

REGULATION OF CONSTRUCTION PRODUCTS 305/2011 - DECLARATION OF PERFORMANCE

n°	018-CPR-2018/11/07	rev. 0.1
1.	<p>Unique identification code of the product-type</p> <p>Panic exit device OLTRE BAR</p> <p>8016 – 8023 – 8036 – 8039A – 8041 – 8101 – 8106 – 8106X – 8170A – 8401I – 8416 – 8436 – 8451 – 8453 – 8480A – 8500A – 8503A – 8504FA – 8505A – 8508 – 8520 – 8520A – 8525A – 8526A – 8527A – 8529A – 8540XA – 8542XA – 8544 – 8595 - 8351A – 8352A – 8353A – 8361A – 8106K – 8362A – 8363A – 8364A – 8370A – 8370B – 8370C – 8370D – 8375 – 8380A – 8380B – 8382 – 8504FK – 8504X – 8542AX – 8023K – 8036K – 8041K – 8106XK – 8416K – 8436K – 8453K – 8500AK – 8503AK – 8525AK – 8527AK – 8540XAK – 8521 – 8521A – 8311I – 8100 – 8100I – 8105 – 8105I – 8170 – 8450 – 8450I – 8452 – 8452I – 8480 – 8500 – 8500I – 8503 – 8503I – 8504F – 8504FI – 8505 – 8505I – 8525 – 8525I – 8526 – 8527 – 8527I – 8529 – 8529I – 8540X – 8540XI – 8542X – 8542XI – 85411 – 8105K – 8105XK – 8500K – 8503K – 8525K – 8527K – 8540XK – 8565 – 8452K – 8401 – 8440I – 8442I – 8880</p> <p>Kit: 8804 – 8805 – 8806 – 8806L – 8844 – 8845 – 8846 – 8894A – 8895A</p> <p>X: stainless steel finish - K: single pack</p>	
2.	Intended use	Use on standard or smoke doors on escape routes
3.	Manufacturer	FAPIM S.p.A. – Via delle Cerbaie, 114 – 55011 Altopascio (LU) – Italy
4.	System AVCP	System 1
5.	Harmonised standard	UNI EN 1125:2008
6.	Notified body	n° 0497 - CSI S.p.A. - Viale Lombardia, 20 – 20021 Bollate (MI) – Italy

DECLARED PERFORMANCE		
Essential characteristics	Performance	Harmonised technical specification
Ability to release (for doors on escape routes) § 4.2.1		
§ 4.1.2 release function	≤ 1 s	UNI EN 1125:2008
§ 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 = 30 mm	
§ 4.1.14 test rod	The device doesn't trap the test rod Ø 10 mm	
7. § 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	
§ 4.1.17 door free movement	The device doesn't impede the free movement of the door once it has been released	
§ 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 ≤ 15 mm; M ≤ 45°; P ≤ 3 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 ≤ 80 N not under pressure; F ≤ 220 N under pressure	
§ 4.2.7 security requirement	Grade 2: F = 1000 N	

DECLARED PERFORMANCE			
Essential characteristics	Performance	Harmonised technical specification	
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 5 (480 h) – exceptionally high, according to EN 1670	UNI 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 ≥ 500 N		
§ 4.1.22 lubrication	Lubrication every 20.000 cycles according to the instructions of the device		
§ 4.2.3 re-engagement force	F ≤ 50 N; F = 2,5 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 ≥ 500 N		
§ 4.2.8 – 4.2.2 - 4.1.17 final examination	F ≤ 80 N not under pressure; F ≤ 220 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 ≤ 50 N; F = 2,5 N		
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		
§ 4.2.3 re-engagement force	F ≤ 50 N; F = 2,5 N		
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		
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		

Classification of the device				Regulation 305/2011				Art. 6 § 3 – d	
3	7	6	A	1	5	2	2	A	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

8.	The performance of the above product complies with the declared performances. According to the (UE) regulation 305/2011, the current declaration of responsibility is issued under the sole responsibility of the above mentioned manufacturer	
	Name	Eng. Raffaele Vezzosi
	Function	Quality System and Product Certification manager
	Altopascio, 2018/11/07	