

Declaration of performance

**CONSTRUCTION PRODUCTS REGULATION 2011
DECLARATION OF PERFORMANCE**

No. DoP / Hinge 001

1. Unique identification code of the product-type:
Mila Evolution 3D adjustable door hinge
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:
Mila Evolution 3D adjustable door hinge
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
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):
Mila Hardware, 1 Brunel Close, Drayton Fields Industrial Estate, Daventry, Northampton, NN11 8RB
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 CoCoP certificate number 1121-CPR-AC5036
8. European Technical Assessment:
N/A

9. **Declared performance**

Essential characteristics	Performance	Harmonised technical specification
Self-closing Initial friction torque (door mass 60 kg) Static load Load deformation Overload Shear strength	< 3,0 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 Passed Passed with a lateral and vertical displacement after unloading < 3 mm	EN 1935:2002

Durability Families of hinges with common design feature	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 < 3.0 Nm -after the completion of 200 000 cycles < 4.0 Nm The hinge covered by this DoP is the hinge tested	
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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:

SL Cooke

Mr Strafford Cooke

Technical Manager of Mila Hardware LTD

02/02/2016

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