

Declaration of Performance
**CONSTRUCTION PRODUCTS REGULATION 2011
DECLARATION OF PERFORMANCE**
No. AL-0000402583

1. Unique identification code of the product-type:

Briton
4801, 4802, 4803, 4801.316, 4802.316, 4803.316
4801M, 4802M, 4803M, 4801M.316, 4802M.316, 4803M.316
Briton
Y4801, Y4802, Y4803, Y4801.316, Y4802.316, Y4803.316
Y4801M, Y4802M, Y4803M, Y4801M.316, Y4802M.316, Y4803M.316

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:

Briton
4801, 4802, 4803, 4801.316, 4802.316, 4803.316
4801M, 4802M, 4803M, 4801M.316, 4802M.316, 4803M.316
Briton
Y4801, Y4802, Y4803, Y4801.316, Y4802.316, Y4803.316
Y4801M, Y4802M, Y4803M, Y4801M.316, Y4802M.316, Y4803M.316

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/AC:2003
Notified testing laboratory No.0359 performed the type testing and issued test reports.
Certificate of Constancy of Performance - 0359-CPR-00004-01

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 with door mass 120kg Passed with a displacement under load: -lateral < 4 mm	EN 1935:2002/AC:2003

<p>Overload</p> <p>Shear strength</p> <p>Hinges for use on fire-resistant and/or smoke-controls doors</p>	<p>-vertical < 2 mm and a residual displacement after unloading. -lateral < 0,2 mm -vertical < 0,3 mm</p> <p>Passed</p> <p>Passed with a lateral and vertical deformation under loading <3mm Additional lateral and vertical displacement after unloading < 1 mm</p> <p>Grade 1: suitable for use on fire/smoke resistant door assemblies. 30 & 60 minute Timber doors.</p>	
<p>Durability</p> <p>Families of hinges with common design feature</p> <p>Corrosion resistance</p>	<p>Passed a 200 000 cycles test with a maximum wear: -lateral < 0,2 mm -vertical < 1,0 mm Maximum frictional torque. -after 20 cycles < 4.0 Nm -after the completion of 200 000 cycles < 4.0 Nm</p> <p>The hinge covered by this DoP is the hinge tested</p> <p>Grade 4 Neutral Salt Spray (NSS) : 240 h</p>	
<p>Dangerous substances</p>	<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>	

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 EMEIA, Finance and Accounting



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8th May 2018