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Certificate of Product Approval

Certificate Number: 953d

Issue: 15

PRE

PSF Wales Limited

Llys Rhiannon Cil-Yr-Rchen Industrial Estate Llandeilo Road Llandybie Ammanford Carmarthenshire SA18 3GY

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

Hercules Lite SR2 Hercules Lite SR3 MK.II Hercules SAF 3 MK.II Hercules SAF 4 Taurus SAF 3 Taurus SAF 4 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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Hinged Security Doorsets

Product Name	Туре	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		
	Double leaf outward opening hinged security doorset ¹	0.6	2.75	1.2	2.5		
	Double leaf outward opening hinged security doorset with over panels ¹	1.1	4.25	1.2	2.5		
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		
	Double leaf outward opening hinged security doorset ¹	0.6	2.75	1.2	2.5		
	Double leaf outward opening hinged security doorset with over panels ¹	1.1	4.25	1.2	2.5		
Mk.II Hercules SAF 3	Single leaf outward opening hinged security doorset fitted with single point locking hardware	0.6 ²	3.15 ²	0.688	1.508	3	953d/02
	Single leaf outward opening hinged security doorset fitted with multi-point locking hardware	1.11 ²	3.15 ^{2,3}	0.688	1.508		
	Double leaf outward opening hinged security doorset fitted with single point locking hardware on the active leaf ¹	0.62	3.15 ^{2,3}	1.288	3.0		
	Double leaf outward opening hinged security doorset fitted with multi-point locking hardware on the active leaf ¹	1.11 ²	3.15 ^{2,3}	1.288	3.04		
Mk.II Hercules SAF 4	Single leaf outward opening hinged security doorset fitted with single point locking hardware	0.6 ²	3.15 ²	0.688	1.508	4	953d/03
	Single leaf outward opening hinged security doorset fitted with multi-point locking hardware	1.11 ²	3.15 ^{2,5}	0.688	1.508 ⁵		
	Double leaf outward opening hinged security doorset fitted with single point locking hardware on the active leaf ¹	0.62	3.15 ²	1.288	3.0		
	Double leaf outward opening hinged security doorset fitted with multi-point locking hardware on the active leaf ¹	1.112	3.15 ^{2,6}	1.288	3.06		

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Product Name	Туре	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 3	Single leaf outward opening padlockable hinged security doorset	0.6 ²	2.92 ²	0.688	1.508	3	953d/04
	Double leaf outward opening padlockable hinged security doorset	0.6 ²	2.92 ²	1.288	2.858		
Taurus SAF 4	Single leaf outward opening padlockable hinged security doorset	0.6 ²	2.92 ²	0.688	1.508	4	953d/05
	Double leaf outward opening padlockable hinged security doorset	0.6 ²	2.92 ²	1.288	2.85 ⁸		

Approved Locking Configurations

LPCB Ref.	Doorset	Туре	Compatible Locking Systems			
No.			Active Leaf	Passive Lea		
953d/02	Mk.II Hercules SAF 3	Single leaf outward opening hinged steel doorset fitted with single point locking hardware	1, 3, 5, 8, 10, 12, 13, 14, 25, 26, 27, 28, 29, 48, 49, 50, 51 and 52	N/A		
		Single leaf outward opening hinged steel doorset fitted with multi-point locking hardware	20, 22, 24, 30, 31, 32, 33, 34, 35, 36, 37, 53, 54, 55, 56 and 57			
		Double leaf outward opening hinged steel doorset fitted with single point locking hardware on the active leaf	1, 3, 5, 8, 10, 12, 13, 14, 25, 26, 27, 28, 29, 48, 49, 50, 51 and 52	43		
		Double leaf outward opening hinged steel doorset fitted with multi-point locking hardware on the active leaf	20, 22, 24, 30, 31, 32, 33, 34, 35, 36, 37, 53, 54, 55, 56 and 57			
953d/03 Mk.II Hercules SAF 4	Single leaf outward opening hinged steel doorset fitted with single point locking hardware	2, 4, 6, 9, 15, 16, 17, 18, 25, 26, 27, 28, 29, 38, 58, 59, 60, 61 and 62	N/A			
		Single leaf outward opening hinged steel doorset fitted with multi-point locking hardware	19, 21, 23, 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 63, 64, 65, 66, 67 and 68			
		Double leaf outward opening hinged steel doorset fitted with single point locking hardware on the active leaf	2, 4, 6, 9, 15, 16, 17, 18, 25, 26, 27, 28, 29, 38, 58, 59, 60, 61 and 62	43		
		Double leaf outward opening hinged steel doorset fitted with multi-point locking hardware on the active leaf	19, 21, 23, 30, 31, 32, 33, 34, 35, 36, 37, 39, 40, 63, 64, 65, 66, 67 and 68			
953d/04	Taurus SAF 3	Single leaf outward opening padlockable hinged security doorset	41	N/A		
		Double leaf outward opening padlockable hinged security doorset	41	43		
953d/05	Taurus SAF 4	Single leaf outward opening padlockable hinged security doorset	42	N/A		
		Double leaf outward opening padlockable hinged security doorset	42	43		

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LPCB Ref.	Doorset	Туре	Compatible Locking Systems			
No.			Active Leaf	Passive Leaf		
953d/06 Hercules Lite SR2		Single leaf outward opening hinged security doorset.	44, 45, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 91, 92, 93, 94, 95, 96, 97, 98, 99 and 100	N/A		
		Double leaf outward opening hinged security doorset.	45, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 91, 92, 93, 94, 95, 96, 97, 98, 99 and 100	43		
953d/07 Hercules Lite SR3		Single leaf outward opening hinged security doorset.	46, 47, 71, 72, 73, 83, 84, 85, 86, 87, 88, 89, 90, 92, 93, 94, 95, 96, 97, 101, 102 and 103	N/A		
		Double leaf outward opening hinged security doorset.	46, 47, 71, 72, 73, 83, 84, 85, 86, 87, 88, 89, 90, 92, 93, 94, 95, 96, 97, 101, 102 and 103	43		

Compatible Locking Systems

Compatible Locking	Manufacturer	Model	Туре	Compatible Opera	ting Devices	Compatible External	
Systems				External Face	Internal Face	Cylinders / Padlocks	
1	Tindall Engineering Limited	Abryll AD1 SATE / USCH3	Single-point auto-deadlocking auto- bolting emergency exit system with external cylinder access	Key and lever handle	Push pad	A to AB, AD to BD	
2	Tindall Engineering Limited	Abryll AD1 SATE / USCH4	Single-point auto-deadlocking auto- bolting emergency exit system with external cylinder access	Key and lever handle	Push pad	A, B, D to AB, AH, AJ to AL, AN to BD	
3	Tindall Engineering Limited	Abryll AD3 / USCH3	Single-point auto-deadlocking auto- bolting system with external cylinder access	Key and lever handle	Key or thumbturn and lever handle	A to AB, AD to BD	
4	Tindall Engineering Limited	Abryll AD3 / USCH4	Single-point auto-deadlocking auto- bolting system with external cylinder access	Key and lever handle	Key or thumbturn and lever handle	A, B, D to AB, AH, AJ to AL, AN to BD	
5	Tindall Engineering Limited	Abryll AD3 SATE / USCH3	Single-point auto-deadlocking auto- bolting emergency exit system with external cylinder access	Key and lever handle	Lever handle	A to AB, AD to BD	
6	Tindall Engineering Limited	Abryll AD3 SATE / USCH4	Single-point auto-bolting emergency exit system with external cylinder access	Key and lever handle	Lever handle	A, B, D to AB, AH, AJ to AL, AN to BD	

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Compatible Locking	Manufacturer	Model	Туре	Compatible Operatine	g Devices	Compatible External Cylinders / Padlocks	
Systems				External Face	Internal Face		
7	Tindall Engineering Limited	Abryll EM3 / USCH2	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and lever handle	A to AB, AD to BD	
8	Tindall Engineering Limited	Abryll EM3 / USCH3	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and lever handle	A to AB, AD to BD	
9	Tindall Engineering Limited	Abryll EM3 / USCH4	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and lever handle	A, B, D to AB, AH, AJ to AL, AN to BD	
10	Tindall Engineering Limited	Abryll PE 1/ hasp and staple SR3	Single-point emergency exit device with padlockable entry	Mico SR3 hasp and staple with padlock	Push pad	a, b, c, f and g	
11	Tindall Engineering Limited	Abryll PE 2/ hasp and staple SR3	Single-point panic exit device with padlockable entry	Mico SR3 hasp and staple with padlock	Panic bar	a, b, c, f and g	
12	Tindall Engineering Limited	Abryll PE 3/ hasp and staple SR3	Single-point emergency exit device with padlockable entry	Mico SR3 hasp and staple with padlock	Lever handle	a, b, c, f and g	
13	Tindall Engineering Limited	Abryll ADX / USCH3	Single-point auto-deadlocking auto- bolting system with external cylinder access	Key and lever handle	None	A to AB, AD to BD	
14	Tindall Engineering Limited	Abryll MDX / USCH3	Single-point manual-deadlocking auto-bolting system with external cylinder access	Key and lever handle	None	A to AB, AD to BD	
15	Tindall Engineering Limited	Abryll ADX / USCH4	Single-point auto-deadlocking auto- bolting system with external cylinder access	Key and lever handle	None	A, B, D to AB, AH, AJ to AL, AN to BD	
16	Tindall Engineering Limited	Abryll MDX / USCH4	Single-point manual-deadlocking auto-bolting system with external cylinder access	Key and lever handle	None	A, B, D to AB, AH, AJ to AL, AN to BD	

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Locking Systems

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McGill Limited

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PB111-00-P*9

Model Compatible Operating Devices Type Padlocks Tindall Abryll PE1 Single-point emergency exit device Shrouded Push pad a, c, d and e Engineering with PSF with padlockable entry padlockable handle Limited/PSF shrouded Wales Limited external padlockable handle Tindall Abryll PE 3 Lever handle Single-point emergency exit device Shrouded a, c, d and e with PSF padlockable handle with padlockable entry Engineering Limited/PSE shrouded Wales Limited external padlockable handle Mico 942 L Tindall Two-point emergency exit device Shrouded Lever handle a, c, d and e with PSF Engineering with padlockable entry padlockable handle Limited/PSF shrouded Wales Limited external padlockable handle A to AB, AD Tindall Mico 942L Two-point auto-deadlocking auto-Key and lever Thumbturn and handle Engineering INT AD / bolting system with external cylinder lever handle to BD Limited USCH3 access Mico 942L Tindall Two-point auto-deadlocking auto-Key and lever Thumbturn and A, B, D to Engineering INT AD / bolting system with external cylinder handle lever handle AB, AH, AJ to Limited USCH4 AL, AN to BD access Mico 942L Key and lever A to AB, AD Tindall Two-point auto-deadlocking auto-Lever handle SATE AD / Engineering bolting emergency exit system with handle to BD USCH3 Limited external cylinder access Tindall Mico 942L Two-point auto-bolting emergency Key and lever Lever handle A, B, D to Engineering SATE AD / exit system with external cylinder handle AB, AH, AJ to USCH4 AL, AN to BD Limited access Mico 942P A to AB, AD Tindall Two-point auto-deadlocking auto-Key and lever Push pad SATE AD / handle to BD Engineering bolting emergency exit system with USCH3 Limited external cylinder access Surelock Purbrook Single-point surface-mounted lock, Key and lever Key and lever U, V, X, Y, Z,

handle

handle

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auto-bolting, auto-deadlocking

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AC, AD, AE, AF, AG, AH, Al¹², AJ, AK, AL and AX

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Compatible Locking	Manufacturer	Model	Туре	Compatible Operatin	g Devices	Compatible External
Systems				External Face	Internal Face	Cylinders / Padlocks
26	Surelock McGill Limited	Purbrook PB113-00- P* ^{9,10}	Single-point surface-mounted lock, auto-bolting, auto-deadlocking	Key and lever handle	Thumbturn and lever handle	U, V, X, Y, Z, AC, AD, AE, AF, AG, AH, AI ¹² , AJ, AK, AL and AX
27	Surelock McGill Limited	Purbrook PB115-00-P* ⁹	Single-point surface-mounted emergency exit lock, auto-bolting, auto-deadlocking	Key and lever handle	Lever handle	U, V, X, Y, Z, AC, AD, AE, AF, AG, AH, AI ¹² , AJ, AK, AL and AX
28	Surelock McGill Limited	Purbrook PB121-00- K13P* ⁹	Single-point surface-mounted electro-mechanical electric release lock powered by 12V, 24V or 50V solenoid, auto-bolting, auto-deadlocking ^{7,8}	Electric release and lever handle with key override	Electric release and lever handle with internal key override	U, V, X, Y, Z, AC, AD, AE, AF, AG, AH, AI ¹² , AJ, AK, AL and AX
29	Surelock McGill Limited	Purbrook PB123-00- K13P ^{*9,10}	Single-point surface-mounted electro-mechanical electric release lock powered by 12V, 24V or 50V solenoid, auto-bolting, auto-deadlocking ^{7,8}	Electric release and lever handle with key override	Electric release and lever handle with thumbturn override	U, V, X, Y, Z, AC, AD, AE, AF, AG, AH, AI ¹² , AJ, AK, AL and AX
30	Surelock McGill Limited	Slimline SL313-00- P* ^{9,10}	Three-point surface-mounted locking system, auto-bolting, auto-deadlocking	Key and lever handle	Thumbturn and lever handle	U, V, X, Y, Z, AC, AD, AE, AF, AG, AH, AI ¹² , AJ, AK, AL and AX
31	Surelock McGill Limited	Slimline SL313-00- KOP* ⁹	Three-point surface-mounted locking system, auto-bolting, manual-deadlocking	Key and lever handle	Thumbturn and lever handle	U, V, X, Y, Z, AC, AD, AE, AF, AG, AH, AI ¹² , AJ, AK, AL and AX
32	Surelock McGill Limited	Slimline SL315-00P* ⁹	Three-point surface-mounted emergency exit locking system, auto-bolting, auto-deadlocking	Key and lever handle	Lever handle	U, V, X, Y, Z, AC, AD, AE, AF, AG, AH, AI ¹² , AJ, AK, AL and AX
33	Surelock McGill Limited	Slimline SL315-00- K0P* ⁹	Three-point surface-mounted emergency exit locking system, auto-bolting, manual-deadlocking	Key and lever handle	Lever handle	U, V, X, Y, Z, AC, AD, AE, AF, AG, AH, Al ¹² , AJ, AK, AL and AX

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Compatible Locking	Manufacturer	Model	Туре	Compatible Operating	g Devices	Compatible External
Systems				External Face	Internal Face	Cylinders / Padlocks
34	Surelock McGill Limited	Slimline SL316-00-P* ⁹	Three-point surface-mounted emergency exit locking system, auto-bolting, auto-deadlocking	Key and lever handle	Push pad	U, V, X, Y, Z, AC, AD, AE, AF, AG, AH, Al ¹² , AJ, AK, AL and AX
35	Surelock McGill Limited	Slimline SL316-00- KOP* ⁹	Three-point surface-mounted emergency exit locking system, auto-bolting, manual-deadlocking	Key and lever handle	Push pad	U, V, X, Y, Z, AC, AD, AE, AF, AG, AH, Al ¹² , AJ, AK, AL and AX
36	Surelock McGill Limited	Slimline SL321-00- K2P* ^{9,11}	Three-point surface-mounted electro-mechanical electric release lock powered by 12V, 24V or 50V solenoid, auto-bolting, auto-deadlocking ^{7,8}	Electric release and lever handle with key override	Electric release and lever handle with internal key override	U, V, X, Y, Z, AC, AD, AE, AF, AG, AH, Al ¹² , AJ, AK, AL and AX
37	Surelock McGill Limited	Slimline SL323-00- K2P* ^{9,10,11}	Three-point surface-mounted electro-mechanical electric release lock powered by 12V, 24V or 50V solenoid, auto-bolting, auto-deadlocking ^{7,8}	Electric release and lever handle with key override	Electric release and lever handle with thumbturn override	U, V, X, Y, Z, AC, AD, AE, AF, AG, AH, Al ¹² , AJ, AK, AL and AX
38	Surelock McGill Limited/PSF Wales Limited	Purbrook PB115 with PSF shrouded external padlockable handle	Single-point emergency exit device with padlockable entry	Shrouded padlockable handle	Lever handle	a, c, d and e
39	Surelock McGill Limited/PSF Wales Limited	SL305 with PSF shrouded external padlockable handle	Three-point emergency exit device with padlockable entry	Shrouded padlockable handle	Lever handle	a, c, d and e
40	Surelock McGill Limited/PSF Wales Limited	SL306 with PSF shrouded external padlockable handle	Three-point emergency exit device with padlockable entry	Shrouded padlockable handle	Push pad	a, c, d and e

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Compatible Locking	Manufacturer	Model	Туре	Compatible Operatin	g Devices	Compatible External	
Systems				External Face	Internal Face	Cylinders / Padlocks	
41	PSF Wales/ Tindall Engineering Limited	PSF Taurus locking system with external Mico SR3 hasp and staple	Three-point surface mounted locking system with padlockable entry	Mico SR3 hasp and staple	None	a, b, c, f and g	
42	PSF Wales Limited	PSF Taurus locking system with PSF shrouded external padlockable handle	Three-point surface mounted locking system with padlockable entry	Shrouded padlockable handle	None	a, c, d and e	
43	Commercial Body Fittings Limited	-	Two sprung tower bolts	None	Two sprung tower bolts	-	
44	Tindall Engineering Limited	Mico Rimlock AD / RSCH2	Rimlock with automatic deadlock	Кеу	Thumbturn	G	
45	Tindall Engineering Limited	Mico Elite AD3 / USCH2	Single point locking with automatic deadlock	Key and lever handle	Key or thumbturn and lever handle	A to AB, AD to BD	
46	Tindall Engineering Limited	Mico Elite AD3 / USCH3	Single point locking with automatic deadlock	Key and lever handle	Key or thumbturn and lever handle	A to AB, AD to BD	
47	Tindall Engineering Limited	Mico Elite AD3 SATE / USCH3	Single point locking with automatic deadlock	Key and lever handle	Lever handle	A to AB, AD to BD	
48	Tindall Engineering Limited	Abryll AD1 / USCH3	Single-point auto-deadlocking auto- bolting system with external cylinder access	Key and lever handle	Key or thumbturn and push pad	A to AB, AD to BD	
49	Tindall Engineering Limited	Abryll EM1 / USCH3	Single point emergency exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and push pad	A to AB, AD to BD	

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Compatible Locking	Manufacturer	Model	Туре	Compatible Operatin	Compatible External	
Systems				External Face	Internal Face	Cylinders / Padlocks
50	Tindall Engineering Limited	Abryll EM1 SATE / USCH3	Single point emergency exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Push pad	A to AB, AD to BD
51	Tindall Engineering Limited	Abryll EM3 SATE / USCH3	Single point emergency exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Lever handle	A to AB, AD to BD
52	Tindall Engineering Limited	Abryll EMX / USCH3	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	None	A to AB, AD to BD
53	Tindall Engineering Limited	Mico 942P INT AD / USCH3	Two-point auto-deadlocking auto- bolting system with external cylinder access	Key and lever handle	Thumbturn and push pad	A to AB, AD to BD
54	Tindall Engineering Limited	Mico 942L EM / USCH3	Two-point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and lever handle	A to AB, AD to BD
55	Tindall Engineering Limited	Mico 942P EM / USCH3	Two-point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7.8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and push pad	A to AB, AD to BD
56	Tindall Engineering Limited	Mico 942L EM SATE / USCH3	Two-point emergency exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Lever handle	A to AB, AD to BD
57	Tindall Engineering Limited	Mico 942P EM SATE / USCH3	Two-point emergency locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Push pad	A to AB, AD to BD

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Compatible Locking	Manufacturer	Model	Туре	Compatible Operatin	Compatible Operating Devices		
Systems				External Face	Internal Face	External Cylinders / Padlocks	
58	Tindall Engineering Limited	Abryll AD1 / USCH4	Single-point auto-deadlocking auto- bolting system with external cylinder access	Key and lever handle	Key or thumbturn and push pad	A, B, D to AB, AH, AJ to AL, AN to BD	
59	Tindall Engineering Limited	Abryll EM1 / USCH4	Single point lemergency exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and push pad	A, B, D to AB, AH, AJ to AL, AN to BD	
60	Tindall Engineering Limited	Abryll EM1 SATE / USCH4	Single point lemergency exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Push pad	A, B, D to AB, AH, AJ to AL, AN to BD	
61	Tindall Engineering Limited	Abryll EM3 SATE / USCH4	Single point lemergency exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Lever handle	A, B, D to AB, AH, AJ to AL, AN to BD	
62	Tindall Engineering Limited	Abryll EMX / USCH4	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	None	A, B, D to AB, AH, AJ to AL, AN to BD	
63	Tindall Engineering Limited	Mico 942P INT AD / USCH4	Two-point auto-deadlocking auto- bolting system with external cylinder access	Key and lever handle	Key or thumbturn and push pad	A, B, D to AB, AH, AJ to AL, AN to BD	
64	Tindall Engineering Limited	Mico 942P SATE AD / USCH4	Two-point emergency exit auto- deadlocking auto-bolting system with external cylinder access	Key and lever handle	Push pad	A, B, D to AB, AH, AJ to AL, AN to BD	
65	Tindall Engineering Limited	Mico 942L EM / USCH4	Two-point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and lever handle	A, B, D to AB, AH, AJ to AL, AN to BD	
66	Tindall Engineering Limited	Mico 942P EM / USCH4	Two-point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and push pad	A, B, D to AB, AH, AJ to AL, AN to BD	

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Compatible Locking	Manufacturer	Model	Туре	Compatible Operating	g Devices	Compatible External
Systems				External Face	Internal Face	Cylinders / Padlocks
67	Tindall Engineering Limited	Mico 942L EM SATE / USCH4	Two-point emergency exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Lever handle	A, B, D to AB, AH, AJ to AL, AN to BD
68	Tindall Engineering Limited	Mico 942P EM SATE / USCH4	Two-point emergency locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Push pad	A, B, D to AB, AH, AJ to AL, AN to BD
69	Tindall Engineering Limited	Mico Elite AD1 / USCH2	Single-point auto-deadlocking auto- bolting system with external cylinder access	Key and lever handle	Key or thumbturn and push pad	A to AB, AD to BD
70	Tindall Engineering Limited	Mico Elite AD2 / USCH2	Single-point auto-deadlocking auto- bolting system with external cylinder access	Key and lever handle	Key or thumbturn and panic bar	A to AB, AD to BD
71	Tindall Engineering Limited	Mico Elite PE1	Single-point emergency exit device	None	Push pad	-
72	Tindall Engineering Limited	Mico Elite PE2	Single-point panic exit device	None	Panic bar	-
73	Tindall Engineering Limited	Mico Elite PE3	Single-point emergency exit device	None	Lever handle	-
74	Tindall Engineering Limited	Mico Elite EM1 / USCH2	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and push pad	A to AB, AD to BD
75	Tindall Engineering Limited	Mico Elite EM2/ USCH2	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and panic bar	A to AB, AD to BD
76	Tindall Engineering Limited	Mico Elite EM3/ USCH2	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and lever handle	A to AB, AD to BD

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Compatible Locking	Manufacturer	ufacturer Model Type		Compatible Operating	g Devices	Compatible External	
Systems				External Face	Internal Face	Cylinders / Padlocks	
77	Tindall Engineering Limited	Mico Elite PE1/ hasp and staple SR2	Single-point emergency exit device with padlockable entry	Mico SR2 hasp and staple with padlock	Push pad	a, b, c, f and g	
78	Tindall Engineering Limited	Mico Elite PE2/ hasp and staple SR2	Single-point panic exit device with padlockable entry	Mico SR2 hasp and staple with padlock	Panic bar	a, b, c, f and g	
79	Tindall Engineering Limited	Mico Elite PE3/ hasp and staple SR2	Single-point emergency exit device with padlockable entry	Mico SR2 hasp and staple with padlock	Lever handle	a, b, c, f and g	
80	Briton	376	Two-point panic exit device	None	Panic bar	-	
81	Briton/Exidor	376/410	Two-point panic exit device with external cylinder access	Key and lever handle	Panic bar	BE to CV	
82	Briton	376 with Mico/ hasp and staple SR2	Two-point panic exit device with padlockable entry	Mico SR2 hasp and staple with padlock	Panic bar	a, b, c, f and g	
83	Tindall Engineering Limited	Mico Elite AD1 / USCH3	Single point locking with automatic deadlock	Key and lever handle	Key or thumbturn and push pad	A to AB, AD to BD	
84	Tindall Engineering Limited	Mico Elite AD2 / USCH3	Single point locking with automatic deadlock	Key and lever handle	Key or thumbturn and panic bar	A to AB, AD to BD	
85	Tindall Engineering Limited	Mico Elite EM1 / USCH3	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and push pad	A to AB, AD to BD	
86	Tindall Engineering Limited	Mico Elite EM2/ USCH3	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	tro-mechanical ess control vice with key erride and lever		
87	Tindall Engineering Limited	Mico Elite EM3/ USCH3	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Electro-mechanical access control device with thumb turn override and lever handle	A to AB, AD to BD	

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Systems				External Face	Internal Face	Cylinders / Padlocks	
88	Tindall Engineering Limited	Mico Elite PE1/ hasp and staple SR3	Single-point emergency exit device with padlockable entry	Mico SR3 hasp and staple with padlock	Push pad	a, b, c, f and g	
89	Tindall Engineering Limited	Mico Elite PE2/ hasp and staple SR3	Single-point panic exit device with padlockable entry	Mico SR3 hasp and staple with padlock	Panic bar	a, b, c, f and g	
90	Tindall Engineering Limited	Mico Elite PE3/ hasp and staple SR3	Single-point emergency exit device with padlockable entry	Mico SR3 hasp and staple with padlock	Lever handle	a, b, c, f and g	
91	Tindall Engineering Limited	Mico Rimlock MD / RSCH2	Rimlock with manual deadlock	Key	Thumbturn	G	
92	Tindall Engineering Limited	Mico Elite AD1	Single point locking with automatic deadlock	-	Key or thumbturn and push pad	-	
93	Tindall Engineering Limited	Mico Elite AD2	Single point locking with automatic deadlock	-	Key or thumbturn and panic bar	-	
94	Tindall Engineering Limited	Mico Elite AD3	Single point locking with automatic deadlock	-	Key or thumbturn and lever handle	-	
95	Tindall Engineering Limited	Mico Elite EM1	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	-	Electro-mechanical access control device with thumb turn override and push pad	-	
96	Tindall Engineering Limited	Mico Elite EM2	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	-	Electro-mechanical access control device with thumb turn override and panic bar	-	
97	Tindall Engineering Limited	Mico Elite EM3	Single point locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7.8}	-	Electro-mechanical access control device with thumb turn override and lever handle	-	

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Compatible Locking	Manufacturer	irer Model Type		Compatible Operatin	g Devices	Compatible External	
Systems				External Face	Internal Face	Cylinders / Padlocks	
98	Tindall Engineering Limited	Mico Elite EM1 SATE / USCH2	Single point lemergency exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Push pad	A to AB, AD to BD	
99	Tindall Engineering Limited	Mico Elite EM2 SATE / USCH2	Single point panic exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Panic bar	A to AB, AD to BD	
100	Tindall Engineering Limited	Mico Elite Abryll EM3 SATE / USCH2	Single point lemergency exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Lever handle	A to AB, AD to BD	
101	Tindall Engineering Limited	Mico Elite EM1 SATE / USCH3	Single point lemergency exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	Push pad	A to AB, AD to BD	
102	Tindall Engineering Limited	Mico Elite EM2 SATE / USCH3	Single point panic exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}	Electro-mechanical access control device with key override and lever handle	o-mechanical control with key de and lever		
103	Tindall Engineering Limited	Mico Elite Abryll EM3 SATE / USCH3	Single point lemergency exit locking system with automatic solenoid deadlock and electro-mechanical access control powered by 12 V ^{7,8}			A to AB, AD to BD	

Compatible Cylinders

Cylinder Reference	Manufacturer	Model	Туре
Cylinder Reference	manulacturer	Widdei	туре
A	Abloy	Protec CY201 PT	Scandinavian Oval
В	Abloy	Protec2 CY201-TT	Scandinavian Oval
С	Abloy	Disklock Pro CY201 DP	Scandinavian Oval
D	Abloy	Protec Cliq CY201 ¹³	Scandinavian Oval (mechatronic)
E	Abloy	Protec2 Cliq / Cliq Remote CY201-TT-CLIQ ¹³	Scandinavian Oval (mechatronic)
F	Access2	Tigris Omega	Scandinavian Oval

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Cylinder Reference	Manufacturer	Model	Туре
G	ASSA	4401dp	Scandinavian Oval
Н	ASSA	4401 Cliq ¹³	Scandinavian Oval (mechatronic)
	ASSA	4407dp	Scandinavian Oval
J	ASSA	4407 Cliq ¹³	Scandinavian Oval (mechatronic)
К	ASSA	4801	Scandinavian Oval
L	ASSA	4807	Scandinavian Oval
М	ASSA	C5801	Scandinavian Oval
N	ASSA	C5807	Scandinavian Oval
0	ASSA	Twin 7601	Scandinavian Oval
Р	ASSA	Twin 7607	Scandinavian Oval
Q	Kaba	K20	Scandinavian Oval
R	Kaba	Quattro PluS	Scandinavian Oval
S	Locken	CL-PL2WR ¹³	Scandinavian Oval (mechatronic)
Т	Medeco	M3-ARX	Scandinavian Oval
U	Abloy	Protec CY403-PT	Rim
V	Abloy	Protec2 CY403-TT	Rim
W	Abloy	Protec Cliq / Cliq Remote CY403-PT-CLIQ ¹³	Rim (mechatronic)
Х	Abloy	Protec2 Cliq / Cliq Remote CY403-TT-CLIQ ¹³	Rim (mechatronic)
Y	Abloy	Protec2 CY405-TT	Rim
Z	Kaba	Quattro Plus	Rim
AA	Medeco	M3-ARX	Rim
AB	Yale	X5	Rim
AC	Abloy	Protec2 Cliq / Cliq Remote CY405-TT-CLIQ ¹³	Rim (Mechatronic)
AD	Abloy	Disklock Pro CY403-DP	Rim
AE	Abloy	Disklock Pro CY405-DP	Rim
AF	Abloy	Novel CY403-VL	Rim
AG	Abloy	Novel CY405-VL	Rim
AH	ASSA	Twin-Combi C5851	Rim
AI	Bramah	C17	Rim
AJ	Kaba	K20	Rim
AK	ASSA	4857	Rim
AL	ASSA	C5857	Rim
AM	Abloy	Novel CY201-VL	Scandinavian Oval
AN	Access2	Tigris Plus	Scandinavian Oval
AO	Access2	Tigris Premier 2	Scandinavian Oval

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Cylinder Reference	Manufacturer	Model	Туре
AP	iloq	C10S.1 ¹³	Scandinavian Oval (Mechatronic)
AQ	ISEO	F6 extra	Scandinavian Oval
AR	ISEO	R11	Scandinavian Oval
AS	ISEO	R50	Scandinavian Oval
AT	Kaba	experT	Scandinavian Oval
AU	Kaba	Gege RAM	Scandinavian Oval
AV	Kaba	Gege pExtra	Scandinavian Oval
AW	KESO	4000S	Scandinavian Oval
AX	Abloy	Protec CY405-PT	Rim
AY	ISEO	F6 extra	Rim
AZ	ISEO	R11	Rim
BA	ISEO	R50	Rim
BB	KESO	40005	Rim
BC	Access2	Tigris Premier	Scandinavian Oval
BD	Access2	Tigris Premier 3	Scandinavian Oval
BE	Abloy	Protec CY303-PT	Europrofile single
BF	Abloy	Protec CY307-PT	Europrofile single
BG	Abloy	Protec CY317-PT	Europrofile single
BH	Abloy	Protec CY321-PT	Europrofile single
BI	Abloy	Protec CY326-PT	Europrofile single
BJ	Abloy	Protec CY331-PT	Europrofile single
BK	Abloy	Protec CY336-PT	Europrofile single
BL	Abloy	Protec2 CY321-TT	Europrofile single
BM	Abloy	Protec2 CY326-TT	Europrofile single
BN	Abloy	Protec2 CY331-TT	Europrofile single
BO	Abloy	Protec2 CY336-TT	Europrofile single
BP	Abloy	Protec Cliq / Cliq Remote CY303-PT-CLIQ ¹³	Europrofile single (Mechatronic)
BQ	Abloy	Protec Cliq / Cliq Remote CY331-PT-CLIQ ¹³	Europrofile single (Mechatronic)
BR	Abloy	Protec2 Cliq / Cliq Remote CY331-TT-CLIQ ¹³	Europrofile single (Mechatronic)
BS	Abloy	Disklock Pro CY303-DP	Europrofile single
BT	Abloy	Disklock Pro CY307-DP	Europrofile single
BU	Abloy	Disklock Pro CY317-DP	Europrofile single
BV	Abloy	Disklock Pro CY321-DP	Europrofile single
BW	Abloy	Disklock Pro CY326-DP	Europrofile single
BX	Abloy	Disklock Pro CY331-DP	Europrofile single

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Cylinder Reference Manufacturer Model Disklock Pro CY336-DP ΒY Abloy B7 Abloy Novel CY321-VL Novel CY326-VL CA Abloy СВ Abloy Novel CY331-VL Novel CY336-VL Abloy Access2 Tigris Omega CE

Europrofile single Europrofile single Europrofile single Access2 Tigris Plus Europrofile single CF Access2 **Tigris Premier** Europrofile single Access2 Tigris Premier2 Europrofile single СН Access2 Tigris Premier3 Europrofile single 4423 CI ASSA Europrofile single BJ ASSA 44M23 Cliq / Cliq Remote13 Europrofile single (Mechatronic) 4823 СК ASSA Europrofile single CL ASSA C5823 Europrofile single СM ASSA 7623 Europrofile single CN ISEO F6 extra Europrofile single R11 Europrofile single СР ISEO R50 Europrofile single CQ Kaba Europrofile single experT CR Kaba Gege RAM Europrofile single Kaba Gege pExtra Europrofile single CT Kaba Quattro PluS Europrofile single CU KESO 4000S Europrofile single CV Medeco M3-ARX Europrofile single

Type

Europrofile single

Europrofile single

Europrofile single

Compatible Padlocks¹⁴

Padlock Reference	Manufacturer	Model	Cylinder Mechanism	
а	Abloy	PL340/25 (V01)15	Abloy Disklock Pro	
			Abloy Exec	
			Abloy High Profile	
			Abloy Novel	
			Abloy Protec1	
			Abloy Protec2	
			Abloy Sentry	

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Padlock Reference	Manufacturer	Model	Cylinder Mechanism
b	Abloy	PL350/25 (V01) ¹⁵	Abloy Disklock Pro
			Abloy Exec
			Abloy High Profile
			Abloy Novel
			Abloy Protec1
			Abloy Protec2
			Abloy Sentry
С	Kaba	KP18	Kaba K20
d	Squire	SS50S	Squire 6 pin
е	Squire	SS50 M3ARX	Medico M3 ARX
f	Squire	SS65S LEV3	Squire 6 pin
g	Squire	SS65 M3ARX LEV3	Medico M3 ARX

Accessories

Accessory	Description			Compatible I	Doorsets		
		Hercules Lite SR2	Hercules Lite SR3	Mk.ll Hercules SAF 3	Mk.II Hercules SAF 4	Taurus SAF 3	Taurus SAF 4
'SR3 cat flap'	Service penetration with lockable ¹⁶ flaps of dimensions ranging between 0.2 m by 0.2 m and 0.4 m by 0.4 m.	√	~	~	-	-	-
'SR4 cat flap'	Service penetration with lockable ¹⁶ flaps of dimensions ranging between 0.2 m by 0.2 m and 0.4 m by 0.4 m.	-	-	-	~	-	-
Hercules SAF 3 Louvre ¹⁷	Steel security louvre vent.	~	~	\checkmark	-	-	-
Hercules SAF 4 Louvre ¹⁸	Steel security louvre vent.	-	-	-	~	-	-
Low-threshold frame	Alternative door frame with lower threshold.	~	~	√	~	~	~
Extra-low threshold frame	Alternative door frame with extra-low threshold.	~	~	~	~	~	~
'SR2' vision panel	Vision panel incorporating Tecdur® Secure Glass ¹⁹ SC40 BR4NS specialist laminated security glazing supplied by Hamilton Erskine. The visions panels have 'daylight' ²⁰ dimensions ranging from 0.2 m by 0.2 m up to 0.4 m by 0.4 m.	V	-	-	-	-	-

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Accessory	Description	Compatible Doorsets					
		Hercules Lite SR2	Hercules Lite SR3	Mk.II Hercules SAF 3	Mk.II Hercules SAF 4	Taurus SAF 3	Taurus SAF 4
'SR4' vision panel	Vision panels incorporating Tecdur® Secure Glass ¹⁹ DC51 GG specialist laminated security glazing supplied by Hamilton Erskine. The visions panels have 'daylight' ²⁰ dimensions ranging from 0.2 m by 0.2 m up to 0.4 m by 0.4 m.	-	√	\checkmark	√	-	-
Single overpanel	Single hinged lockable ²¹ overpanel with removable transom.	~	~	-	-	~	~
Double overpanel	Double hinged lockable ²¹ overpanel with removable transom.	\checkmark	\checkmark	-	-	\checkmark	\checkmark

Notes:

- 1. The approval covers double leaf doorsets with leafs of equal or unequal width.
- The minimum and maximum heights of the doorsets incorporating the low and extra-low threshold frame option were 0.044 m shorter than these 2 dimensions.
- The maximum structural opening height is 2.345 m when the doorset incorporates the Mico compatible lock options 27, 29 and 31. 3.
- 4. The maximum structural opening width is 2.22 m when the doorset incorporates the Mico compatible lock options 27, 29 and 31.
- The maximum structural opening height is 2.345 m and width is 0.98 m when the doorset incorporates the Mico compatible lock options 28 and 5. 30
- 6. The maximum structural opening height is 2.345 m and width is 1.9 m when the doorset incorporated the Mico compatible lock options 28 and 30.
- 7. Fail secure version only.
- 8. The resistance of the access control locks 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 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 the user satisfies 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.
- A 'P' external cylinder guard is used on the Mk.II Hercules SAF 3 doorsets and a 'P5' external cylinder guard on the Mk.II Hercules SAF 4 doorsets. The 'GSS' range of cylinder guards can be used as an alternative to the 'P' range of guards. Refer to documentation supplied by Surelock McGill Limited for a list of compatible external cylinders when doorsets are fitted with 'GSS' cylinder guards instead of 'P' or 'P5' cylinder guards.
- 10. The K4 break dome thumbturn or K15 shrouded thumbturn are approved optional features on this lock.
- 11. The motorised bolt release (M7) is an approved optional feature on this lock.
- 12. The Bramah C17 cylinder (reference AK) is only compatible with the 'P' cylinder guard and can therefore only be used on the MK.II Hercules SAF 3 doorsets.
- 13. The resistance of the 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 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.
- 14. Certification does not cover the use of padlocks other than those listed above. Utilisation of unlisted padlocks may affect the level of security offered by the product. The 'user friendliness' of employing the padlocks listed has not been assessed as this is beyond the scope of LPS 1175: Issue 7.

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- 15. The compatible Abloy padlocks are approved for use when bearing an alpha-numeric code denoting the date of manufacture as December 2013 or later. Alternatively, the V01 version of the equivalent padlock may be used without undermining the security rating.
- 16. The cat flaps do not undermine the security rating attributed to the doorsets when installed in the doorsets in locations defined on document 'SR3-4 CF 09' (Revision B). This is providing the cat flap remains secured in the closed position. The security rating attributed to the doorset is invalid when the cat flap is left open or unsecured because the aperture protected by the flap may be exploited when the flap is not secured in the closed position.
- 17. The approval covers the use of individual 'Hercules SAF 3' louvre vents (LPCB reference number 953e/01) on certain sizes of the 'MK.II Hercules SAF 3' and 'Hercules Lite' doorsets. The use of 'banked' louvre vents within the 'MK.II Hercules SAF 3' and 'Hercules Lite' doorsets is not covered. Guidance on the suitability of different sizes of louvre panels within the doorsets can be found on drawings 'LDF-01SR3' (Issue C), 'LDF-02SR3' (Issue C) and 'HLLDF-01SR2-3' (Issue A).
- 18. The approval covers the use of individual 'Hercules SAF 4' louvre vents (LPCB reference number 953e/02) on certain sizes of the 'MK.II Hercules SAF 4' doorsets. The use of 'banked' louvre vents within the 'MK.II Hercules SAF 4' doorsets is not covered. Guidance on the suitability of different sizes of louvre panels within the doorsets can be found on drawings 'LDF-01SR4' (Issue B) and 'LDF-02SR4' (Issue A).
- 19. 'Tecdur® Secure Glass' is also known under the abbreviation 'TSG'
- 20. This equates to the dimensions of the vision panel through which it is possible to view the other side of the doorset.
- 21. Each leaf is lockable with compatible locking system '43'.

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

P.Dilla	Paul Dillon	25 June 2018	12 April 20	012
Signed for LPCB	Verifier	Date of Issue	Date of First I	ssue
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