

CONSTRUCTION PRODUCTS REGULATION 2011 DECLARATION OF PERFORMANCE

ARCTEK-DOP-007

1. Unique identification code of the product-type:	R580
2. Type, batch or serial number or any other element allowing identification of the construction product	R580 Double action Concealed door devices
3. 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.
4. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 5.	

5. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Self Closing		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 2-4	
5.2.4 Opening moment	Pass size 2-4	
5.2.5 Efficiency	>50% size 2	
	>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)	Pass	
5.2.18 Fire / smoke doors suitability	NO	
Durability of Self Closing		
5.2.2 Durability	500,000 test cycles	
5.2.17.1 corrosion	Grade 3 (96 hours)	
5.2.17.2 corrosion	Pass	

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Essential characteristics	Performance	Harmonised technical specification
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	

Signed for and on behalf of the manufacturer by:



Jonkan Yang
Plant Manager

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