

CONSTRUCTION PRODUCTS REGULATION 2011: **DECLARATION OF PERFORMANCE**

EU Nr. 305/2011 (UK)

DoP Number: HUK0016

CE certificate of conformity number: AC0070

- **Unique identification code of the product-type:** AR8180, AR7070, AR9290 Series Ball Bearing Hinges
- **Intended use or uses:** Fire, smoke compartmentation and escape doors, to fulfill self closing requirements when fitted in accordance with the manufacturers fitting instructions
- **Name of manufacturer:** HOPPE (UK) Ltd, Gailey Park, Standeford, Wolverhampton, WV10 7GW,UK
- **System of assessment product as set out in CPR, Annex V:** System 1
- **Harmonised standard:** EN1935:2002
- **Notified Body / Bodies:** 2812 Element Materials Technology Rotterdam B.V.

Declared Performance

Essential characteristic	Performance:	Harmonised technical specification:
Self Closing	– Initial friction torque with max. door mass 120 kg: 4Nm	EN1935:2002
Static load	– Passed with a displacement under load – Lateral: Pass (Not more than 2mm) – Vertical: Pass (Not more than 4mm) – And a residual displacement after unloading: – Lateral: Pass (Less than 0.1mm) – Vertical: Pass (Less than 0.3mm)	
Overload	– Pass	
Shear strength	– Pass (Not more than 1mm)	
Hinges for use on fire resistant and/or smoke control doors	– Pass	

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Essential characteristic Durability	<ul style="list-style-type: none"> – Passed a 200,000 cycles test with a maximum wear – Lateral: (Less than 0.1mm) – Vertical: (Less than 0.1mm) – With a maximum frictional torque: After 20 cycles 4 Nm – After completion of 200,000 cycles: 4 Nm – Corrosion Resistance: Pass, Grade 4 (240hrs) 	
Dangerous Substances	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.	

Signed for and on behalf of the manufacturer by:



Mr Gerald Ryan
Director
HOPPE (UK) Ltd



Mr Ivor Ng
Head of Sales and Marketing
HOPPE Group