

Securefašt

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

DoP N° 0022-AEM0351 - 0352 - 0361 - 0362

1. Unique identification code of the product type:

Separate electrically powered hold-open device

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:

**AEM0351, AEM0352, AEM0362, AEM0363 Hold Open Magnets
AEMS003, AEMS004 Floor Mounted Brackets**

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

On fire and smoke compartmentation doors (to fulfil the ability to release requirement)

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

**Securefast plc
Unit 6, The Cedar Business Centre
Avon Road, Cannock, Staffs, WS11 1QJ United Kingdom
Tel: +44 (0) 1543 501 600
Fax: +44 (0) 1543 501 601**

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 1155:1997+A1:2002
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>Ability to release</p> <p>5.1.2</p> <p>5.1.3</p> <p>5.1.4</p> <p>5.1.5</p> <p>5.1.6</p> <p>5.2.1 General</p> <p>5.2.2 Electrical release</p> <p>5.2.5 Angle of hold-open</p> <p>5.2.6 Manual release</p> <p>5.2.7 Continuous hold-open</p> <p>5.2.8 Overload performance</p> <p>5.2.9 Delayed release (optional)</p> <p>5.2.10 Electrical performance</p> <p>5.2.11 Temperature rise</p>	<p>Manual and electrical release of the door possible from any hold open angle</p> <p>The device is designed in such a way that its release can not be inhibited</p> <p>Rated supply voltage 24 V DC with a ripple < 30%</p> <p>The terminals for external electrical connections clamp the conductors with sufficient pressure without damaging them</p> <p>Inlet openings for external wirings allow to introduce and secure the cables without damage</p> <p>When the electrical supply is removed or reduced to 10% of the rated value the device releases The device releases in less than 3 sec when the supply is disconnected</p> <p>This requirement does not apply to this device</p> <p>The moment required to release the door manually from a 90° hold-open position is 100 Nm</p> <p>This requirement does not apply to this device</p> <p>The device withstands an overload test drop weight of 27 Kg without fracture of any component or loosening of fixing</p> <p>The device is not provided with this function</p> <p>The manual release is verified at the rated supply voltage</p> <p>At the rated supply voltage plus 15%: -operating coils/windings < 55 °C -terminals for external connections and external case/exposed surface < 25 °C</p>	<p>EN 1155:1997+ A1:2002</p>	
<p>5.2.12 Damage</p>	<p>Throughout the test, there is no damage which would adversely affect the performance of the device.</p>		
<p>5.2.13 Fire/smoke door suitability</p>	<p>Grade 1: suitable for use on fire/smoke compartmentation doors</p>		
<p>Durability of ability to release</p> <p>5.2.4</p> <p>5.2.14.1</p> <p>5.2.14.2</p>	<p>50 000 test cycles</p> <p>Grade 3 high resistance (96 hours)</p> <p>After being subjected to the salt spray test the device meets the requirement "Electrical release" of clause 5.2.2</p>		

Dangerous substances Clause ZA.3	The materials in this product do not contain or release any dangerous substances in excess of the maximum levels specified in existing t European material standards or any national regulations	EN 1155:1997+ A1:2002
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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:



Mr Kevin O'Reilly DipGAI MInstAI RegAI
 Operations Director

31st May 2013

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 United Kingdom