

Approved Body No. 1121

Certificate of Constancy of Performance

1121-CPR-UK-AC8019

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:

AVONH3 Series Butt Hinge In Grade 201 Stainless Steel 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 517524 & WIL 508693 Fire test evidence: WF 372741 & WF 375053 iss.3		
Self-closing Initial friction torque (door mass 80kg) Static load Load deformation Overload Shear strength Hinges for use on fire-resistant and/or smoke-controls doors	< 3Nm 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 Passed Passed with a lateral and vertical displacement after unloading < 3mm Grade 1: suitable for use on fire/smoke resistant door assemblies	EN 1935:2002 / AC:2003
Durability Families of hinges with common design features Corrosion resistance	Passed a 200,000 cycle test with a maximum wear: - lateral < 0.5mm - vertical < 1mm and with a maximum frictional torque. - after 20 cycles < 3Nm - after the completion of 200,000 cycles < 3Nm The hinge covered by this certificate is the hinge tested 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

**Avon Joinery Ltd
Unit 6B Roman Way
Rugby
Warwickshire
CV21 1DB
United Kingdom**

and produced in the manufacturing plant.

J/367

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(s)

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 **03/05/2023** 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: **22/03/2025**



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Paul Duggan
Certification Manager

**Warringtonfire Testing and Certification Limited
Suite 302, The Genesis Centre, Birchwood, Warrington, WA3 7BH, UK**

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Annex A

Model Reference	Description
AVONH3-PSS	76 x 67 x 2.5mm stainless steel hinge Polished stainless steel finish Radiused corners
AVONH3-SSS	76 x 67 x 2.5mm stainless steel hinge Satin stainless steel finish. Radiused corners
AVONH3-PVDSB	76 x 67 x 2.5mm stainless steel hinge PVD satin brass finish. Radiused corners
AVONH3-PCB	76 x 67 x 2.5mm stainless steel hinge Powder coated black finish. Radiused corners