

## DOOR CONTROL HARDWARE

### A DIVISION OF FREEMAN & PARDOE ENGINEERING LTD

TYTHING ROAD, ARDEN FOREST INDUSTRIAL ESTATE, ALCESTER, WARWICKSHIRE B49 6ES

TELEPHONE: 01789 762575 FAX: 01789 762673

www.arrow-architectural.com e-mail: info@arrow-architectural.com

### CONSTRUCTION PRODUCTS REGULATION 2011 DECLARATION OF PERFORMANCE

DoP Number: DC00012

**1. Unique identification code of the product-type:**

AX85 VP

**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:**

AX85V/P Single action surface mounted 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 trade mark and contact address of the manufacturer as required under Article 11 (5):**

ARROW ARCHITECTURAL

ARROW ARCHITECTURAL, TYTHING ROAD, ARDEN FOREST IND EST, ALCESTER B49 6ES

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. Please give the Notified Body Number**

EN 1154: 1996: A1:2002 Notified Body No. 1121 issued the EC Certificate

**8. European Technical Assessment:**

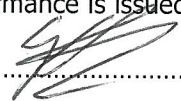
N/A



**9. Declared performance**

<b>Essential characteristic Self Closing</b>	<b>Performance</b>	<b>Harmonised technical Specification</b>
5.2.1. General		EN 1154:1996:A1:2002
Application (o/hd door closer)	Door mounted pull side (Fig 1) Door mounted push side (Fig 6) Transom mounted push side (Fig 61)	
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 60% size 4 More than 55% size 3 More than 50% size 2	
5.2.6. Closing time	Pass	
5.2.7. Angles of operation	Grade 3, 160°	
5.2.8. Overload performance	Pass	
5.2.9. Temperature dependence	-15°C T0 + 40°C	
5.2.10. Fluid leakage	Pass	
5.2.11. Damage	Pass	
5.1.12 Latch control	Pass	
5.1.13. Backcheck	Pass	
5.1.14 Delayed closing	N/A	
5.1.15. Adj closing force	Pass	
5.1.16. Zero position (double action only)	N/A	
5.1.18 Fire/smoke doors	Pass see other documents for details	
<b>Essential characteristic Durability of Self closing</b>	<b>Performance</b>	<b>Harmonised technical specification</b>
5.2.2. Durability	500,000 test cycles	
5.2.17.1 Corrosion	GRADE 3	
5.2.17.2. Corrosion	Pass	
Dangerous Substances Annex ZA3	The materials in the products(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.	

**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 manufacture identified in point 4.

**Signed for and on behalf of the manufacturer by:**.....

MR SIMON GIBBS

TECHNICAL MANAGER

ARROW ARCHITECTURAL

ARDEN FOREST IND ESTATE, ALCESTER, WARKS B49 6ES United Kingdom

Date of Issue 20/02/2013