

Approved body No. 1121

Certificate of Constancy of Performance

1121-CPR-UK-AC7004

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:

Grade 13 Hinges J9603, J9604, J9606, J9633, J2050, J9603R & J2050R

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

Essential characteristics	Performance	Harmonised technical specification
	<p>Mechanical test evidence: WIL 398371, WIL 398371-1, WIL 398371-2, WIL 398371-3, WIL 398371-4</p> <p>Fire Test Evidence: WF 375207 Iss 3</p>	
<p>Self-closing Initial friction torque (door mass 120kg) Static load Load deformation</p> <p>Overload</p> <p>Shear strength</p> <p>Hinges for use on fire-resistant and/or smoke-controls doors</p>	<p><4 Nm</p> <p>Passed with a displacement under load: -lateral <2 mm -vertical <4 mm and a residual displacement after unloading. -lateral <0.6 mm -vertical <0.3 mm</p> <p>Passed</p> <p>Passed with a lateral and vertical displacement after unloading < 3 mm</p> <p>Grade 1: suitable for use on fire/smoke resistant door assemblies</p>	EN 1935:2002
<p>Durability</p> <p>Families of hinges with common design features</p> <p>Corrosion resistance</p>	<p>Passed a 200,000 cycles test with a maximum wear: -lateral <0,5 mm -vertical <1 mm and with a maximum frictional torque. -after 20 cycles <3 Nm -after the completion of 200,000 cycles <3 Nm The hinge covered by this CPR is the hinge tested</p> <p>Grade 4: 240 hours</p>	EN 1935:2002
Dangerous substances	<p>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)</p>	EN 1935:2002

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Placed on the market under the name of

**Frelan Hardware Ltd
Unit 10 Mitcham Industrial Estate
Streatham Road
Mitcham
Surrey
CR4 2AP**

and produced in the manufacturing plant

J/089

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

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 **14/06/2021** and re-issued on **18/05/2023** 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: **13/06/2024**



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

Paul Duggan
Certification Manager

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