

UKCA Declaration of performance No. 22017

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|---|---|
| 1. Product type: | Electric lock
Panic exit devices operated by a horizontal bar |
| 2. Type number: | PE580, PE590 |
| 3. Intended use: | For fire and smoke compartmentation doors when fitted in accordance with the installation instructions
For doors on escape routes when fitted in accordance with the installation instructions |
| 4. Manufacturer: | Abloy Oy
Joensuu factory
Wahlforssinkatu 20
FI-80100 JOENSUU
FINLAND |
| 5. System or systems of assessment and verification of constancy of performance of the construction product: | AVCP 1 |
| 6. Designated standard/s: | BS EN 14846:2008
BS EN 1125:2008 |
| 7. Approved body: | UL International (UK) LTD
ID No: 0843
Unit 1 - 3 Horizon, Kingsland Business Park,
Wade Road
Basingstoke
Hampshire, RG24 8AH
United Kingdom |
| 8. UKCA Certificate/s of constancy of performance: | No. 0843-CPR-1165
No. 0843-CPR-1164 |

9. Declared performance:

Essential Characteristics	Grade	Performance	Designated technical specification
4.3 Category of use	3	Doors in public buildings	BS EN 14846:2008
4.4 Durability and load on latchbolt	S	200 000 test cycles, 50N load on latchbolt	
4.5 Door mass and closing force	5	Up to 200 kg door mass, 25N maximum closing force	
4.6 Suitability for use on fire/smoke doors	F	EI120 fire doors	
4.7 Safety	-	See BS EN 179:2008. BS EN 1125:2008	
4.8 Corrosion resistance, temperature and humidity	L	High resistance, -25 °C to +70 °C, Level 2	
4.9 Security	3	Medium security, no drill resistance	
4.10 Security – Electrical function	1	Indication	
4.11 Security – Electrical manipulation	1	Grade 1	
Dangerous substances	The materials used in the product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.		

Essential Characteristics	Grade	Performance	Designated technical specification
7.1 Category of use	3	High frequency of use where there is little intensive to exercise care	BS EN1125:2008
7.2 Durability	7	200 000 test cycles	
7.3 Door mass	6	Up to 200 kg	
7.4 Suitability for use on fire/smoke doors	B	Suitable for use on fire door assemblies based on a test in accordance with BS EN 1634-1	
7.5 Safety	1	All panic exit devices have a critical safety function	
7.6 Corrosion resistance	3	96 h (high resistance)	
7.7 Security	2	1000 N	
7.8 Projection of horizontal bar	2	Projection up to 100 mm (standard projection)	
7.9 Type of horizontal bar operation	A	Panic exit device with "push-bar" operation	
7.10 Field door application	B	Single door only	
Dangerous substances	The materials used in the product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.		

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance point 9. The declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Joensuu 2022-09-16
On behalf of Abloy Oy


Jari Kervinen, VP Mechanical Solutions

Joensuu 2022-09-16
On behalf of Abloy Oy


Minna Sallinen, VP Digital Access Solutions