

Construction Products Regulation

Declaration of Performance

According to Annex III of the Regulation (EU) No 305/2011



No. EM1224CPR01.07.13

Name of the Product: EM1224

From 1st July 2013, CE Marking of construction products covered by harmonised European Standards is mandatory.

Rutland is committed to exceed the requirements to ensure our customers are confident with their new obligations and responsibilities.

1. Unique identification code of the product-type:

EM1224 Electro-magnetic Door Holder

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:

EM1224

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/smoke swing doors

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

Rutland UK, Whittington Way, Chesterfield, S41 9AG, United Kingdom

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 3 for the reaction to fire

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

The notified body Exova Warringtonfire, identification number 0833, performed the determination of the product-type on the basis of type testing under system 3 and issued: a test report No 167643/12V.

The notified body Exova Warringtonfire, identification number 0833, performed the determination of the class regarding reaction to fire on the basis of product testing under system 3 and issued: a test report No 167643/12V.

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not relevant

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Ability to release		
5.1.2	PASS - Manual and electrical release of the door possible from any hold open angle	
5.1.3	PASS - The device is designed in such a way that its release cannot be inhibited	
5.1.4	---	
5.1.5	PASS - The terminals for external electrical connections clamp the conductors with sufficient pressure without damaging them	
5.1.6	PASS - Inlet openings for external wirings allow to introduce and secure the cables without damage	
5.2.1 General	PASS – Size 7, 160Kg, 88.70 Nm	
5.2.2 Electrical release	PASS – Release within 3 seconds of power removal. Release before voltage drops to 2.4 volts.	EN 1155:1997+ A1:2002
5.2.5 Angle of hold-open	PASS – 95 degrees.	
5.2.6 Manual release	PASS – Holds for 5 seconds and releases at 48.4Nm within 5 s.	
5.2.7 Continuous hold-open	This requirement does not apply to this device	
5.2.8 Overload performance	PASS - The device withstands an overload test drop weight of 36 Kg without fracture of any component or loosening of fixing after 5 drops.	
5.2.9 Delayed release (optional)	The device is not provided with this	

5.2.10 Electrical performance	function The manual release is verified at the rated supply voltage	
5.2.11 Temperature rise	PASS - At the rated supply voltage plus 15%: -operating coils/windings < 55 °C -terminals for external connections and external case/exposed surface < 25 °C	
5.2.12 Damage	Compliance - No	
5.2.13 Fire/smoke door suitability	Grade 1: suitable for use on fire/smoke compartmentation doors	
Durability of ability to release		
5.2.4	Compliance - No	
5.2.14.1	Not Tested	
5.2.14.2	Not Tested	
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

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:

IAN HUGHES

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Ian Hughes (Managing Director)

Issued by Rutland UK (S41 9AG) on 28.06.13
(Place and date of issue)

Ian Hughes

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(Signature)