

**Construction products regulation 2011 (retained EU law EUR 2011/305) as amended by the construction products (amendment etc.) (EU exit) regulations 2019 and the construction products (amendment etc.) (EU exit) regulations 2020**

**Declaration of Performance (DoP)**

EU Nr.305/2011 (UK)

DoP Number: DOP-SHL-DC53-UK

UKCA Certificate of Conformity number: UK-AD7828

- **Unique identification code of the product-type:** S300 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:** 1121 Warrington Certification Ltd

**Declared Performance:**

Essential Characteristics	Performance:	Harmonised Technical Specification
	Door Mount Pull (Fig 1)	
<b>Self-Closing</b>	<b>Closing door angle suitability:</b> Pass (Grade 3 > 105°) <b>Door closer power size:</b> EN 2-4 <b>Efficiency:</b> >50% (Size 2), >60% (Size 4) <b>Closing time:</b> Pass <b>Suitability for fire/smoke door use:</b> Pass (Grade 1) <b>Safety:</b> Pass (Grade 1) <b>Temperature Dependence -15°C to +40°C:</b> Pass <b>Fluid leakage:</b> Pass <b>Latch control:</b> Pass <b>Backcheck:</b> Pass <b>Adjustable closing force:</b> Pass	EN 1154: 1996/A1:2002/AC:2006
<b>Durability of self-closing</b>	<b>500,000 test cycles:</b> Pass (Grade 8) <b>Corrosion resistance:</b> Pass (Grade 3)	EN 1154: 1996/A1:2002/AC:2006
<b>Dangerous Substances Annex ZA3</b>	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	

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Registered Address:  
 Synergy Hardware Ltd., 3 Lyttleton Court Birmingham Street,  
 Halesowen, West Midlands B63 3HN  
 Tel: 01902 893725  
 Email: [info@synergyhardware.co.uk](mailto:info@synergyhardware.co.uk)  
 Website: [www.synergyhardware.co.uk](http://www.synergyhardware.co.uk)

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



**Declared Performance:**

Essential Characteristics	Performance:	Harmonised Technical Specification
	Frame Mount Push (Fig 61)	
<b>Self-Closing</b>	<b>Closing door angle suitability:</b> Pass (Grade 3 > 105°) <b>Door closer power size:</b> EN 2-4 <b>Efficiency:</b> >50% (Size 2), >60% (Size 4) <b>Closing time:</b> Pass <b>Suitability for fire/smoke door use:</b> Pass (Grade 1) <b>Safety:</b> Pass (Grade 1) <b>Temperature Dependence -15°C to +40°C:</b> Pass <b>Fluid leakage:</b> Pass <b>Latch control:</b> Pass <b>Adjustable closing force:</b> Pass	EN 1154: 1996/A1:2002/AC:2006
<b>Durability of self-closing</b>	<b>500,000 test cycles:</b> Pass (Grade 8) <b>Corrosion resistance:</b> Pass (Grade 3)	EN 1154: 1996/A1:2002/AC:2006
<b>Dangerous Substances Annex ZA3</b>	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	

**Declared Performance:**

Essential Characteristics	Performance:	Harmonised Technical Specification
	Door Mount Push (Fig 6)	
<b>Self-Closing</b>	<b>Closing door angle suitability:</b> Pass (Grade 3 > 105°) <b>Door closer power size:</b> EN 3 <b>Efficiency:</b> >55% (Size 3) <b>Closing time:</b> Pass <b>Suitability for fire/smoke door use:</b> Pass (Grade 1) <b>Safety:</b> Pass (Grade 1) <b>Temperature Dependence -15°C to +40°C:</b> Pass <b>Fluid leakage:</b> Pass <b>Adjustable closing force:</b> Pass	EN 1154: 1996/A1:2002/AC:2006
<b>Durability of self-closing</b>	<b>500,000 test cycles:</b> Pass (Grade 8) <b>Corrosion resistance:</b> Pass (Grade 3)	EN 1154: 1996/A1:2002/AC:2006
<b>Dangerous Substances Annex ZA3</b>	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	

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The performance of the product identified above is in conformity with the set of declared performance(s).  
This declaration of performance is issued under the sole responsibility of the manufacturer listed above.

Signed for and on the behalf of the manufacturer:

A handwritten signature in black ink, appearing to read "N. Morgan".

Mr Neil Morgan

Managing Director

First Issue: 22<sup>nd</sup> September 2022

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