

Certificate of Product Approval

Certificate Number: 953f

Issue: 06

PSF Wales Limited

Llys Rhiannon
Cil-Yr-Ychen 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

Taurus SAF 3
Taurus SAF 4
modular security enclosures

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

Richard Flint
Verifier

09 October 2015
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Modular Security Enclosures

Product Name	Product Type	Nominal Minimum External Height (m)	Nominal Maximum External Height ¹ (m)	Nominal Minimum External Width ² (m)	Nominal Maximum External Width (m)	Nominal Minimum External Depth ³ (m)	Nominal Maximum External Depth (m)	Security Rating	LPCB Ref. No.
Taurus SAF 3	Modular single skin enclosure with single leaf outward opening doorset	0.85	2.9	0.7	5.0	0.4	2.8	3	953f/01
	Modular single skin enclosure with double leaf outward opening doorset	0.85	2.9	1.422	5.0	0.4	2.8	3	
Taurus SAF 4	Modular single skin enclosure with single leaf outward opening doorset	0.85	2.9	0.7	5.0	0.4	2.8	4	953f/02
	Modular single skin enclosure with double leaf outward opening doorset	0.85	2.9	1.422	5.0	0.4	2.8	4	

Compatible Doorsets

Product Name	Type	Nominal Height of Structural Opening (m) ^{4,5}		Nominal Width of Structural Opening (m) ⁴		Compatible Locking System	
		Minimum	Maximum	Minimum	Maximum	Active Leaf	Passive Leaf
Mk. II Hercules SAF 3 ⁶	Single leaf outward opening hinged steel doorset	0.6	2.8	0.688	1.508	1, 2	N/A
		1.11	2.345	0.688	1.508	4	N/A
	Double leaf outward opening hinged steel doorset	0.6	2.8	1.288	2.858	1, 2	7
		1.11	2.345	1.288	2.22	4	7
Taurus SAF 3 ⁶	Single leaf outward opening padlockable hinged security doorset	0.6	2.8	0.688	1.508	5	N/A
	Double leaf outward opening padlockable hinged security doorset	0.6	2.8	1.288	2.858	5	7

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Product Name	Type	Nominal Height of Structural Opening (m) ^{4,5}		Nominal Width of Structural Opening (m) ⁴		Compatible Locking System	
		Minimum	Maximum	Minimum	Maximum	Active Leaf	Passive Leaf
Mk. II Hercules SAF 4 ⁷	Single leaf outward opening hinged steel doorset	0.6	2.8	0.688	1.508	3	N/A
	Double leaf outward opening hinged steel doorset	0.6	2.8	1.288	2.858	3	7
Taurus SAF 4 ⁷	Single leaf outward opening padlockable hinged security doorset	0.6	2.8	0.688	1.508	6	N/A
	Double leaf outward opening padlockable hinged security doorset	0.6	2.8	1.288	2.858	6	7

Compatible Locking Systems

Compatible Locking System	Manufacturer	Model / Type	External Face	Internal Face	Compatible Cylinders / Padlocks
1	Tindall Engineering	Abryll AD3 / USCH3 single-point auto-deadlocking auto-bolting system with external cylinder access	USCH3 cylinder guard and lever handle	Thumbturn and lever handle	A to AA
2	Tindall Engineering	Abryll ADCL / USCH3 single-point auto-deadlocking system with external cylinder access	USCH3 cylinder guard and lever handle	None	A to AA
3	Tindall Engineering	Abryll ADCL / USCH4 single-point auto-deadlocking system with external cylinder access	USCH4 cylinder guard and lever handle	None	A to AA
4	Tindall Engineering	Mico 942L INT AD / USCH3 two-point auto-deadlocking auto-bolting system with external cylinder access	USCH3 cylinder guard and lever handle	Thumbturn and lever handle	A to AA
5	PSF Wales /Tindall Engineering	PSF Taurus three-point locking system with external Mico SR3 hasp and staple	Mico SR3 hasp and staple	None	a, b, c, f and g
6	PSF Wales	PSF Taurus three-point locking system with PSF shrouded external padlockable handle	Shrouded padlockable handle	None	a, c, d and e
7	Commercial Body Fittings Limited	Two sprung tower bolts	None	Two sprung tower bolts	-

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Compatible Cylinders

Cylinder Reference	Manufacturer	Model	Type
A	Abloy	Protec CY201 PT	Scandinavian oval
B	Abloy	Protec2 CY201-TT	Scandinavian Oval
C	Abloy	Disklock Pro CY201 DP	Scandinavian Oval
D	Abloy	Protec Cliq CY201 ⁸	Scandinavian Oval (mechatronic)
E	Abloy	Protec2 Cliq / Cliq Remote CY201-TT-CLIQ ⁸	Scandinavian Oval (mechatronic)
F	ASSA	4401dp	Scandinavian oval
G	ASSA	4401 Cliq ⁸	Scandinavian oval (mechatronic)
H	ASSA	4407dp	Scandinavian oval
I	ASSA	4407 Cliq ⁸	Scandinavian oval (mechatronic)
J	ASSA	4801	Scandinavian oval
K	ASSA	4807	Scandinavian oval
L	ASSA	C5801	Scandinavian oval
M	ASSA	C5807	Scandinavian oval
N	ASSA	Twin 7601	Scandinavian oval
O	ASSA	Twin 7607	Scandinavian oval
P	Kaba	K20	Scandinavian oval
Q	Kaba	Quattro Plus	Scandinavian oval
R	Locken	CL-PL2WR ⁸	Scandinavian oval (mechatronic)
S	Medeco	M3-ARX	Scandinavian oval
T	Abloy	Protec CY403	Rim
U	Abloy	Protec2 CY403-TT	Rim
V	Abloy	Protec Cliq CY403 ⁸	Rim (mechatronic)
W	Abloy	Protec2 Cliq / Cliq Remote CY403-TT-CLIQ ⁸	Rim (mechatronic)
X	Abloy	Protec2 CY405-TT	Rim
Y	Kaba	Quattro Plus	Rim
Z	Medeco	M3-ARX	Rim
AA	ASSA	C5857	Round threaded

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Compatible Padlocks⁹

Padlock Reference	Manufacturer	Model	Cylinders
a	Abloy	PL340/25 (V01) ¹⁰	Abloy Disklock Pro
			Abloy Exec
			Abloy High Profile
			Abloy Novel
			Abloy Protec1
			Abloy Protec2
			Abloy Sentry
b	Abloy	PL350/25 (V01) ¹⁰	Abloy Disklock Pro
			Abloy Exec
			Abloy High Profile
			Abloy Novel
			Abloy Protec1
			Abloy Protec2
			Abloy Sentry
c	Kaba	KP18	Kaba K20
d	Squire	SS50S	Squire 6 pin
e		SS50 M3ARX	Medico M3 ARX
f		SS65S LEV3	Squire 6 pin
g		SS65 M3ARX LEV3	Medico M3 ARX

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Accessories Approved For Use On The Taurus SAF 3 And SAF 4 Enclosures

Accessory / Option	Type	Enclosure			
		Taurus SAF3 modular enclosure		Taurus SAF4 modular enclosure	
		With single leaf outward opening doorset	With double leaf outward opening doorset	With single leaf outward opening doorset	With double leaf outward opening doorset
Cowl ¹¹	Shrouded vents (0.3m to 1.1 m high by 0.3 by 1.1 m wide by 0.1 by 1 m deep) incorporating grilles to the bottom and rear plus the option for fly or vermin mesh to be fitted.	✓	✓	✓	✓
External base flanges	External base flanges for external mounting of the enclosure onto a supporting substrate when there is restricted space within the enclosure.	✓	✓	✓	✓
Vision panel ¹²	Vision panels with 'daylight' ¹³ dimensions ranging between 0.2 m by 0.2 m and 1.0 m by 1.0 m, incorporating Tecdur® Secure Glass DC51 GG ¹⁴ laminated security glazing.	✓	✓	✓	✓

Accessories Approved For Use On The Mk.II Hercules SAF And Taurus SAF Doorsets When Fitted To The Taurus SAF 3 And SAF 4 Enclosures

Accessory/Option	Type	Doorset			
		Mk. II Hercules SAF3	Mk. II Hercules SAF4	Taurus SAF 3	Taurus SAF 4
Hercules SAF3 Louvre ¹⁵	Steel security louvre vent.	✓			
Hercules SAF4 Louvre ¹⁶	Steel security louvre vent.		✓		
Low-threshold frame	Alternative door frame with lower threshold.	✓	✓	✓	✓
Extra-low threshold frame	Alternative door frame with extra-low threshold.	✓	✓	✓	✓
Vision panel ¹²	Vision panels with 'daylight' ¹³ dimensions ranging between 0.2 m by 0.2 m and 0.4 m by 0.4 m, incorporating Tecdur® Secure Glass DC51 GG ¹⁴ laminated security glazing.	✓	✓		

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Notes:

1. The height of enclosures over 1.2 m tall may be no greater than three times the width or depth of the enclosure.
2. Although this is the minimum width of enclosure found to meet the requirements of the security rating classification attributed to the enclosure, the enclosures' width must be at least 0.134 m greater than the width of the doorset when the doorset is mounted in that plane.
3. Although this is the minimum depth of enclosure found to meet the requirements of the security rating classification attributed to the enclosure, the enclosures' depth must be at least 0.134 m greater than the width of the doorset when the doorset is mounted in that plain.
4. The structural opening sizes relate to the opening formed between adjacent wall/roof panels. The structural opening size is identical irrespective of whether the door is framed or unframed. The only difference on an unframed doorset is that the leaves will be larger to accommodate the fact there is no frame. Only the Taurus doorsets are approved for installation in either framed or unframed configurations. All Hercules doorsets are framed.
5. The maximum and minimum heights of the doorsets incorporating the low and extra-low level threshold frame options are 0.044 m shorter than these dimensions.
6. The MK II Hercules SAF 3 and Taurus SAF 3 doorsets listed are only compatible for use with the Taurus SAF 3 single skin modular enclosures.
7. The MK II Hercules SAF 4 and Taurus SAF 4 doorsets listed are only compatible for use with the Taurus SAF 4 single skin modular enclosures.
8. 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.
9. 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.
10. 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.
11. The vents must not be located within 0.3 m of the locks on doorsets fitted to the enclosure
12. The vision panel may not be located any closer than 500 mm from the lock operating device.
13. This equates to the dimensions of the vision panel through which it is possible to view the other side of the product.
14. 'Tecdur® Secure Glass' is also known under the abbreviation 'TSG'.
15. 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' doorsets. The use of 'banked' louvre vents within the 'MK.II Hercules SAF 3' 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) and 'LDF-02SR3' (Issue C).
16. 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 3' 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).
17. The approval covers the Taurus SAF 3 and Taurus SAF 4 modular security enclosures when installed directly onto a concrete plinth in accordance with the instructions contained on PSF Wales Limited's document SR3/4-BFD (Revision F dated 21 November 2013).

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