

**REGULATION OF CONSTRUCTION PRODUCTS 305/2011 - DECLARATION OF PERFORMANCE**

n°	<b>001-CPR-2013-07-01</b>	rev. 0.0
1.	Unique identification code of the product-type <b>Panic exit device Panama PUSH</b>	
2.	Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4) 8212 – 8215 – 8222 – 8232 – 8235 – 8222K – 8235K – 8039 – 8140 – 8140X – 8145 – 8145X – 8146 – 8171 – 8415 – 8415X – 8260 – 8262 – 8280 – 8400 – 8401 – 8406X – 8410 – 8430 – 8435 – 8435X – 8450 – 8452 – 8454 – 8480 – 8481 – 8500 – 8503 – 8504F – 85411 – 8505 – 8505F – 8506 – 8520 – 8520A – 8525 – 8526 – 8527 – 8529 – 8529F – 8540X – 8542X – 8565 – 8240 – 8242 – 8250 – 8405 – 8440 – 8442 – 8444 – 8535 – 8500K – 8504 – 8508 – 8105XK – 8242K – 8262K – 8415K – 8435K – 8452K – 8503K – 8525K – 8527K – 8540XK – 8821 – 8821F – 8822 – 8822D – 8822F – 8823 – 8823D – 8823DL – 8823F – 8851 – 8852 – 8853 – 8861 – 8862 – 8863 – 8880 – 8885 – 8890 – 8891 – 8892 (K: variant for stainless steel finish)	
3.	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification as foreseen by the manufacturer <b>Use on standard or smoke doors on escape routes</b>	
4.	Name, registered trade name or registered mark and contact address of the manufacturer as required pursuant to Article 11(5) <b>FAPIM S.p.A. - Via delle Cerbaie, 114 – 55011 Altopascio (LU) – Italy</b> Phone +39 0583 2601 – fax +39 0583 25291 – e-mail: <a href="mailto:info@fapim.it">info@fapim.it</a> – <a href="http://www.fapim.it">www.fapim.it</a>	
5.	Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 § 2	<b>Not applicable</b>
6.	System or systems of assessment and verification of the constancy of performance of the construction product as set out in Annex V	<b>System 1</b>
7.	In case of the declaration of performance concerning a construction product covered by a harmonised standard the notified factory product control certification body <b>ICIM S.p.A. - n° 0425</b> with headquarters in Piazza Don Mapelli, 75 – 20099 Sesto San Giovanni (MI) – Italy under system <b>1</b> has performed the: ■ determination of the product type on the basis of type testing (including sampling) of the product, ■ initial inspection of the manufacturing plant and of factory production control, ■ continuous surveillance, the assessment and evaluation of factory production control and has issued the certificate of constancy of performance, n° 685	
8.	In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued	<b>Not applicable</b>

DECLARED PERFORMANCE		
Essential characteristics	Performance	Harmonised technical specification
<b>Ability to release (for doors on escape routes) § 4.2.1</b>		EN 1125:2008
§ 4.1.2 release function	≤ 1 s	
§ 4.1.3 panic exit device mounting	The device is mounted on the inside face of the door	
§ 4.1.5 exposed edges and corners	≥ 0,5 mm	
§ 4.1.7 double doorset	The design of the device allows both leaves to be opened simultaneously	
§ 4.1.9 bar installation	Z ≤ 150 mm	
§ 4.1.10 bar length	X ≥ 60% Y	
§ 4.1.11 bar projection	Grade 2: W ≤ 100 mm	
§ 4.1.12 bar end	The operating bar doesn't protrude beyond either of the end support of the brackets	
§ 4.1.13 operating bar face	V ≥ 18 mm – V ~ 50 mm	
§ 4.1.14 test rod	The device doesn't trap the test rod Ø 10 mm	
§ 4.1.15 door face gap	R ≥ 25 mm	
§ 4.1.16 accessible gap	The test piece (10x15x20 mm) doesn't prevent correct operation of the device	

DECLARED PERFORMANCE		
Essential characteristics	Performance	Harmonised technical specification
§ 4.1.17 door free movement	The device doesn't impede the free movement of the door once it has been released	EN 1125:2008
§ 4.1.18 top vertical bolt	Releasing the bottom vertical rod bolt head doesn't release the top vertical rod bolt head	
§ 4.1.20 keepers	Keepers provide protection for any part of the door or frame that could be damaged by the panic exit device during the opening and closing cycle of the door	
§ 4.1.21 keepers dimensions	$H \leq 15 \text{ mm}$ ; $M \leq 45^\circ$ ; $P \leq 3 \text{ mm}$	
§ 4.1.23 door mass and dimensions	Door mass: up to 200 kg; Maximum door height: 2520 mm Maximum door width: 1320 mm	
§ 4.1.24 outside access device	The outside access device is not operable from the inside	
§ 4.2.2 release forces	$F \leq 80 \text{ N}$ not under pressure; $F \leq 220 \text{ N}$ under pressure	
§ 4.2.7 security requirement	Grade 2: $F = 1000 \text{ N}$	
Durability of ability to release against aging and degradation (for doors on escape routes) § 4.2.1		
§ 4.1.4 – 4.2.9 corrosion resistance	Grade 4 (240 h) – very high resistance, according to EN 1670	EN 1125:2008
§ 4.1.6 temperature range	Verified the working at -10 °C e +60 °C with no more than 50 in excess of the operating forces measured at 20 °C	
§ 4.1.19 – 4.2.6 covers to vertical rods	$F \geq 500 \text{ N}$	
§ 4.1.22 lubrication	Lubrication every 20.000 cycles according to the instructions of the device	
§ 4.2.3 re-engagement force	$F \leq 50 \text{ N}$	
§ 4.2.4 durability	Grade 7: 200.000 cycles	
§ 4.2.5 abuse resistance – horizontal bar	The bar withstands and is still operable after a force of 1000 N	
§ 4.2.6 abuse resistance – vertical rod	$F \geq 500 \text{ N}$	
§ 4.2.8 – 4.2.2 - 4.1.17 final examination	$F \leq 80 \text{ N}$ not under pressure; $F \leq 220 \text{ N}$ under pressure Verified the free movement of the door	
Self closing ability C (for fire / smoke doors on escape routes) § 4.2.1		
§ 4.2.3 re-engagement force	$F \leq 50 \text{ N}$	EN 1125:2008
Durability of self closing ability C against aging and degradation (for fire / smoke doors on escape routes) § 4.2.1		
§ 4.2.4 durability	Grade 7: 200.000 cycles	EN 1125:2008
§ 4.2.3 re-engagement force	$F \leq 50 \text{ N}$	EN 1125:2008
Resistance to fire E (integrity) and I (insulation) (for fire doors on escape routes) § 4.2.1		
§ 4.1.8 – annex B Suitability of panic exit devices on fire resisting doorsets assemblies – additional requirements	Grade A – panic exit device suitable for smoke and standard doorsets, without any characteristic for fire doorsets. Panic exit device not suitable for fire doorsets	EN 1125:2008
Control of dangerous substances		
§ 4.1.25 – note 2 of clause ZA.1	Materials in products don't contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations	EN 1125:2008

Classification of the device					Regulation 305/2011		Art. 6 § 3 - d		
3	7	6	A	1	4	2	2	B	A
Category of use	Durability	Mass of the door	Fire / smoke suitability	Safety	Corrosion resistance	Security	Projection of horizontal bar	Type of horizontal bar operation	Field of door application

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.								
	Name	Eng. Raffaele Vezzosi							
	Function	Quality System and Product Certification manager							
Altopascio, 2013/07/01									