Construction Products Regulation 2011
Declaration of Performance (DoP)

EU Nr.305/2011 (UK)

DoP Number: DOP-SHL-DC51-CE

CE Certificate of Conformity number: AD5191

- **Unique identification code of the product-type**: S100, S150 series overhead door closer
- **Intended use or uses**: For use on fire and smoke compartmentation doors when fitted in accordance with the manufacturers fitting instructions to fulfil the self-closing requirements of such doors
- **Manufacturer name and address**: Synergy Hardware Ltd. Unit 2 Heath Mill Business Centre, Heath Mill Road, Wombourne, Wolverhampton, WV5 8AP
- **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**: EN 1154: 1996/A1:2002/AC:2006
- **Notified body**: 2812 Element Materials Technology Rotterdam BV

Intended use: For use on fire rated single and double leaf doors

Essential Characteristics	**Application:** Door Mount Pull (Fig 1)	**Harmonised Technical Specification**
Self-Closing (5.2.1 General) **5.2.2 Durability:** **5.2.3 Closing moment:** **5.2.4 Opening moment:** **5.2.5 Efficiency:** **5.2.6 Closing time:** **5.2.7 Angles of operation:** **5.2.8 Overload performance:** **5.2.9 Temperature Dependence:** **5.2.10 Fluid leakage**: **5.2.11 Damage:** **5.2.12 Latch control**: **5.2.13 Backcheck**: **5.2.14 Delayed closing:** **5.2.15 Adjustable closing force**: **5.2.16 Zero position (double action door closers only):** **5.2.18 Fire/smoke door suitability**:	**Performance:** 500,000 test cycles Pass (size 2-4) Pass (size 2-4) >50% (Size 2), >60% (Size 4) Pass Grade 3 > 105° Pass -15°C to +40°C Pass Pass Pass NPD NPD Pass NPD Pass	EN 1154: 1996/A1:2002/AC:2006
Durability of self-closing **5.2.2 Durability:** **5.2.17.1 Corrosion**: **5.2.17.2 Corrosion**:	**Performance:** 500,000 test cycles Grade 3 (96 hours) Pass	EN 1154: 1996/A1:2002/AC:2006
Dangerous Substances Annex ZA3	**Pass:** 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	

Registered Address:
Synergy Hardware Ltd., 3 Lyttleton Court Birmingham Street,
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Email: info@synergyhardware.co.uk
Website: www.synergyhardware.co.uk

Registered in England and Wales Company No. 08911884
VAT Reg. No. 200 2342 85

Essential Characteristics	Application: Door Mount Push (Fig 6)	Harmonised Technical Specification
<u>Self-Closing (5.2.1 General)</u> **5.2.2 Durability:** **5.2.3 Closing moment:** **5.2.4 Opening moment:** **5.2.5 Efficiency:** **5.2.6 Closing time:** **5.2.7 Angles of operation:** **5.2.8 Overload performance:** **5.2.9 Temperature Dependence:** **5.2.10 Fluid leakage**: **5.2.11 Damage:** **5.2.12 Latch control**: **5.2.13 Backcheck**: **5.2.14 Delayed closing:** **5.2.15 Adjustable closing force**: **5.2.16 Zero position (double action door closers only):** **5.2.18 Fire/smoke door suitability**:	**Performance:** 500,000 test cycles Pass (size 3) Pass (size 3) >55% (Size 3) Pass Grade 3 > 105° Pass -15°C to +40°C Pass Pass NPD NPD NPD NPD NPD Pass	EN 1154: 1996/A1:2002/AC:2006
<u>Durability of self-closing</u> **5.2.2 Durability:** **5.2.17.1 Corrosion**: **5.2.17.2 Corrosion**:	**<u>Performance:</u>** 500,000 test cycles Grade 3 (96 hours) Pass	EN 1154: 1996/A1:2002/AC:2006
Dangerous Substances Annex ZA3	**Pass:** 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	

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 Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer listed above.

Signed for and on the behalf of the manufacturer:



Mr Neil Morgan
Managing Director
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