

## Construction Products Regulation Declaration of Performance (DoP)

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



### DOP.50.05.04

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 Fixed Power Size 3

**2. Re-order Code allowing identification of the construction product as required under Article 11(4) of CPR:**

50.05.04

**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 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-0232

## 9. Declared performance

### Conditioning:

- Power size 3 in regular fixing application, optional back check and adjustable latch action

| Essential Characteristics           | Performance   | Harmonised Technical Specification |
|-------------------------------------|---|------------------------------------|
| <i>Self-closing (5.2.1 General)</i> |   |                                    |
| 5.2.2 Durability                    | 500,000 test cycles   | BSEN 1154:1997 + A1:2002           |
| 5.2.3 Closing moment                | Power size 3  |                                    |
| 5.2.4 Opening moment                | Power size 3  |                                    |
| 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>   |   |                                    |
| 5.2.2 Durability                    | 500,000 test cycles   | BSEN 1154:1997 + A1:2002           |
| 5.2.17.1 Corrosion                  | Grade 3 (96 hours)  |                                    |
| 5.2.17.2 Corrosion                  | Pass  |                                    |
| Dangerous Substances Annex ZA3      | 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) |                                    |

- Power size 3 in Parallel arm fixing application, with adjustable latch action. 160 degrees max opening angle.

| Essential Characteristics           | Performance   | Harmonised Technical Specification |
|-------------------------------------|---|------------------------------------|
| <i>Self-closing (5.2.1 General)</i> |   | BS EN1154:1997 + A1:2002           |
| 5.2.2 Durability                    | 500,000 test cycles   |                                    |
| 5.2.3 Closing moment                | Power size 3  |                                    |
| 5.2.4 Opening moment                | Power size 3  |                                    |
| 5.2.5 Efficiency                    | Pass  |                                    |
| 5.2.6 Closing time                  | Pass  |                                    |
| 5.2.7 Angles of operation           | Grade 3 for closing doors from 160 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>   |   | BS 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.