

**IMPORTANT**

The features of this product are of the utmost importance for people's safety. Do not modify the product and follow the assembling instructions scrupulously.

**1 – Application range**

The application range of this panic bolt is limited as follows:

Maximum mass of the door	Maximum height of the door	Maximum length of the door	Minimum and maximum working temperatures
200 Kg	2.520 mm	1.320 mm	- 10° C / +60°C

The effective length of the operating bar, reference X, must be as close as possible to the door opening, reference Y, anyway, never less than 60% of it. This panic bolt cannot be fitted on swing doors and has to be assembled in such a way as to keep the bar between 900 and 1100 mm from the floor. If most users are children, the possibility to reduce bar height should be also considered.

**2 – Advices for correct installation and assembly**

- This panic bolt has been manufactured in conformity with the EN 1125:2008 standards. High safety degree for both people and things is provided if it is installed on doors and frames in good conditions.
- Make sure that the door has been correctly assembled and that there is no hindrance to its movement.
- Make sure that the seals fitted on the complete door do not affect the correct working of the panic bolt.
- Prior to assembling the panic bolt on a smoke/fire stop door, check the fire resistance certification to make sure that the panic bolt is suitable for use on that particular door.
- In case of double doors, when a panic bolt is assembled on both wings, make sure that each wing opens when the panic bolt is operated and that both wings open freely when both panic bolts are operated at the same time.
- Follow the assembly instructions scrupulously during installation. The assembly and maintenance instructions must be delivered to the user by the installer.
- Locking elements and selvages must be installed in such a way as to safely engage to each other. Make sure that the projection of the locking elements, when they are in the retracted position, do not affect the free rotation of the door.
- If the panic bolt has to be fitted on two-wings doors with automatic locking devices, it is necessary that a further device is assembled to coordinate the closing sequence of the doors and ensure that it is carried out in a correct way.
- The device cannot be used on doors with slip-in applications.
- Application on glazed doors is possible provided glass is of rolled / tempered type.
- No further device allowing the door to be locked in the closed position must be used except those mentioned in the current European standard. This does not prevent automatic locking devices from being installed.



- A notice "press bar to open" or a drawing must be placed on the internal side of the door over the operating bar or on the bar itself if possible.
- The device has been tested to fire resistance: minimum resistance is 90 minutes.
- The fastening system complies with the standard requirements of § 4.3 EN 1125:2008 (see test report SRP01713).

A single fire door can be made if:

- the central lock (B) is suitable for fire applications
- the top and bottom components (A and C) are chosen among those shown in fig. Y

NOTE: This warning is particularly important in case of complete smoke/fire stop doors.

- If you need to use a device to bring the door back in its closed position, make sure to guarantee an easy exit to children, old and invalid people.
- If supplied, all selvages and protection plates must be fitted in order to guarantee the compliance with the EN 1125:2008 standard.
- Warranty decays if the device: - has been damaged; - has been exposed to fire which may have altered its ascertained properties; - no longer corresponds to the registered documentation (e.g. modifications or alterations by third parties).
- FAPIM s.p.a is responsible solely and exclusively if the panic device installed is made up of Fapim PANAMA components only.

**3 – Advices for maintenance**

Users or their authorized representatives are recommended to carry out the following maintenance checks at least twice a year; installer and/or user, also under the respect of the prescriptions mentioned in art. 4 of the Ministerial Decree dated 03/11/2004 for fire safety, must register the operations carried out in the following table:

- A) Check and operate the panic bolt and make sure that all the components are in good working conditions. Check that the fixing screws are securely tightened.
- B) Check that the selvage or selvages are free from obstructions.
- C) Check that the contact surfaces of the latch bolts and of the selvages are well lubricated. If necessary, lubricate with FINA Marson EPL2 type grease or other equivalent having an operating temperature suitable for the conditions of use.
- D) Check that no locking devices have been installed in addition to the original configuration;
- E) Check periodically that the system components are the appropriate ones, as specified in the list of the original components supplied;
- F) Check periodically that the operating element is secured and, by means of a measuring device, verify the strength necessary to open the door. Check that the operating force has not substantially changed after the first installation.

