

Declaration of Performance

CONSTRUCTION PRODUCTS REGULATION 2011 DECLARATION OF PERFORMANCE

No. AL-0000402582

1. Unique identification code of the product-type:
Legge P61029BB/SS

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:
Legge P61029BB/SS
102mm Grade 11 Ball Bearing Hinges – Various Finishes

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
Or
Escape route doors (For other products such as exit devices)

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):
Allegion (UK) Limited
35 Rocky Lane
Aston
Birmingham
B6 5RQ

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 harmonized standard:
EN 1935: 2002
Notified testing laboratory No.1121 performed the type testing and issued test reports.
Certificate of Constancy of Performance - 1121-CPD- AC0052

8. European Technical Assessment:
N/A

9. **Declared performance**

Essential characteristics	Performance	Harmonised technical specification
Self-closing Initial friction torque (door mass 120 kg) Static load Load deformation	< 4,0 Nm 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	EN 1935:2002
Overload	Passed	
Shear strength	Passed with a lateral and vertical displacement after unloading < 1 mm	

Hinges for use on fire-resistant and/or smoke-controls doors	Grade 1: suitable for use on fire/smoke resistant door assemblies. A single leaf steel door having a mass of 120 Kg, fitted with this hinge has passed a fire test to EN 1634-1	
Durability	Passed a 200 000 cycles test with a maximum wear: -lateral < 0,12 mm -vertical < 0,32 mm and with a maximum frictional torque. -after 20 cycles < 4.0 Nm -after the completion of 200 000 cycles < 4.0 Nm	
Families of hinges with common design feature	The hinge covered by this DoP is the hinge tested	
Corrosion resistance	Grade 4: 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:

Chris Crampton
Controller - Unitary EMEA, Finance and Accounting



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28th June 2016