

Notified body No. 2812

Certificate of constancy of performance

2812-CPR-AC5057

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

DP Garg – Plain Joint Butt Hinges See Annex A

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

Essential characteristics	Performance	Harmonised technical specification
	Mechanical test evidence: WIL 391732, 369542, 372533, 369541 Fire Test Evidence: WF 377589	
Self-closing Initial friction torque (door mass 40kg) Static load Load deformation	<4 Nm Passed with a displacement under load: -lateral <4 mm -vertical <2 mm and a residual displacement after unloading. -lateral <0,6 mm -vertical <0,3 mm	EN 1935:2002/AC:2003
Overload Shear strength	Passed Passed with a lateral and vertical displacement after unloading < 3 mm	
Hinges for use on fire-resistant and/or smoke-controls doors	Grade 1: suitable for use on fire/smoke resistant door assemblies	
Durability Families of hinges with common design features Corrosion resistance	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 Grade 2: 48 hours	EN 1935:2002/AC:2003
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)	EN 1935:2002/AC:2003

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Placed on the Market under the name of:

D.P. Garg & Company Pvt. Ltd
B -210B Phase 2,
Noida – 201305
India

and produced in the manufacturing plant

R/001

This is coded format and the information is held by the Notified 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)

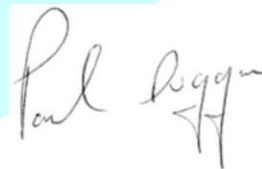
EN 1935:2002/AC:2003

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 16/10/2020 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, or unless suspended or withdrawn by the notified product certification body.

Valid to: **26/09/2021**

ERO Project Reference: **EROWF10198**



Paul Duggan
Certification Manager



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Annex A

Product Code	Product	Metal	Size
MHIN0804076	Butt Hinge Plain Joint	Mild steel	76mm x 76mm x 1.9mm
MHIN2020076	Butt Hinge Plain Joint	Mild steel	76mm x 49mm x 1.9mm
MHIN2020100	Butt Hinge Plain Joint	Mild steel	101mm x 71mm x 1.9mm
MHIN5050075	Butt Hinge Plain Joint	Mild steel	76mm x 46mm x 1.9mm
MHIN5050100	Butt Hinge Plain Joint	Mild steel	101mm x 58mm x 1.9mm
MHIN0451075	Butt Hinge Plain Joint	Mild steel	76mm x 64mm x 2.35mm
MHIN0451100	Butt Hinge Plain Joint	Mild steel	101mm x 76mm x 2.5mm
MHIN451A100	Butt Hinge Plain Joint	Mild steel	101mm x 76mm x 2.85mm
MHIN804R076	Butt Hinge Plain Joint	Mild steel	76mm x 76mm x 1.9mm
MHIN2021076	Butt Hinge Plain Joint	Mild steel	76mm x 49mm x 1.9mm
MHIN2021100	Butt Hinge Plain Joint	Mild steel	101mm x 71mm x 1.9mm
MHIN451R075	Butt Hinge Plain Joint	Mild steel	76mm x 64mm x 2.35mm
MHIN451R100	Butt Hinge Plain Joint	Mild steel	101mm x 76mm x 2.5mm
MHIN4510100	Butt Hinge Plain Joint	Mild steel	101mm x 76mm x 2.85mm
SHIN0453075	Butt Hinge Plain Joint	Stainless steel	76mm x 49mm x 1.9mm
SHIN0453100	Butt Hinge Plain Joint	Stainless steel	101mm x 71mm x 1.9mm
SHIN0451076	Butt Hinge Plain Joint	Stainless steel	76mm x 64mm x 2.35mm
SHIN0451100	Butt Hinge Plain Joint	Stainless steel	101mm x 64mm x 2.5mm
SHIN1451100	Butt Hinge Plain Joint	Stainless steel	101mm x 76mm x 2.5mm
SHIN1452100	Butt Hinge Plain Joint	Stainless steel	101mm x 76mm x 2.85mm
SHIN453R076	Butt Hinge Plain Joint	Stainless steel	76mm x 49mm x 1.9mm
SHIN453R100	Butt Hinge Plain Joint	Stainless steel	101mm x 71mm x 1.9mm
SHIN451R076	Butt Hinge Plain Joint	Stainless steel	76mm x 64mm x 2.35mm
SHIN2451100	Butt Hinge Plain Joint	Stainless steel	101mm x 76mm x 2.5mm
SHIN2452100	Butt Hinge Plain Joint	Stainless steel	101mm x 76mm x 2.85mm
MHIN2020090	Butt Hinge Plain Joint	Mild steel	90mm x 49mm x 1.9mm
MHIN1738090	Butt Hinge Plain Joint	Mild steel	90mm x 49mm x 1.9mm
MHIN5050090	Butt Hinge Plain Joint	Mild steel	90mm x 46mm x 1.9mm
MHIN0451090	Butt Hinge Plain Joint	Mild steel	90mm x 64mm x 2.35mm
MHIN451R090	Butt Hinge Plain Joint	Mild steel	90mm x 64mm x 2.35mm
MHIN451T100	Butt Hinge Plain Joint	Mild steel	101mm x 76mm x 2.5mm
MHIN45RT100	Butt Hinge Plain Joint	Mild steel	101mm x 76mm x 2.5mm
MHIN5451100	Butt Hinge Plain Joint	Mild steel	101mm x 76mm x 2.85mm
MHIN6451100	Butt Hinge Plain Joint	Mild steel	101mm x 76mm x 2.85mm
SHIN2020090	Butt Hinge Plain Joint	Stainless steel	90mm x 49mm x 1.9mm
SHIN1738090	Butt Hinge Plain Joint	Stainless steel	90mm x 49mm x 1.9mm
SHIN0451090	Butt Hinge Plain Joint	Stainless steel	90mm x 64mm x 2.35mm
SHIN451R090	Butt Hinge Plain Joint	Stainless steel	90mm x 64mm x 2.35mm
SHIN3451100	Butt Hinge Plain Joint	Stainless steel	101mm x 76mm x 2.5mm
SHIN4451100	Butt Hinge Plain Joint	Stainless steel	101mm x 76mm x 2.5mm
SHIN5451100	Butt Hinge Plain Joint	Stainless steel	101mm x 76mm x 2.85mm
SHIN6451100	Butt Hinge Plain Joint	Stainless steel	101mm x 76mm x 2.85mm
SHIN6463100	Butt Hinge Plain Joint	Stainless steel	101mm x 71mm x 1.9mm
SHIN6461100	Butt Hinge Plain Joint	Stainless steel	101mm x 64mm x 2.5mm

Brand Names: GARG, GARGS, TUFF, ELITE, SICHERN, BASIC, BASICS, ESSENTIAL, JUPITER, MARS, EXCEL, FIRESTOP, UNIFIX, CENTURION, ASEC, ASEC VITAL, TUFFITE, EUROSTAR, XL, SHEILD, I-CE, ECLIPSE & DEVON.