

Notified Body No. 2812

## Certificate of Constancy of Performance

**2812-CPR-AC5075**

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:

### SINGLE AXIS FIXED PIN 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 363758, 363761  Fire Test Evidence: WF 380223	
Self-closing Initial friction torque (door mass 120kg) 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
Overload	Passed	
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 <0,5 mm -vertical <1 mm and with a maximum frictional torque. -after 20 cycles <3 Nm -after the completion of 200,000 cycles <3 Nm	EN 1935:2002
Families of hinges with common design features	The hinge covered by this CPR is the hinge tested	
Corrosion resistance	Grade 4: 240 hours	
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

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Placed on the market under the name or trade mark of

**Allegion UK Limited  
35 Rocky Lane  
Aston  
Birmingham  
B6 5RQ**

and produced in the manufacturing plant

**J/039**

**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 described in Annex ZA of the standard(s):

**EN 1935:2002/AC:2003**

Under System (1+ or 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 **21/12/2021** 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.

CE Marking certificate valid to: **05/05/2024**

ERO Project Reference: **ERO 034621 P 1232**



Paul Duggan  
Certification Manager

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### Annex A

4801.304.SS	4801.304.NS.SS	4801.304.PS
4802.304.SS	4802.304.PS	4803.304.SS
4803.304.PS	4811.304.SS	4813.304.SS
4813.304.PS	4811.304.PS	

CSF408-NL 7.0