



CONSTRUCTION PRODUCTS REGULATION 2011 DECLARATION OF PERFORMANCE

DoP Number: HUK0001/1

1. Unique identification code of the product-type: AR1500 Series Overhead Door Closer

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR: AR1500 Series Overhead Door Closer

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: For use on fire and smoke compartmentation doors, when fitted in accordance with the manufacturer's fitting instructions.

4. Name, registered trade name or registered trademark and contact address of the manufacturer as required under Article 11(5): ARRONE
HOPPE (UK) Ltd, Gailey Park, Gravelly Way, Standeford, West Midlands, Wolverhampton, WV10 7GW, United Kingdom

5. Where applicable, name and contact address of the 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 harmonised standard.

EN 1154: 1996: A1: 2002 Notified product certification body No. 1121 performed the determination of the product type on the basis of type testing (including sampling); initial inspection of the manufacturing plant and of the factory production control and continuous surveillance; assessment and evaluation of factory production control; and issued the certificate of constancy of performance of the product.

8. European Technical Assessment: N/A

9. Declared performance

Essential characteristic Self closing	Performance	Harmonised technical specification
5.2.1 General Application (overhead door closer)	Door-mounted pull side (Fig 1) Transom-mounted pull side (Fig 61)	EN 1154: 1996: A1: 2002
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Pass size 2-4	
5.2.4 Opening moment	Pass size 2-4	
5.2.5 Efficiency	More than 50% size 2 More than 60% size 4	
5.2.6 Closing time	Pass	
5.2.7 Angles of operation	Grade 3, 105°	
5.2.8 Overload performance	Pass	
5.2.9 Temperature dependence	Pass -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 Backcheck	Pass	
5.2.14 Delayed closing	N/A	
5.2.15 Adjustable closing force	Pass	
5.2.16 Zero position (Double action only)	N/A	
5.2.18 Fire / smoke doors	Pass – see other documents for details	

Essential characteristic Durability of Self Closing	Performance	Harmonised technical specification
5.2.2 Durability	500,000 test cycles	
5.2.17.1 Corrosion	Grade 4: 240 hours	
5.2.17.2 Corrosion	Pass	

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.	
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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 and on behalf of the manufacturer by:



Mr Jason Tonks

Technical Manager

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