



**Guidance for Installation and Fitting of  
Adams Rite Panic Exit Device 900 series**

Certificate of conformity no:  
1121-CPD-AAA014

- The producer shall specify the appropriate fixing arrangements for the door types for which the exit device is designed.
- Before fitting an exit device to a door, the door should be checked to ensure correct hanging and freedom from binding. It is not recommended, for example, that exit devices be fitted to hollow core doors unless specially designed by the producer for this type of doors.
- It is recommended to verify that the door construction allows the use of the device, i.e. to verify that offset hinges and engaging leaves allow both leaves to be opened simultaneously, or to verify that the gap between door leaves does not differ from that defined by the exit device producer, or to verify that the operating elements do not interfere, etc.

NOTE Panic exit devices manufactured in accordance with this European Standard will provide a high degree of safety and reasonable security provided that they are fitted to doors and door frames that are in good condition.

- Before fitting an emergency exit device to a smoke/fire-resisting door, the fire certification should be examined to ensure the suitability of the panic exit device for that particular door assembly.
- Care should be taken to ensure that any seals or weather-stripping fitted to the complete door assembly, do not inhibit the correct operations of the panic exit device.
- On double doorsets with rebated meeting stiles and where both leaves are fitted with panic exit devices, it is essential to check that either leaf will open when its panic exit device is activated and also that both leaves will open freely when both panic exit devices are operated simultaneously. The use of a carry bar to move the active leaf may be required for this application.
- Where panic exit devices are manufactured in more than one size, it is important that the correct size is selected.
- Category 2 (standard projection) panic exit devices should be used in situations where there is restricted width for escape, or where the doors to be fitted with the panic exit devices are not able to open beyond 90°.
- Where a panic exit device is designed to be fitted to a glazed door, it is essential that the glazing is tempered or laminated glass.
- Different fixing can be necessary for fitting panic exit devices to wood, metal or frameless glass doors. For more secure fixing, male and female through-door bolts, reinforcement and rivets can be used.
- Panic exit devices are not intended for use on double action (double swing) doors unless specifically designed by the exit device producer.

- The fixing instructions should be carefully followed during installation. These instructions and any maintenance instructions should be passed on by the installer to the user.
- The horizontal bar should normally be installed at a height of between 900 mm and 1100 mm from the finished floor level, when the door is in the secured position. Where it is known that the majority of the users of the premises will be young children, consideration should be given to reducing the height of the operating element.
- The horizontal bar should be installed so as to provide the maximum effective length
- The bolt heads and keepers should be fitted to provide secure engagement. Care should be taken to ensure that no projection of the bolt heads, when in the withdrawn position, can prevent the door swinging freely.
- Where panic exit devices are to be fitted to double doorsets with rebated meeting stiles and self closing devices, a door coordinator device in accordance with EN 1158 should be fitted to ensure the correct closing sequence of the doors. This recommendation is particularly important with regard to smoke/fire-resisting door assemblies.
- No devices for securing the door in the closed position should be fitted other than that specified in this European Standard. This does not preclude the installation of self-closing devices.
- If a door closing device is to be used to return the door to the closed position, care should be taken not to impair the use of the doorway by the young, elderly and infirm.
- Any keepers or protection plates provided should be fitted in order to ensure compliance with this European Standard.
- A sign which reads "Push bar to open" or a pictogram should be provided on the inside face of the door immediately above the horizontal bar, or on the bar if it has sufficient flat face to take the size of lettering required.
- The surface area of the pictogram should be not less than 8 000 mm<sup>2</sup> and its colours should be white on a green background. It should be designed such that the arrow points to the operating element, when installed.