

Approved Body No. 1121

## Certificate of Constancy of Performance

### 1121-CPR-UK-AC7943

In compliance with Construction Products Regulation 2011 (retained EU law EUR 2011/305) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020, this certificate applies to the Construction Product:

### Arrone Grade 13 Stainless Steel Ball Bearing Hinges See Annex A

**Intended use: For use on fire/smoke compartmentation doors, and escape route doors**

Essential characteristics	Performance	Designated standard
Mechanical test evidence: WIL 140486, WIL 140488, WIL 382789, WIL 428365, WIL 398875 & WIL 398875-2 Fire test evidence: WF 141623, WF 400031, WF 175919 iss.4, WF 396693 iss.5		
Self-closing Initial friction torque (door mass 120kg) Static load Load deformation	< 4Nm  Passed with a displacement under load: - lateral < 2mm - vertical < 4mm and a residual displacement after unloading: - lateral < 0.6mm - vertical < 0.3mm - within the shaded area of figure G.1	EN 1935:2002 / AC:2003
Overload	Passed	
Shear strength	Passed with a lateral and vertical displacement after unloading < 3mm	
Hinges for use on fire-resistant and/or smoke-controls doors	Grade 1: suitable for use on fire/smoke resistant door assemblies	
Durability	Passed a 200,000 cycle test with a maximum wear: - lateral < 0.5mm - vertical < 1mm and with a maximum frictional torque. - after 20 cycles < 4Nm - after the completion of 200,000 cycles < 4Nm	
Families of hinges with common design features	The hinges covered by this certificate are listed in Annex A & B	
Corrosion resistance	Grade 4: 240 hours	
Dangerous substances	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 (1)	

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Placed on the market under the name of

**Pendle Doors Ltd  
Anchor Mill  
Moss Fold Road  
Darwen  
Lancashire  
BB3 3AQ  
United Kingdom**

and produced in the manufacturing plant

**E014073-2 – E014073-3**

This is coded format, and the information is held by the Approved Body

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard:

**EN 1935:2002 / AC:2003**

Under System 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the Construction Product.

This certificate was first issued on **06/04/2022** and re-issued on **16/10/2025** and will remain valid as long as neither the designated standard, the Construction Product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, or unless suspended or withdrawn by the Approved Product Certification Body.

UKCA certificate valid to: **03/03/2028**



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A handwritten signature in black ink, appearing to read 'Paul Duggan'.

Paul Duggan  
Certification Manager

**Warringtonfire Testing and Certification Limited  
Unit 722, The Quadrant, Birchwood Park, Warrington, WA3 6FW, UK**

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### Annex A

Model No.	Description
PD-Hinge-201 PD-Hinge-304	102 x 76 x 3mm stainless steel ball bearing hinge Satin stainless steel finish Radiused corners

Hinges available in the following finishes:

SSS Satin stainless steel