



4705



UKCA CERTIFICATE

APPROVED BODY NUMBER 0843

UK CERTIFICATE OF CONSTANCY OF PERFORMANCE CERTIFICATE No. 0843-CPR-1042

This is to certify that UL International (UK) Ltd. did undertake the relevant AVCP procedures for the equipment identified below which was found to be in compliance with the Construction Products Regulation 2011 as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020, subject to any conditions attached hereto.

Manufacturer: **STRAND HARDWARE LTD**

Address: **Strand House, Long Street, Walsall WS2 9DY**

Product Description: **Panic exit devices kit**

Model Reference(s): **See schedule**

Places of production: **Strand House, Long Street, Walsall WS2 9DY**

Designated Standard(s): **BS EN 1125: 2008**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above referenced standards, under system 1/1+ for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the UK Approved body.

Date of 1st issue: **31st March 2022**
Issue: **2**
Date of re-issue: **27th November 2022**

Issued by UL International (UK) Ltd., Approved Body 0843.

Signed:

Name: **David Yates**
Certification Decision Maker

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Detailed information sheet

Brand: **Strand Hardware**
 Model Reference(s): **PED1002, PED1003, PED1004, PED1005, PED1006, PED1007, PED1008, PED1009, PED1010, PED1011, PED1012, PED1013, PED2001, PED2002, PED2003**
 Description: **Panic exit devices operated by a horizontal bar, for use on escape routes**
 Classifications:

3	7	6	0	1	4	2	1	A	A
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Technical documentation:

ICIM Test Report: **No. 101012701SG**
 Instituto Giordano Test Report **No. 311012**

Limitations on the acceptance or use of the product(s):

Installation instructions To be used in accordance with the supplier's installation instructions.

Terms and Conditions:

1. This certificate remains the property of UL International (UK) Ltd, herein "UL UK", and will be withdrawn if any conditions attached to its issue are not complied with.
2. This certificate is issued subject to the Global Services Agreement (GSA) and UKCA CPR Service Terms.
3. Production is limited to the site(s) as listed, or detailed within the Technical documentation held by UL UK.
4. Any product change, production/process changes, etc. which may affect conformity shall be notified to UL UK.
5. This certificate is only valid for placing goods on the market of United Kingdom excluding Northern Ireland.

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Essential Characteristic		Performance	Harmonized Standard
Ability to release (for locked doors on escape routes)			
4.1.2	Release function	<1s	BS EN 1125: 2008
4.1.3	Panic exit mounting	The device is designed to be mounted on the inner surface of the door.	
4.1.5	Exposed edges and corners	>0.5 mm	
4.1.7	Double doorset	When used on a double doorset leaves allow both leaves to be opened simultaneously.	
4.1.9	Bar installation	Z < 150 mm	
4.1.10	Bar length	X > 60% Y	
4.1.11	Bar projection	Category 2: W < 100 mm	
4.1.12	Bar end	The bar does not protrude beyond either of the two support brackets.	
4.1.13	Operating bar face	V > 18 mm	
4.1.14	Test rod	The device does not trap the 10mm diameter test rod at any position during its operation	
4.1.15	Door face gap	> 0.5 mm	
4.1.16	Accessible gap	The test piece (10x15x20 mm) does not prevent the correct operation of the device.	
4.1.17	Door free movement	The panic exit device does not restrict or impede the free movement of the door once released	
4.1.18	Top vertical bolt	Manipulation of the bottom vertical rod bolt head does not release the top vertical rod bolt head.	
4.1.20	Keepers	Keepers provide protection for any part of the door or frame that could be damaged by the panic exit device during the opening and closing cycle of the door	
4.1.21	Keepers dimensions	H < 15 mm, M < 45°, P < 3 mm	
4.1.23	Door mass and dimensions	Max leaf mass 200 kg, max leaf height ≤ 2520 mm, max leaf width ≤ 1320 mm	
4.1.24	Outside access device	Does not interfere with the operation of the panic exit device from the inside.	
4.2.2	Release forces	Door not under pressure < 80 N, door under pressure < 220 N	
4.2.7	Security requirement	The device remains in the locked position and keeps the door closed when subjected to a force of 1000 N	

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Essential Characteristic		Performance	Harmonized Standard
Durability of ability to release (for locked doors on escape routes)			
4.1.4 4.2.9	Corrosion resistance	Very high resistance (240 hours according to EN 1670)	BS EN 1125: 2008
4.1.6	Temperature range	The maximum operating force at -10 °C and at +60 °C did not exceed 50 % in excess of the operating forces measured at 20 °C.	
4.1.19 4.2.6	Covers for vertical rods	Not applicable, mortice mounted device.	
4.1.22	Lubrication	The manufacturer has not given any indication on periodic lubrication.	
4.2.3	Re-engagement force	< 50 N	
4.2.4	Durability	200,000 cycles	
4.2.5	Abuse resistance – horizontal bar	The horizontal bar withstands a push force of 1000 N, pull, top and bottom directions are not applicable.	
4.2.6	Abuse resistance – vertical rods	Not applicable	
4.2.8 4.2.2 4.1.17	Final examination	After the abuse test <ul style="list-style-type: none"> - The device releases with a force < 80 N door not under pressure - The device releases with a force of < 220N door under pressure - The door has free movement 	BS EN 1125: 2008

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Essential Characteristic		Performance	Harmonized Standard
Self closing ability C (for fire/smoke doors on escape routes)			BS EN 1125: 2008
4.2.3	Re-engagement force	< 50 N	
Durability of self closing ability C against aging and degradation (for fire/smoke doors on escape routes)			BS EN 1125: 2008
4.2.4	Durability	200,000 cycles	
4.2.3	Re-engagement force	< 50 N	
Resistance to fire E (integrity and I (insulation) (for use on fire doors)			BS EN 1125: 2008
Annex B	Resistance to fire E I	grade 0: Not approved for use on fire / smoke door assemblies	

Essential Characteristic		Performance	Harmonized Standard
Control of dangerous substances			BS EN 1125: 2008
4.1.25	Dangerous substances	The manufacturer declares that the device does not contain or release dangerous substances in excess of the maximum levels specified in European standards governing the materials or in any national regulation.	

END OF CERTIFICATE

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