side and overhead panels	9	N/A

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Hodgson Sayers Limited

Compatible Locking Systems

Compatible Locking Systems	Manufacturer	Model	Type	Compatible Operating Devices		Compatible Cylinders / Padlocks
				External Face	Internal Face	
1	Tindall Engineering Limited	Abryll AD3 / USCH2	Single point locking system with automatic deadlock	Key and lever handle	Thumbturn and lever handle	A to M, O to BB
2	Tindall Engineering Limited	Abryll MD3 / USCH2	Single point locking system with manual deadlock	Key and lever handle	Thumbturn and lever handle	A to M, O to BB
3	Tindall Engineering Limited	Abryll EM3 / USCH2	Single point locking system with automatic solenoid deadlock and electro-mechanical access control ⁵	External access control device or key override and lever handle	Internal access control device or thumb turn/key override and lever handle	A to M, O to BB
4	Hodgson Sayers Limited	N/A	Hasp and staple with integral shroud plus Yale 82 rim lock night latch ⁶	Padlock	None	a
5	Surelock McGill Limited	ST111-P	Single-point locking system	Key and lever handle	Key and lever handle	A to M, O, S, T, V
6	Surelock McGill Limited	ST113-P	Single-point locking system	Key and lever handle	Thumbturn and lever handle	A to M, O, S, T, V
7	Surelock McGill Limited	ST121-K2NPR	Single-point electro-mechanical access control ⁴ lock powered by 12 V fail secure solenoid with electric monitoring of lock status	Access control device and lever handle with key override	Access control device and lever handle with key override	A to M, O, S, T, V
8	Hodgson Sayers Limited	Rim lock	Single-point locking system incorporating a cylinder guard manufactured by Hodgson Sayers Limited	Key and cylinder guard	Rim latch	N
9	Hodgson Sayers Limited	Blade lock	Single-point locking system incorporating a cylinder guard manufactured by Hodgson Sayers Limited	Key and cylinder guard	Latch and turn knob	N
10	Hodgson Sayers Limited	Reinforced blade lock	Single-point locking system incorporating a cylinder guard supplied by Surelock McGill Limited	Key and GSS4 cylinder guard	Latch and turn knob	K, L, T, AD to AI, AK AM, AN, AU, AX, AY

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Compatible Locking Systems	Manufacturer	Model	Type	Compatible Operating Devices		Compatible Cylinders / Padlocks
				External Face	Internal Face	
11	Hodgson Sayers Limited	Door straps	Two door straps manufactured by Hodgson Sayers Limited	None	Two door straps	N/A
12	Albert Jagger Limited	Sprung tower bolts	Two sprung tower bolts	None	Tower bolts	N/A

Compatible Cylinders

Cylinder Reference	Manufacturer	Model	Type
A	Abloy	Disclock Pro CY403-DP	Rim
B	Abloy	Disclock Pro CY405-DP	Rim
C	Abloy	Novel CY403-VL	Rim
D	Abloy	Novel CY405-VL	Rim
E	Abloy	Protec Cliq / Cliq Remote CY403-PT-CLIQ ⁷	Rim (Mechatronic)
F	Abloy	Protec CY403-PT	Rim
G	Abloy	Protec CY405-PT	Rim
H	Abloy	Protec2 Cliq / Cliq Remote CY403-TT-CLIQ ⁷	Rim (Mechatronic)
I	Abloy	Protec2 CY403-TT	Rim
J	Abloy	Protec2 CY405-TT	Rim
K	ASSA	4857	Rim
L	ASSA	C5857	Rim
M	ASSA	Twin-Combi C5851	Rim
N	ASSA	Union J1x1 OF-PL-2K ⁸	Rim
O	Bramah	C17	Rim
P	ISEO	F6 extra	Rim
Q	ISEO	R11	Rim
R	ISEO	R50	Rim
S	Kaba	K20	Rim
T	Kaba	Quattro PluS	Rim
U	KESO	4000S	Rim

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Cylinder Reference	Manufacturer	Model	Type
V	Medeco	M3-ARX	Rim
W	Yale	X5	Rim
X	Abloy	Disklock Pro CY201-DP	Scandinavian Oval
Y	Abloy	Novel CY201-VL	Scandinavian Oval
Z	Abloy	Protec Cliq / Cliq Remote CY201-PT-CLIQ ⁷	Scandinavian Oval (Mechatronic)
AA	Abloy	Protec CY201-PT	Scandinavian Oval
AB	Abloy	Protec2 Cliq / Cliq Remote CY201-TT-CLIQ ⁷	Scandinavian Oval (Mechatronic)
AC	Abloy	Protec2 CY201-TT	Scandinavian Oval
AD	Access2	Tigris Omega	Scandinavian Oval
AE	Access2	Tigris Plus	Scandinavian Oval
AF	Access2	Tigris Premier Two	Scandinavian Oval
AG	ASSA	4801	Scandinavian Oval
AH	ASSA	4807	Scandinavian Oval
AI	ASSA	4401 Cliq / Cliq Remote ⁷	Scandinavian Oval (Mechatronic)
AJ	ASSA	4401dp	Scandinavian Oval
AK	ASSA	4407 Cliq / Cliq Remote ⁷	Scandinavian Oval (Mechatronic)
AL	ASSA	4407dp	Scandinavian Oval
AM	ASSA	C5801	Scandinavian Oval
AN	ASSA	C5807	Scandinavian Oval
AO	ASSA	Twin 7601	Scandinavian Oval
AP	ASSA	Twin 7607	Scandinavian Oval
AQ	iLOQ	C10S.1 ⁷	Scandinavian Oval (Mechatronic)
AR	ISEO	F6 extra	Scandinavian Oval
AS	ISEO	R11	Scandinavian Oval
AT	ISEO	R50	Scandinavian Oval
AU	Kaba	experT	Scandinavian Oval
AV	Kaba	Gege pExtra	Scandinavian Oval
AW	Kaba	Gege RAM	Scandinavian Oval
AX	Kaba	K20	Scandinavian Oval
AY	Kaba	Quattro PluS	Scandinavian Oval

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Cylinder Reference	Manufacturer	Model	Type
AZ	KESO	4000S	Scandinavian Oval
BA	Locken	CL-PL2WR ⁷	Scandinavian Oval (Mechatronic)
BB	Medeco	M3-ARX	Scandinavian Oval

Compatible Padlocks

Padlock Reference	Padlock		Cylinder	
	Manufacturer	Model	Manufacturer	Model
a	Squire	SS65S	Squire	6-pin

Compatible Accessories³

Accessory	Description	Product Name		
		Apeiron	Colossus	Epsilon
Louvre vents	Louvre vents located in the bottom section of each door leaf.	✓	✓	-
	Louvre vents located in the top and bottom sections of each door leaf.	✓	✓	-
Overhead panels	Louvred overhead panel ¹ .	-	✓	-
	Plain (i.e. solid) overhead panel.	-	✓	-
Cable conduits	Surface-mounted solenoid cable conduits ⁹ .	-	✓	-
Padlock shroud	Optional padlock shroud plus Squire SS65S 6-pin padlock.	-	-	✓

Notes:

1. A Security Rating 1 classification prevails when double leaf Colossus doorsets incorporating louvred overhead panels are placed in the minimum locked condition. A Security Rating 1 classification also prevails when the Apeiron and Epsilon doorsets are placed in the minimum locked condition.
2. The maximum width of double leaf doorsets fitted with locking systems 1, 2 and 3 is restricted to 2.4 m.
3. Certification does not cover the use of locks/accessories other than those listed in the table. Utilisation of unlisted locks/accessories may affect the level of security offered by the doorset.
4. SADE, DADE and DMDE are Hodgson Sayers Limited's internal codes for distinguishing the door configuration and whether it has any external hardware.
5. The resistance of the access control locks to "non-mechanical" attack is not covered by this approval as they are outside the scope of LPS 1175. Likewise, the approval does not cover possible effects of any susceptibilities relating to the functionality and performance of any access control equipment that may be used to operate these locking systems. This is because the scope of access control devices and system configurations that may be used with these locking systems is "infinite". It is therefore recommended that specifiers satisfy themselves that the components used are either resistant to mechanical and other forms of tampering/abuse, 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.

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6. The doorset will not achieve a security rating classification if only the Yale 82 rim lock night latch is used to secure the doorset. That is, the shrouded hasp must be closed and secured to the staple with the padlock listed in order to achieve a security rating classification.
7. The resistance of the mechatronic cylinders to "non-mechanical" attack is not covered by the approval as they are 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 those cylinders. It is therefore recommended that specifiers 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.
8. The Union J1x1 OF-PL-2K rim cylinder (compatible cylinder N) is available with five or six pins. The five pin version is only compatible for use with the Epsilon 1 doorsets.
9. Used when either the Abryll EM3 / USCH2 locking system (compatible locking system 3) or Surelock McGill ST121-K2NPR locking system (compatible locking system 7) are fitted to the doorset.
10. The Colossus doorsets are approved for installation into brick and concrete blockwork structures in accordance with the instructions contained in the document titled 'DPS1 - Door production and installation manual' (Issue 8). The Apeiron doorsets are approved for installation into structures in accordance with the instructions contained in the document titled '150X.HAA.101.Generic – XADE Fixing Guide' (Issue 1). The Epsilon doorsets are approved for installation into structures in accordance with the instructions contained in the document titled '1607.HAA.101.Generic Frame Fixing Guide' (Rec'd 11/04/17).

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