FRELAN HARDWARE The name of quality architectural hardware

CONSTRUCTION PRODUCTS REGULATION 2011
DECLARATION OF PERFORMANCE

DoP Number:

JL1002

1. Unique identification code of the product-type:

JL-DE60 JL-DN60 72mm Din lock Emergency Exit 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:

JL-DE60 JL-DN60 72mm Din lock Emergency Exit Device
Finishes: SSS/PSS
Radius forends and strikes

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

For use on escape route doors, when fixed in accordance with the manufacturers fitting instructions

For use on fire and smoke compartmentation doors, when fixed in accordance with the manufacturers fitting instructions

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

JEDO
Frelan Hardware Ltd Unit 10 Mitcham Industrial Estate , Mitcham, Surrey CR4 2AP , 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 1

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

EN 179:2008. Notified product certification body No. (Fill in the Notified Body number below) performed the determination of the product type on the basis of type testing (including sampling); initial inspection of the manufacturing plant and of the factory production control and continuous surveillance; assessment and evaluation of factory production control; and

issued the certificate of constancy of performance of the product.

Enter Notified Body Number Here
2812

8. European Technical Assessment:

N/A

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Clause 4.2.1 Ability to release (for doors on escape routes)		EN 179:2008
Release function	Less than 1 sec	
Release operation	Pass	
Lever handle design	Pass	
Push pad design	N/A	
Double doorset	N/A	
Exposed edges and corners	More than 0.5mm	
Push pad installation	N/A	
Lever handle installation	X More than 120mm, Z More than 150mm	
Operating element projection	W Less than 100mm	
Operating element face (Lever handle)	V More than 18mm	
Lever handle free end	U More than 40mm, W Less than 100mm, a Less than 30°	
Operating element face (Push pad)	More than 1400mm²	
Lever handle operating gap	Pass	
Push pad operating gap	N/A	
Test rod	Pass	
Push pad release operation	N/A	
Accessible gap	Pass	
Door free movement	Pass	
Top vertical bolt	Pass	
Keepers	Pass	
Keepers dimensions	H - not more than 15 mm M - not more than 45° P - not more than 3 mm	
Door mass and dimensions	Mass Less than or Equal to 200 kg Height Less than or Equal to 2520 mm Width Less than or Equal 1320 mm	
Outside access device	Pass	
Release forces	Pass Type A Less than 70 N	
Security requirement	Grade 4	

Essential characteristics	Performance	Harmonised technical specification
Clause 4.2.1 Durability of ability to release against aging and degradation		**EN 179:2008 (for doors on escape routes)**
Corrosion resistance	Grade 3 96 hrs	
Temperature range	Operating forces at -10°C and + 60°C Less than 50% in excess of the operating forces at +20°C	
Covers for vertical rods	---	
Lubrication	Lubrication every 20 000 cycles	
Re-engagement force	Less than 50 N	
Durability	Grade 7 200 000 cycles	
Abuse resistance - Lever handle	500 N & 1000N	
Abuse resistance - Vertical rod	500 N	
Final examination	Type A Less than 70 N	
Clause 4.2.1 Self closing ability C (for fire/smoke doors on escape routes)		
Re-engagement force	Less than 50 N	
Clause 4.2.1 Durability of self closing ability C against aging and degradation (for fire/smoke doors on escape routes)		
Durability	Grade 7: 200 000 cycles	
Re-engagement force	Less than 50 N	
Clause 4.2.1 Resistance to fire E (integrity) and I (insulation) (for fire doors on escape routes)		
Declared performance for suitability of emergency exit devices for use on fire resisting doorsets or assemblies (for fire doors on escape routes) - Additional requirements	Grade B: Suitable for use on fire/ smoke door assemblies	
Clause 4.1.25 Control of Dangerous substances	The materials in the product(s) do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.	

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:



Andrew McMeechan

Product development

Date of issue: 26/07/2021

Unit 10 Mitcham Industrial Estate
Mitcham, Surrey CR4 2AP
United Kingdom

This Declaration of Performance is issued on a standard template provided by the GAI for use in the door and hardware industries. There is no implied endorsement of the content, which is the responsibility of the issuing company.

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