

CONSTRUCTION PRODUCTS REGULATION 2011
DECLARATION OF PERFORMANCE

DoP Number: DC00016

1. Unique identification code of the product-type:

ES600 with 324 CAM V/P

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11 (4) of the CPR:

600 Single Action Electronic Hold Open Surface Mounted Slide Arm Door Closer

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

For use on fire and smoke compartmentation doors, when fitted in accordance with the manufacturer's fitting instructions

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11 (5):

Freeman and Pardoe
Tything Road, Arden Forest Industrial Estate, Alcester, Warwickshire, B49 6ES United Kingdom

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard.

En 1155: 1997:+ A1: 2002 Notified Body No 2812 issued the E.C. Certificate

8. European Technical Assessment:

N/A

9. Declared performance

Essential characteristic Ability to release	Performance	Harmonised technical Specification
5.2.1. Release from any angle	Pass	EN 1155:1997 + A1:2002
5.1.3. Not possible to inhibit the release	Pass	
5.1.4. Supply voltage	Pass	
5.1.5. External electrical connection	Pass	
5.1.6. Inlet for external wiring	Pass	
5.2.1. General		
5.2.2. Electrical release	Pass - Release within 3 s	
5.2.3. Door closing device EN 1154 requirements	EN 1154 (See DoP for 324 Cam V/P)	
5.2.4. Durability	25K cycles –electrical switched 25K cycles -electrical	
5.2.5. Angle of hold open	Greater than 65°	
5.2.6. Manual release	Excess of 120 Nm	
5.2.7. Continuous hold open	Pass - movement not more than 2° over 48 hours	
5.2.8. Overload performance	Pass	
5.2.9. Delayed release	Any delay function adjustable to less than 30 s	
5.2.10 Electrical performance	5.2.7. and 5.2.9. verified at +/- 15% rated voltage	
5.1.11 Temperature rise	At 15% rated voltage, operating coils/windings not more than 50°C; terminals and exposed surfaces not more than 25°	
5.1.12. Damage	Pass	
5.1.13. Fire/smoke doors	Grade 1	
Essential characteristic Durability of Self closing	Performance	Harmonised technical Specification
5.2.14.1. Corrosion	Grade 2: 48 hours	EN 1155:1997 + A1:2002
5.2.14.2. Corrosion	Pass	
Dangerous Substances Annex ZA3	The materials in the product(s) 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 in point 9. This declaration of performance is issued under the sole responsibility of the manufacture identified in point 4.

Signed for and on behalf of the manufacturer by:

MR RHODRI DAVIES
DIRECTOR

Freeman and Pardoe

Tything Road, Arden Forest Industrial Estate, Alcester, Warwickshire, B49 6ES United Kingdom

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