

CONSTRUCTION PRODUCTS REGULATION 2011 DECLARATION OF PERFORMANCE

ARCTEK-DOP-009

1. Unique identification code of the product-type:	B760
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:	B760 single / double action floor spring
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:	For use on fire and smoke compartmentation doors
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):	ARCTEK INDUSTRIAL CO., LTD No. 1, Sec. 1, Sihai Rd., Beidou Township, Changhua County 521-49, Taiwan, R.O.C.
5. Where applicable, name and contact address of the authorized 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 harmonized standard:	EN 1154: 1996: A1: 2002/AC: 2006 Notified Certification Body No. 2812 performed the type testing and issued test reports.
8. European Technical Assessment:	N/A

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
<u>Self Closing</u>		EN 1154: 1996: A1: 2002 / AC: 2006
5.2.1 General		
5.2.2 Durability	500,000 test cycles	
5.2.3 Closing moment	Pass size 1-4	
5.2.4 Opening moment	Pass size 1-4	
5.2.5 Efficiency	>50% size 1	
	>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	-15°C to +40°C	
5.2.10 Fluid leakage	Pass	
5.2.11 Damage	Pass	
5.1.12 Latch control	Pass	
5.2.13 Backcheck (optional)	NPD	
5.2.14 Delayed closing (optional)	NPD	
5.1.15 Adjustable closing force (optional)	Pass	
5.1.16 Zero position (double action door closers only)	NPD	
5.2.18 Fire / smoke doors suitability	Pass	

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Essential characteristics	Performance	Harmonised technical specification
Durability of Self Closing 5.2.2 Durability	500,000 test cycles	EN 1154: 1996: A1: 2002 / AC: 2006
5.2.17.1 corrosion	Grade 4 (240 hours)	
5.2.17.2 corrosion	Pass	
Dangerous Substances Annex ZA3	Pass: the materials in the hinge 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 manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Jonkan Yang
Plant Manager

ARCTEK INDUSTRIAL CO., LTD
No. 1, Sec. 1, Sihai Rd., Beidou Township,
Changhua County 521-49, Taiwan, R.O.C.

Date: 11st June 2021