

**CONSTRUCTION PRODUCTS REGULATION (EU) 305/2011
DECLARATION OF PERFORMANCE**

DoP N°: DSAH001 (revision 2)



1. Unique identification code of the product type:

Single Axis 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:

**1500-01 (White Finish)
1506-37 (Chrome Finish)**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

On fire/smoke compartmentation doors fitted with door closing devices (to enable such doors to close reliably and thus achieve self closing in the event of fire)

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

ERA Home Security
Straight Road
Short Heath
Willenhall
West Midlands
WV12 5RA
United Kingdom

Tel: +44 (0) 1922 490049
Fax: +44 (0) 1922 494420

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

8. European Technical Assessment:

N/A

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
<p>Self-closing 5.1 Initial friction torque measurements (door mass 60kg) 5.2 Static load 5.2.1 Load deformation 5.2.2 Overload 5.3 Shear strength 5.6 Hinges for use on fire-resistant and/or smoke-control doors</p>	<p>< 3,0 Nm with hinge grade 13 -lateral displacement under load < 2 mm -vertical displacement under load < 4 mm -residual displacements after unloading: lateral <0,1 mm and vertical <0,3 mm -there is no breakage of any component nor any cracking visible to normal or corrected vision -There is no breakage of any hinge leaf, knuckle, barrel or pin nor any cracking or deformation visible to normal or corrected vision - the hinged test element has remained connected to the frame -There is no breakage of any hinge leaf, knuckle, barrel or pin nor any cracking or lateral deformation greater than 3 mm - Grade 1: suitable for use on fire/smoke resistant door assemblies</p>	<p align="center">EN 1935:2002</p>
<p>Durability 5.4 Durability 5.8 Families of hinges with common design features 5.5 Corrosion resistance</p>	<p>Grade 7: 200 000 test cycles -lateral wear <0,2 mm -vertical wear <0,8 mm -maximum frictional torque after 20 and after 200 000 test cycles < 3 N The hinge the performance of which is declared in this DoP is equal to the sample which has passed the initial type test Grade 3: high corrosion resistance (96 hours)</p>	
<p>Dangerous substances Note 1 of ZA.1</p>	<p>The materials in this product do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations</p>	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

The 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:

Ben Penson: Technical Director

A rectangular box containing a handwritten signature in blue ink. The signature is stylized and appears to be 'Ben Penson'. Below the box is a horizontal dotted line.

05 08 2013

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