



Recommendations for Installation and Fixing

(Taken From Annex A of BS EN 1125)

- Panic devices manufactured in accordance with BS EN 1125 will provide a high degree of safety and reasonable security provided they are fitted to doors and frames that are in good condition. The standard does not recommend that panic devices be fitted to hollow core doors. The door(s) should be checked to ensure correct hanging and freedom from binding.
- Care should be taken that any seals or weatherstripping fitted to the complete door assembly does not inhibit the correct operation of the panic device.
- On double doorsets with rebated meeting stiles and where both leaves are fitted with panic devices, it is essential to check that either leaf will open when its panic device is activated.
- Where panic devices are manufactured in more than one size it is important that the installer selects the correct size.
- Category 2 (low projection) panic devices should be used in situations where there is restricted width for escape, or where the doors to be fitted with panic devices are not able to open beyond 90°.
- Where a panic device is to be fitted to a glazed door, that glazing should be of tempered or laminated glass.
- Different fixing could be necessary for fitting panic devices to wood or metal doors.
- For more secure fixing, male and female through-door bolts can be used.
- Unless specified by the manufacturer, panic devices are not intended for use on double action (double swing) doors.
- The fixing instructions should be carefully followed during installation. The installer should pass on these instructions to the user together with any maintenance instructions.
- The bar should normally be installed at a height of between 900mm and 1100mm from the finished floor level, when the door is in the secured position. Where it is known that the majority of the occupants of the premises will be young children, consideration should be given to reducing the height of the bar. *Manufacturer's note:* In the case of Adams Rite two point concealed vertical rod devices, this may require a specially modified version to be produced by the manufacturer.
- The bar should be installed so as to provide the maximum effective length.
- The bolt heads and keepers should be installed so as to provide secure engagement. Care should be taken to ensure that no projection of the bolt heads, when in the withdrawn position could prevent the door swinging freely.
- Where panic devices are to be fitted to double doorsets with rebated meeting stiles and self-closing devices, a door co-ordinator device according to EN 1158 should be fitted to ensure the correct closing sequence of the doors.
- 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 sockets, keepers or protection plates provided should be fitted in order to ensure compliance with this standard.
- With reference to clause 4.1.20 of BS EN 1125 regarding the threshold strike, the Adams Rite easy clean threshold strike is designed to face fix onto an appropriate threshold plate so that it sits proud by 2mm and is in accordance the requirements of the standard. Any local site situation that does not allow the strike to meet the requirements of 4.1.20 should be modified to suit. The height from the finished floor should not exceed 15mm, with an upstand not exceeding 3mm in height. If the overall height exceeds 3mm there shall be a chamfer in the direction of escape not exceeding 45° from the horizontal.
- A sign which reads 'push bar to open' or a pictogram should be provided on the inside face of the door immediately above the bar, or on the bar itself if it presents sufficient flat face to take the size of the lettering.