

DECLARATION OF PERFORMANCE



DoP-50.03.03-UKCA



(50.03.03.07 Fig 1)

- Unique identification code of the product / type:-
50.03.03.07 2-4 variable power Surface Fixed Door Closer with Fig 1 Standard Fixing and Fig 61 Transom Fixing pull side, 110 degree maximum opening angle.
- **Re-order Code allowing identification of the construction product as required under Article 11(4) of CPR:**
50.03.03.21, 50.03.03.06, 50.03.03.51
- Intended use:- For use on fire/smoke compartmentation doors, when fitted in accordance with the supplied fitting instructions and maintained to the manufacturers O&M Manual.
- Manufacturer:- Merlin Architectural Limited, Rossmore House, Rossmore Rd E, Cheshire, Ellesmere Port CH65 3DA
- System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V :- System 1
- Harmonised Standard:- BS EN 1154:1997 + A1:2002
- Notified Body:- IFCC UK Conformity Assessment body No. 1720
- Certification No.:- 1720-CPR-0299
- Declared Performance:-

Conditioning: Standard Position (Fig 1) and Transom Fixing (Fig 61) power size 2-4, with adjustable latch action and 120 degree maximum opening angle

Essential Characteristics	Performance	Harmonised Technical Specification
<i>Self-closing (5.2.1 General)</i>		BS EN 1154:1997 + A1:2002
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Power size 2 - 4	
5.2.4 Opening moment	Power size 2 - 4	
5.2.5 Efficiency	Pass	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 3 for closing doors from 105 degrees	
5.2.8 Overload performance	Pass	
5.2.9 Temperature dependence	-15°C to +40°C	
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.2.12 Latch control	Pass	
5.2.13 Back check	Pass	
5.2.15 Adjustable closing force	Pass	

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<i>Durability of Self Closing</i>		BS EN 1154:1997 + A1:2002
5.2.2 Durability	500,000 test cycles – Grade 8	
5.2.17 Corrosion resistance	High corrosion resistance - Grade 3 (96 hours)	
Dangerous Substances	Pass: the materials in the door closer do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations (1)	

The performance of the product identified above is in conformity with the set of declared performance/s.

This declaration of performance is issued, in accordance with the Construction Products (Amendment etc) (EU Exit) Regulations, 2019 No. 465 & 2020 No.1359.

Signed for and on behalf of the manufacturer by:

A handwritten signature in black ink, appearing to read "EJ Shorto".

Edward Shorto
Director

Dated 09-12-2024