

## Security Door Set Installation Guide.

### Installation Instructions

1. Remove door from pallet and place in location to be fitted.
2. Remove retaining screw from door spacer (located in bottom of door set)
3. Remove door spacer tapping off with a hammer.
4. Position door set in aperture.
5. Open door from sub frame to 90 degrees'
6. Drill 6mm diameter clearance holes to each jamb starting at a maximum of 150mm down from the head of frame and 150mm up from the bottom (plus undercut) the remainder (3 or 4 number) evenly spaced up to a maximum of 450mm increments.
7. Level sub frame head with a spirit level.
8. Plumb hinged jamb of sub frame with spirit level or plumb bob.
9. Fix in place and pack where necessary.
10. Close door and align meeting jamb for plumb and parallel to obtain an even minimum 2mm to 4mm maximum gap to door and frame. With the threshold having a maximum gap of 10mm. (Please note for Fire and Smoke the threshold gap is to be a maximum of 3mm)
11. Open door leaf, fix in place and pack where necessary.
12. Close door and lock by lifting the lever handle and turning the key in cylinder lock. Push the door leaf and check for any movement.
13. If movement between door leaf and rebated stop is detected, (i.e., top middle bottom of door) open door leaf from frame and adjust strike plates accordingly to rectify.
14. Once decorated, Batwing seal (self-adhesive) can be fitted in frame rebate

**Note**

1. The gap between the door leaf and the frame must be suitable for the intumescent seal fitted. In general, the gap should be a minimum of 2 mm and a maximum of 4mm. A maximum 10mm gap between bottom of the leaf and top of the floor coverings (threshold).
2. No trimming of doors allowed
3. Enhance Security Label to be located on top of door leaf
4. No Modifications are allowed.

**Security Door Set Maintenance Guide.**

1. Both door and frame may be wiped over with a damp cloth. DO NOT use anything abrasive as this will result in scratching the surface.
2. Light oil may be applied to hinges if necessary.

The Q-Mark Enhanced Security sticker states the manufacturer, their certificate number and the Standard and classification of the Security Standard.

The Sticker also includes the year of manufacture and which quarter of that year the door set was manufactured.

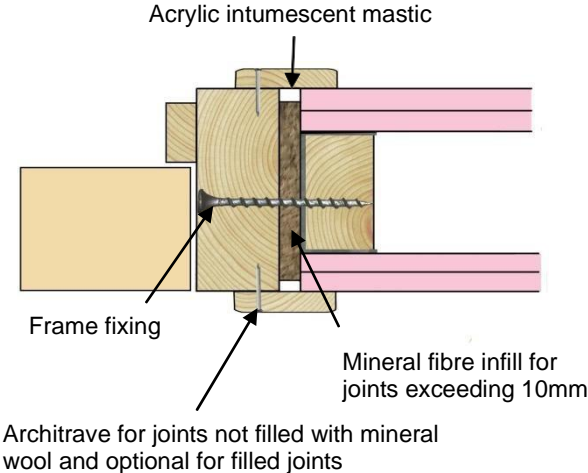
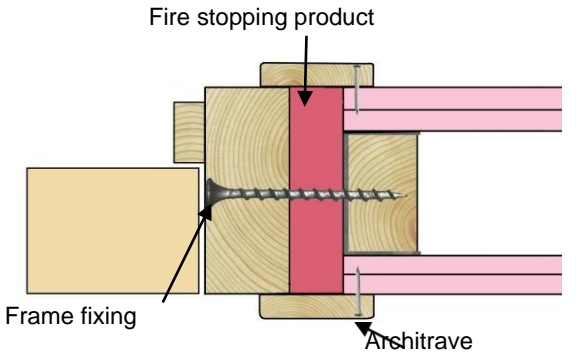
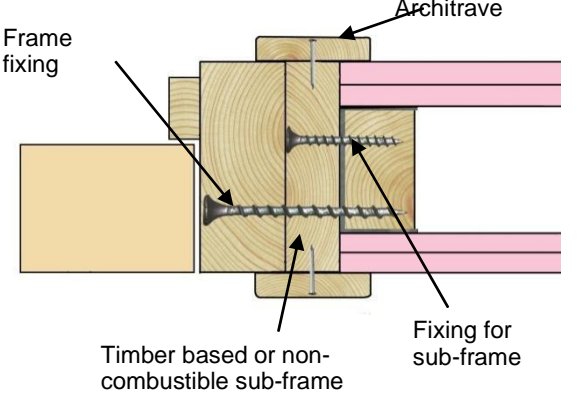
The Q-Mark Enhanced Security sticker must not be removed or painted over and is located on the top edge of the door.

	Company:	Manufacturing	<input type="text"/>
	Certificate No:	Year:	<input type="text"/>
	Standard:	Quarter:	<input type="text"/>
	Classification:		

**Note:** Concept Doors Ltd does not take any responsibility or endorse the use of any product(s) in the fitting of door sets. Concept Doors Ltd strongly recommends that installation of fire and security doors should be carried out by qualified installers.

### Sealing to Structural Opening

The door frame to structural opening gap must be protected using one of the following methods:

<p>1. Gaps up to 10mm must be sealed on both sides with a 10mm depth of acrylic intumescent mastic, fire tested for this application to BS 476: Part 22: 1987 or BS EN 1634-1. Joint must be fitted with 15mm thick architraves overlapping at least 15mm each side.</p>	 <p>Acrylic intumescent mastic</p> <p>Frame fixing</p> <p>Mineral fibre infill for joints exceeding 10mm</p> <p>Architrave for joints not filled with mineral wool and optional for filled joints</p>
<p>2. Gaps between 10mm and 20mm must be tightly packed with mineral fibre, capped on both sides with a 10mm depth of acrylic intumescent mastic, fire tested for this application to BS 476: Part 22: 1987 or BS EN 1634-1. Architraves are optional.</p>	 <p>Fire stopping product</p> <p>Frame fixing</p> <p>Architrave</p>
<p>4. Timber based or non-combustible sub-frame up to 50mm thick, with no gaps between the components. Joint must be fitted with 15mm thick architraves overlapping at least 15mm each side.</p>	 <p>Frame fixing</p> <p>Architrave</p> <p>Timber based or non-combustible sub-frame</p> <p>Fixing for sub-frame</p>

5. Timber based or non-combustible sub-frame up to 50mm thick, with gaps up to 10mm between the components filled on both sides with 10mm depth of acrylic intumescent mastic or full depth expanding PU foam, fire tested for this application to BS 476: Part 22: 1987 or BS EN 1634-1. Joint must be fitted with 15mm thick architraves overlapping at least 15mm each side.

