



Construction Products Regulation 2011
DECLARATION OF PERFORMANCE

No. DOP-SHL-DC55
CE Certificate of Conformity number AD5194

In accordance with EU Nr.305/2011 (UK)

- Unique identification code of the product-type: **S500 series Overhead Door closers.**
- 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.**

Declared Performance, Door-mounted pull side (Fig.1)

Essential Characteristics	Performance	Harmonised Technical Specification
Self-Closing	<ul style="list-style-type: none"> • Closing door angle suitability: >=105° Grade 3 • Door closer power size: EN 2-4 • Efficiency: (>50% Size 2), (>60% Size 4) • Closing time: Pass • Suitability for fire/smoke door use: Pass, Grade 1 • Safety: Pass, Grade 1 • Temperature Dependence -15°C to +40°C: Pass • Fluid leakage: Pass • Latch control: Pass • Backcheck: Pass • Delayed action: N/A • Adjustable closing force: Pass 	EN 1154: 1996/A1:2002/AC:2006
Durability of self-closing	<ul style="list-style-type: none"> • 500,000 test cycles: Pass, Grade 8 • Corrosion resistance: Pass Grade 4 	
Dangerous Substances Annex ZA3	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, Door-mounted push side (Fig.6)

Essential Characteristics	Performance	Harmonised Technical Specification
Self-Closing	<ul style="list-style-type: none"> • Closing door angle suitability: >=105° Grade 3 • Door closer power size: EN 2-4 • Efficiency: (>50% Size 2), (>60% Size 4) • Closing time: Pass • Suitability for fire/smoke door use: Pass, Grade 1 • Safety: Pass, Grade 1 • Temperature Dependence -15°C to +40°C: Pass • Fluid leakage: Pass • Latch control: Pass • Backcheck: N/A • Delayed action: N/A • Adjustable closing force: Pass 	EN 1154: 1996/A1:2002/AC:2006
Durability of self-closing	<ul style="list-style-type: none"> • 500,000 test cycles: Pass, Grade 8 • Corrosion resistance: Pass Grade 4 	
Dangerous Substances Annex ZA3	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, Frame-mounted push side (Fig.61)

Essential Characteristics	Performance	Harmonised Technical Specification
Self-Closing	<ul style="list-style-type: none"> • Closing door angle suitability: >=105° Grade 3 • Door closer power size: EN 2-4 • Efficiency: (>50% Size 2), (>60% Size 4) • Closing time: Pass • Suitability for fire/smoke door use: Pass, Grade 1 • Safety: Pass, Grade 1 • Temperature Dependence -15°C to +40°C: Pass • Fluid leakage: Pass • Latch control: Pass • Backcheck: N/A • Delayed action: N/A • Adjustable closing force: Pass 	EN 1154: 1996/A1:2002/AC:2006
Durability of self-closing	<ul style="list-style-type: none"> • 500,000 test cycles: Pass, Grade 8 • Corrosion resistance: Pass Grade 4 	
Dangerous Substances Annex ZA3	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 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". The signature is written in a cursive style with a large, prominent loop at the end of the name.

Mr Neil Morgan
Managing Director
Updated Issue: 16th November 2020