

**CONSTRUCTION PRODUCT REGULATION 2011
DECLARATION OF PERFORMANCE**

No. 000331

1. *Unique identification code of the product-type:*

Panic 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:*

Panic Exit Device: 4201R-32D, 4201R-ALM, 4201S-32D, 4201S-ALM

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

Escape Route Doors

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

Hager Companies
139 Victor St.
St. Louis, MO 63104
USA

5. *Where applicable, name and contact address of the authorized 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:*

EN1125:2008

Notified testing laboratory No. 0359 performed the type testing and issued testing reports.
Certificate of Constancy of Performance – 0359-CPR-000331-01

8. *European Technical Assessment:*

N/A

9. Declaration of performance:

Product:	Panic exit devices (4201R-32D, 4201R-ALM, 4201S-32D, 4201S-ALM)	
Intended uses:	For doors on escape routes.	
Requirement / characteristic	Requirement clauses in this European Standard	Results
Ability to release (for doors on escape routes)	4.1.2 Release function	< 1 second
	4.1.3 Panic exit device mounting	Surface mounted on inner face of door leaf.
	4.1.5 Exposed edges and corners	No sharp edges
	4.1.7 Double doorset	Pass
	4.1.9 Bar installation	Z < 150 mm
	4.1.10 Bar length	X/Y > 60%
	4.1.11 Bar projection	Standard projection Category 2: W < 100 mm
	4.1.12 Bar end	The operating bar does not protrude beyond either of the end support brackets
	4.1.13 Operating bar face	V > 18 mm
	4.1.14 Test rod	Pass, The device does not trap the test rod in any position of the operating bar
	4.1.15 Door face gap	R > 25 mm
	4.1.16 Accessible gap	The test piece placed in any accessible gap cannot prevent the correct operation of the device
	4.1.17 Door free movement	The device does not include any element impeding the free movement of the door once it is released
	4.1.18 Top vertical bolt	Pass (4201S-ALM, 4201S-32D only)
	4.1.20 Keepers	The keeper protects the door frame from the damage caused by the door closing and opening
	4.1.21 Keepers dimensions	Pass (4201S-ALM, 4201S-32D only)
	4.1.23 Door mass and dimensions	Mass 200 Kg, height ≤ 2500 mm, width 650 to 1320 mm (dimensions mechanical only)
	4.1.24 Outside access device	Pass(Where included as part of test)
4.2.2 Release forces	< 80 N with the door unloaded < 220 N with the door loaded with 1 000 N	
4.2.7 Security requirement	Grade 2: the device remains locked when a force of 1 000 N is applied to the door	

Durability of ability to release against aging and degradation (for doors on escape routes)	4.1.4; 4.2.9 Corrosion resistance	Grade 4: Very high resistance (240 hours)
	4.1.6 Temperature range	-10°C; +60°C
	4.1.19 4.2.6 Covers for vertical rods	NPD (No Declare Performance)
	4.1.22 Lubrication	Refer to Manufacturer's Maintenance Instructions
	4.2.3 Re-engagement force	< 50 N
	4.2.4 Durability	Grade 7 200 000 test cycles
	4.2.5 Abuse resistance – Horizontal bar	Pass
	4.2.6 Abuse resistance –Vertical rod	Pass (4201S-ALM, 4201S-32D only)
4.2.8; 4.2.2; 4.1.17 Final examination	The device is released with a force < 80 N, with the door unloaded, and < 220 N, with the door loaded with 1 000 N, and the door moves freely	
Self closing ability C (for fire/smoke doors on escape routes)	4.2.3 Re-engagement force	< 50 N
Durability of self closing ability C against aging and degradation (for fire/smoke doors on escape routes)	4.2.4 Durability	Grade 7 200 000 test cycles
	4.2.3 Re-engagement force	< 50 N
Resistance to fire E (integrity) and (insulation) (for fire doors on escape routes)	4.1.8; Annex B Suitability of panic exit devices for use on fire/smoke resisting door assemblies –	Grade B: suitable for use on fire/smoke resisting door assemblies (see Table A3).
Control of Dangerous substances	4.1.25 dangerous substances	No dangerous substances declared for this product/intended use

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 manufacture identified in point 4.

Signed for and on behalf of the manufacture by:

Hager Companies
139 Victor St.
St. Louis, MO 63104
USA



Mark McRae
Director of Engineering

8th December 2016