

**INTERNATIONAL INTERIOR SOLUTIONS LTD.****CONSTRUCTION PRODUCTS REGULATION 2011
DECLARATION OF PERFORMANCE**

DoP No. AC5106-001

1. Unique identification of the product type:

LGAI STAINLESS STEEL HINGES

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:

**LG.LA160.102, LG.LA161.102, LG.LA166.102, LG.LA168.114
37 800.2, 37 801.2, 37 802.2, 37 807.2**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised 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 manufacturers fitting instructions

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

**INTERNATIONAL INTERIOR SOLUTIONS LTD.
PO BOX 254, WIRRAL CH29 9FH, UNITED KINGDOM.**

5. Where applicable, name and contact address of the authorised 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 harmonised standard please give the Notified Body Number:

EN 1935: 2002 NOTIFIED BODY No. 1121 ISSUED THE EC CERTIFICATE

8. European Technical Assessment:

N/A

9. Declaration of performance

Essential characteristics	Performance	Harmonised technical specification
Initial friction torque (max. door mass 120 kg)	Passed with a friction torque no greater than 4Nm	EN 1935:2002
Load deformation	Passed with a displacement under load: -lateral < 2 mm -vertical < 4 mm and a residual displacement after unloading. -lateral < 0.1 mm -vertical < 0.3 mm	
Overload	-no breakage of any hinge leaf, knuckle, barrel or pin nor any cracking or deformation visible to normal or corrective vision -the hinge test element remained connected to the frame	
Shear strength	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	Passed a 200 000 cycles test with a maximum wear: -lateral 0,2 mm -vertical 0,8 mm and with a maximum frictional torque. -after 20 cycles < 4.0 Nm -after the completion of 200 000 cycles < 4.0 Nm	
Corrosion	Passed Grade 4: 240 hrs	
Dangerous substances	Passed: the materials in the product(s) do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations	

Classification code	4	7	6	1	1	4	0	13
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10. The performance of the product identified in points 1 and 2 corresponds to 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

John Jefferies

CEO

International Interior Solutions Ltd.