

**Declaration of Performance
EUROPEAN CONSTRUCTION PRODUCTS REGULATION**

DoP Number:

CAH STAINLESS STEEL BUTT HINGES

1. Unique identification code of the product-type:

- ▲ CBH102 - 4" x 3" x3
- ▲ CBH103 - 4" x 3.5" x3
- ▲ CBH104 - 4" x 4" x3
- ▲ CBH105 - 4.5" x 3" x3

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

- ▲ CBH102 - 4" x 3" x3
- ▲ CBH103 - 4" x 3.5" x3
- ▲ CBH104 - 4" x 4" x3
- ▲ CBH105 - 4.5" x 3" x3

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

For use on fire and smoke compartmentation doors and escape route doors, when fitted in accordance with the manufacturer's fitting instructions

4. Name, registered trade name or registered trademark and contact address of the manufacturer as required under Article 11(5):

Consort Architectural Hardware LTD,
25-31 Lower Loveday Street,
Birmingham B19 3SB
United Kingdom

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN 1935:2002 Notified product certification body No. (Fill in the Notified Body number below) performed the determination of the product type on the basis of type testing (including sampling); initial inspection of the manufacturing plant and of the factory production control and continuous surveillance; assessment and evaluation of factory production control; and issued the certificate of constancy of performance of the product.

Enter Notified Body Number Here

EN 1935: 2002/AC:2003
 Notified Certification body No.2812 performed the type testing and issued test reports
 Certificate of Constancy of Performance -2812-CPR-AC5056

8. European Technical Assessment:

N/A

9. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Self-closing Initial friction torque (door mass 120 kg) 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	Passed	
Shear strength	Passed with a lateral and vertical Displacement under loading <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 cycles test with a maximum wear: -lateral < 0,5 mm -vertical < 1 mm And With Maximum frictional torque. -after 20 cycles < 4 Nm -after the completion of 200,000 cycles <4 Nm	EN 1935:2002/AC:2003
Families of hinges with common design Feature	The hinge covered by this DOP is the hinge tested	
Corrosion resistance	Grade 4 Neutral Salt Spray: 240 h	
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)	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Daleena Alwin
Product Management

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