

## Certificate of Product Approval

Certificate Number: 1045a

Issue: 05

### Warrior Doors Limited

Unit 4  
Kings Road Industrial Estate  
Tyseley  
Birmingham  
B11 2AX

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

Warrior B-SL  
Warrior B-SLi  
Warrior CB-SLi  
Warrior 4SP-SL  
Warrior 4-SL  
Warrior 4-SLi  
Warrior 4-DD  
Warrior C4-SLS  
Warrior C4-DDS  
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

08 February 2018  
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## Appendix to Certificate No: 1045a

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### Warrior Doors Limited

#### 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.
Warrior B-SL	Single leaf outward opening hinged steel doorset	1.8	2.5	0.6	1.322	2	1045a/07
Warrior B-SLi	Single leaf inward opening hinged steel doorset	1.8	2.5	0.6	1.322	2	1045a/08
Warrior CB-SLi	Single leaf outward or inward opening hinged steel doorset <sup>1</sup> incorporating side screens and/or overpanel	1.9	3.5	0.85	6.222	2	1045a/09
Warrior 4SP-SL	Single leaf outward opening hinged steel doorset	1.8	2.5	0.6	1.322	4	1045a/01
Warrior 4-SL	Single leaf outward opening hinged steel doorset	1.8	2.5	0.6	1.322	4	1045a/02
Warrior 4-SLi	Single leaf inward opening hinged steel doorset	1.8	2.5	0.6	1.322	4	1045a/03
Warrior 4-DD	Double leaf outward opening hinged steel doorset	1.8	2.5	1.064	2.260	4	1045a/04
Warrior C4-SLS	Single leaf outward or inward opening hinged steel doorset <sup>2</sup> incorporating side screens	1.8	2.5	0.944	7.322	4	1045a/05
Warrior C4-DDS	Double leaf outward opening hinged steel doorset <sup>3</sup> incorporating side screens	1.8	2.5	1.408	8.260	4	1045a/06

#### Approved Locking Configurations<sup>4</sup>

Product Name	Type	Compatible Locking Systems	
		Active Leaf	Passive Leaf
Warrior B-SL	Single leaf outward opening hinged steel doorset	37	N/A
Warrior B-SLi	Single leaf inward opening hinged steel doorset	37	N/A
Warrior CB-SLi	Single leaf outward or inward opening hinged steel doorset <sup>1</sup> incorporating side screens and/or overpanel	37	N/A
Warrior 4SP-SL	Single leaf outward opening hinged steel doorset	1 to 19	N/A

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Product Name	Type	Compatible Locking Systems	
		Active Leaf	Passive Leaf
Warrior 4-SL	Single leaf outward opening hinged steel doorset	20 to 35	N/A
Warrior 4-SLi	Single leaf inward opening hinged steel doorset	20 to 35	N/A
Warrior 4-DD	Double leaf outward opening hinged steel doorset	20 to 35	36
Warrior C4-SLS	Single leaf outward or inward opening hinged steel <sup>2</sup> doorset incorporating side screens	1 to 35	N/A
Warrior C4-DDS	Double leaf outward opening hinged steel doorset <sup>3</sup> incorporating side screens	1 to 35	36

### Compatible Locking Systems

Compatible Locking System	Manufacturer	Model	Type	External Face	Internal Face	Compatible Cylinders
1	Tindall Engineering Limited	MICO Abyrll PE3	Single point emergency exit device	None	Lever handle	-
2	Tindall Engineering Limited	MICO Abyrll AD3 / USCH4	Single point locking system with automatic deadlocking	Key via USCH4 cylinder guard and lever handle	Key or thumbturn and lever handle	A, B, C, D, E, F, G, H, I, J, K, L and M
3	Tindall Engineering Limited	MICO Abyrll AD3	Single point locking system with automatic deadlocking	None	Key or thumbturn and lever handle	-
4	Tindall Engineering Limited	MICO Abyrll SATE AD3 / USCH4	Single point emergency exit device with automatic deadlocking	Key via USCH4 cylinder guard and lever handle	Lever handle	A, B, C, D, E, F, G, H, I, J, K, L and M
5	Tindall Engineering Limited	MICO Abyrll EPC AD3 / USCH4	Single point locking system with automatic deadlocking	Key via USCH4 cylinder guard and lever handle	Key or thumbturn and lever handle	N, O, P, R, S, U, V, X, Y and AA
6	Tindall Engineering Limited	MICO Abyrll EPC AD3	Single point locking system with automatic deadlocking	None	Key or thumbturn and lever handle	-
7	Tindall Engineering Limited	MICO Abyrll EPC SATE AD3 / USCH4	Single point emergency exit device with automatic deadlocking	Key via USCH4 cylinder guard and lever handle	Lever handle	Q, T, W and Z

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Compatible Locking System	Manufacturer	Model	Type	External Face	Internal Face	Compatible Cylinders
8	Tindall Engineering Limited	MICO Abryll EM2 / USCH4	Single point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device with key override (via cylinder protected by a USCH4 cylinder guard) and lever handle	Electro-mechanical access control device or thumbturn override and 'full width' push plate <sup>6</sup>	A, B, C, D, E, F, G, H, I, J, K, L and M
9	Tindall Engineering Limited	MICO Abryll EM2	Single point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device and lever handle	Electro-mechanical access control device or thumbturn override and 'full width' push plate <sup>6</sup>	-
10	Tindall Engineering Limited	MICO Abryll EM1 / USCH4	Single point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device with key override (via cylinder protected by a USCH4 cylinder guard) and lever handle	Electro-mechanical access control device or thumbturn override and push pad <sup>6</sup>	A, B, C, D, E, F, G, H, I, J, K, L and M
11	Tindall Engineering Limited	MICO Abryll EM1	Single point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device and lever handle	Electro-mechanical access control device or thumbturn override and push pad <sup>6</sup>	-
12	Tindall Engineering Limited	MICO Abryll EM3 / USCH4	Single point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device with key override (via cylinder protected by a USCH4 cylinder guard) and lever handle	Electro-mechanical access control device <sup>or</sup> thumbturn override and lever handle	A, B, C, D, E, F, G, H, I, J, K, L and M

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13	Tindall Engineering Limited	MICO Abyrll EM3	Single point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>4</sup>	Electro-mechanical access control device and lever handle	Electro-mechanical access control device or thumbturn override and lever handle	-
14	Tindall Engineering Limited	MICO Abyrll EPC EM2 / USCH4	Single point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device with key override (via cylinder protected by a USCH4 cylinder guard) and lever handle	Electro-mechanical access control device or thumbturn override and 'full width' push plate <sup>6</sup>	P, S, V, Y and AA
15	Tindall Engineering Limited	MICO Abyrll EPC EM2	Single point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device and lever handle	Electro-mechanical access control device or thumbturn override and 'full width' push plate <sup>6</sup>	-
16	Tindall Engineering Limited	MICO Abyrll EPC EM1 / USCH4	Single point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device with key override (via cylinder protected by a USCH4 cylinder guard) and lever handle	Electro-mechanical access control device or thumbturn override and push pad <sup>6</sup>	P, S, V, Y and AA
17	Tindall Engineering Limited	MICO Abyrll EPC EM1	Single point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device and lever handle	Electro-mechanical access control device or thumbturn override and push pad <sup>6</sup>	-

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18	Tindall Engineering Limited	MICO Abryll EPC EM3 / USCH4	Single point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device with key override (via cylinder protected by a USCH4 cylinder guard) and lever handle	Electro-mechanical access control device or thumbturn override and push pad <sup>6</sup>	P, S, V, Y and AA
19	Tindall Engineering Limited	MICO Abryll EPC EM3	Single point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device and lever handle	Electro-mechanical access control device or thumbturn override and lever handle	-
20	Tindall Engineering Limited	MICO EVO 2 AD3 / USCH4	Two- point locking system with automatic deadlocking	Key via USCH 4 cylinder guard and lever handle	Key or thumbturn and lever handle	A, B, C, D, E, F, G, H, I, J, K, L and M
21	Tindall Engineering Limited	MICO EVO 2 AD3	Two- point locking system with automatic deadlocking	None	Key or thumbturn and lever handle	-
22	Tindall Engineering Limited	MICO EVO 2 AD3 EPC / USCH4	Two- point locking system with automatic deadlocking	Key via USCH 4 cylinder guard and lever handle	Key or thumbturn and lever handle	N, O, P, R, S, U, V, X, Y and AA
23	Tindall Engineering Limited	MICO EVO 2 AD3 EPC	Two- point locking system with automatic deadlocking	None	Key or thumbturn and lever handle	-
24	Tindall Engineering Limited	MICO EVO 2 EM2 / USCH4	Two-point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device with key override (via cylinder protected by a USCH4 cylinder guard) and lever handle	Electro-mechanical access control device or thumbturn override and 'full width' push plate <sup>6</sup>	A, B, C, D, E, F, G, H, I, J, K, L and M

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25	Tindall Engineering Limited	MICO EVO 2 EM2	Two-point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device and lever handle	Electro-mechanical access control device or thumbturn override and 'full width' push plate <sup>6</sup>	-
26	Tindall Engineering Limited	MICO EVO 2 EM1 / USCH4	Two-point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device with key override (via cylinder protected by a USCH4 cylinder guard) and lever handle	Electro-mechanical access control device or thumbturn override and push pad <sup>6</sup>	A, B, C, D, E, F, G, H, I, J, K, L and M
27	Tindall Engineering Limited	MICO EVO 2 EM1	Two-point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device and lever handle	Electro-mechanical access control device or thumbturn override and push pad <sup>6</sup>	-
28	Tindall Engineering Limited	MICO EVO 2 EM3 / USCH4	Two-point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device with key override (via cylinder protected by a USCH4 cylinder guard) and lever handle	Electro-mechanical access control device or thumbturn override and lever handle	A, B, C, D, E, F, G, H, I, J, K, L and M
29	Tindall Engineering Limited	MICO EVO 2 EM3	Two-point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device and lever handle	Electro-mechanical access control device or thumbturn override and lever handle	-

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Compatible Locking System	Manufacturer	Model	Type	External Face	Internal Face	Compatible Cylinders
30	Tindall Engineering Limited	MICO EVO 2 EM2 EPC / USCH4	Two-point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device with key override (via cylinder protected by a USCH4 cylinder guard) and lever handle	Electro-mechanical access control device or thumbturn override and 'full width' push plate <sup>6</sup>	P, S, V, Y and AA
31	Tindall Engineering Limited	MICO EVO 2 EM2 EPC	Two-point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device and lever handle	Electro-mechanical access control device or thumbturn override and 'full width' push plate <sup>6</sup>	-
32	Tindall Engineering Limited	MICO EVO 2 EM1 EPC / USCH4	Two-point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device with key override (via cylinder protected by a USCH4 cylinder guard) and lever handle	Electro-mechanical access control device or thumbturn override and push pad <sup>6</sup>	P, S, V, Y and AA
33	Tindall Engineering Limited	MICO EVO 2 EM1 EPC	Two-point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device and lever handle	Electro-mechanical access control device or thumbturn override and push pad <sup>6</sup>	-
34	Tindall Engineering Limited	MICO EVO 2 EM3 EPC / USCH4	Two-point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device with key override (via cylinder protected by a USCH4 cylinder guard) and lever handle	Electro-mechanical access control device or thumbturn override and push pad <sup>6</sup>	P, S, V, Y and AA

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Compatible Locking System	Manufacturer	Model	Type	External Face	Internal Face	Compatible Cylinders
35	Tindall Engineering Limited	MICO EVO 2 EM3 EPC	Two-point locking system with solenoid deadlock and 12V electro-mechanical access control <sup>5</sup>	Electro-mechanical access control device and lever handle	Electro-mechanical access control device or thumbturn override and lever handle	-
36	Tindall Engineering Limited	MICO HSTB	Two tower bolts	-	-	-
37 <sup>7</sup>	GEM	Two EM10000 (Unmonitored) or EM10000R (Monitored) locks	Electromagnetic lock	Electro-mechanical access control device <sup>5</sup>	Push button release or access control system <sup>5,8</sup>	-
	Alpro	Two EMS1200 locks	Electromechanical mortice shear lock			

### Compatible Cylinders

Cylinder Reference	Manufacturer	Model	Type
A	Abloy	Protec CY201 PT	Scandinavian oval cylinder
B	Abloy	Disklock Pro CY201 DP	Scandinavian oval cylinder
C	ASSA	4401dp	Scandinavian oval cylinder
D	ASSA	4407dp	Scandinavian oval cylinder
E	ASSA	4801	Scandinavian oval cylinder
F	ASSA	4807	Scandinavian oval cylinder
G	ASSA	C5801	Scandinavian oval cylinder
H	ASSA	C5807	Scandinavian oval cylinder
I	ASSA	Twin 7601	Scandinavian oval cylinder
J	ASSA	Twin 7607	Scandinavian oval cylinder
K	Kaba	K20	Scandinavian oval cylinder
L	Kaba	Quattro PluS	Scandinavian oval cylinder
M	Locken	CL-PL2WR <sup>9</sup>	Scandinavian oval cylinder (mechatronic)
N	Abloy	Protec CY304	Europrofile double cylinder (key:key)
O	Abloy	Disklock Pro CY304	Europrofile double cylinder (key:key)

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Cylinder Reference	Manufacturer	Model	Type
P	Abloy	Protec CY305	Europrofile double cylinder (key:thumbturn)
Q	Abloy	Protec CY303	Europrofile single cylinder
R	ASSA	7622	Europrofile double cylinder (key:key)
S	ASSA	7627	Europrofile double cylinder (key:thumbturn)
T	ASSA	7623	Europrofile single cylinder
U	ASSA	C5822	Europrofile double cylinder (key:key)
V	ASSA	C5827	Europrofile double cylinder (key:thumbturn)
W	ASSA	C5823	Europrofile single cylinder
X	ASSA	4822	Europrofile double cylinder (key:key)
Y	ASSA	4827	Europrofile double cylinder (key:thumbturn)
Z	ASSA	4823	Europrofile single cylinder
AA	Kaba	Quattro Plus	Europrofile double cylinder (key:key or key:thumbturn)

### Compatible Infills for the Warrior B and CB Range of Doorsets<sup>10</sup>

Infill	Product name		
	Warrior B-SL	Warrior B-SLi	Warrior CB-SLi
18 mm thick laminated security glass	✓	✓	✓
20 mm thick laminated security glass	✓	✓	✓
3 mm Stainless Steel	✓	✓	✓
4 mm Stainless Steel	✓	✓	✓

### Compatible Infills for the Warrior 4 and C4 Range of Doorsets<sup>11</sup>

Infill	Internal Locking Operation			
	Single Action Escape Lever Handle	Internal Thumbturn with a Lever Handle	Internal Key with a Lever Handle	Electro-Mechanical Access Control Device Incorporating an Internal Thumbturn Override
	Compatible Locking System			
	1, 4 and 7	2, 3, 5, 6, 20, 21, 22 and 23	2, 3, 5, 6, 20, 21, 22 and 23	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 and 35
6 mm Stainless Steel	-	-	✓	-
4 mm Stainless Steel / 3 mm Stainless Steel	-	✓	✓	✓
6 mm Manganese	✓	✓	✓	✓
8 mm Manganese	✓	✓	✓	✓

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Infill	Internal Locking Operation			
	Single Action Escape Lever Handle	Internal Thumbturn with a Lever Handle	Internal Key with a Lever Handle	Electro-Mechanical Access Control Device Incorporating an Internal Thumbturn Override
	Compatible Locking System			
	1, 4 and 7	2, 3, 5, 6, 20, 21, 22 and 23	2, 3, 5, 6, 20, 21, 22 and 23	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34 and 35
Louvre Panels	-	-	✓	✓
ESG 'LPS1270 224/40' Glazing	-	-	✓	-
ESG 'LPS1270 234/40' Glazing	-	-	✓	-
Hamilton Erskine 'H&E hand glass' Glazing	-	-	✓	-

### Notes:

- The sizes and compatible locking configurations of the single leaf doorset used within this configuration are those falling within the scope of LPCB Ref. No 1045a/07 and 1045a/08.
- The sizes and compatible locking configurations of the single leaf doorset used within this configuration are those falling within the scope of LPCB Ref. No 1045a/01, 1045a/02 and 1045a/03.
- The sizes and compatible locking configurations of the double leaf doorset used within this configuration are those falling within the scope of LPCB Ref. No 1045a/04.
- Certification does not cover the use of locks other than those listed in the table. Utilisation of unlisted locks may affect the level of security offered by the doorset.
- 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. Furthermore, specifiers should ensure the access control system incorporates provision for uninterrupted power to be provided to the electromagnetic locks in the event of a mains power failure, if the doorset is required to continue to provide the certified resistance to forced entry during such an event, and that appropriate means of escape is assured in an emergency.
- Although outside the scope of LPS 1175: Issue 7, special consideration should be paid to the use of 'emergency exit' locking systems with separate deadlocks, e.g. Mico Abryll EM2. This is because it is generally not acceptable to separately deadlock a doorset that is fitted with a panic or emergency exit device unless the deadlock is automatically released by the action of the panic or exit device. For further information, please refer to the appropriate standards for emergency and panic exit devices, i.e. BS EN 179 and BS EN 1125 respectively.
- Compatible locking system 37 incorporates all four electromagnetic and electromechanical locks.
- The access control system's 'push to release' button must be located at least 1.0 m from the doorset and any associated side screen or overpanel.

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

*P. Dillon*

Signed for LPCB

Paul Dillon  
Verifier

08 February 2018  
Date of Issue

17 December 2012  
Date of First Issue



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## Appendix to Certificate No: 1045a Warrior Doors Limited

Issue: 05

9. 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 the 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.
10. The scope of approval covers the use of different infill types within the doorset.
11. The scope of approval covers the use of the same infill type in both the upper and lower panels.

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