

**Construction Products Regulation
Declaration of Performance (DoP)**

According to The Construction Products (Amendment etc) (Eu Exit)
Regulations, 2019 No. 465 & 2020 No.1359



DOP.50.04.03/50.14.03

From 1 January 2021 UKCA Marking of Construction Products for the GB market (England, Scotland and Wales) covered by UK Designated Standards can be used and will become mandatory 1 January 2022.

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- 1. Unique identification code of the product/type:**
Merlin Architectural Prostyle Overhead Door Closer Variable Power
 - 2. Re-order Code allowing identification of the construction product as required under Article 11(4) of CPR:**
50.04.03, 50.14.03
 - 3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:**
For use on fire/smoke compartmentation doors, when fitted in accordance with the supplied fitting instructions and maintained to the manufacturers O&M Manual.
 - 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11 (5):**
Merlin Architectural Ltd, Rossmore House, Rossmore Road East, Ellesmere Port, Cheshire, CH65 3DA
 - 5. Where applicable. Name and contact address of 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 UK CPR, Annex V:**
System 1
 - 7. In case of the declaration of performance concerning a construction product covered by a designated standard:**
BS EN 1154:1997 + A1:2002
 - 8.1 Conformity assessment body**
IFCC UK Conformity Assessment body No. 1720
 - 8.2 ID Certificate**
1720-CPR-0231

9. Declared performance

Conditioning:

- Power size 2 to 5 in Standard fixing application with Delayed action, adjustable Back check and latch action

Essential Characteristics	Performance	Harmonised Technical Specification
<i>Self-closing (5.2.1 General)</i>		EN1154:1997 + A1:2002
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Adjustable power size 2-5	
5.2.4 Opening moment	Adjustable power size 2-5	
5.2.5 Efficiency	Pass	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 4 for closing doors from 180 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	
5.2.14 Delayed action	Pass	
5.2.15 Adjustable closing force	Pass	
<i>Durability of Self Closing</i>		EN1154:1997 + A1:2002
5.2.2 Durability	500,000 test cycles	
5.2.17.1 Corrosion	Grade 3 (96 hours)	
5.2.17.2 Corrosion	Pass	
Dangerous Substances Annex ZA3	Pass: No hazardous substances in terms of the EC guidelines and REACH directive	

- Power size 2 to 4 in Parallel fixing position using large parallel arm bracket 1.PARR, no back check or latch action. 180 degrees max opening angle.

Essential Characteristics	Performance	Harmonised Technical Specification
<i>Self-closing (5.2.1 General)</i>		EN1154:1997 + A1:2002
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Adjustable power size 2-4	
5.2.4 Opening moment	Adjustable power size 2-4	
5.2.5 Efficiency	Pass	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 4 for closing doors from 180 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	
5.2.14 Delayed action	Pass	
5.2.15 Adjustable closing force	Pass	
<i>Durability of Self Closing</i>		EN1154:1997 + A1:2002
5.2.2 Durability	500,000 test cycles	
5.2.17.1 Corrosion	Grade 3 (96 hours)	
5.2.17.2 Corrosion	Pass	
Hazardous Substances Annex ZA3	Pass: No hazardous substances in terms of the EC guidelines and REACH directive	

- Power size 2 to 5 in Parallel fixing position using small parallel arm bracket 2.PARR
(Maximum opening angle 120°), no back check or latch action.

Essential Characteristics	Performance	Harmonised Technical Specification
<i>Self-closing (5.2.1 General)</i>		EN1154:1997 + A1:2002
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Adjustable power size 2-5	
5.2.4 Opening moment	Adjustable power size 2-5	
5.2.5 Efficiency	Pass	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 3 for closing doors from 120 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	
5.2.14 Delayed action	Pass	
5.2.15 Adjustable closing force	Pass	
<i>Durability of Self Closing</i>		EN1154:1997 + A1:2002
5.2.2 Durability	500,000 test cycles	
5.2.17.1 Corrosion	Grade 3 (96 hours)	
5.2.17.2 Corrosion	Pass	
Hazardous Substances Annex ZA3	Pass: No hazardous substances in terms of the EC guidelines and REACH directive	

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 manufacturer identified in point 4.

Signed for an behalf of the manufacturer:



Terry Shorto (Director)

Place and date of issue

Ellesmere Port, UK. 11.08.2021.