

# E FRAME INSTALLATION INSTRUCTIONS



## 1. Check the contents of the delivery, there should be:

1. Door leaf.
2. Door frame.
3. Mounting extension (2 No.).
4. Installation kit.

## 2. Check that you have the correct tools required for installation:

1. Spirit level.
2. Screw bit driver (for T30 Torx bit).
3. Power drill.
4. No.2 Pozi head driver bit.
5. 3mm flat blade screwdriver.
6. A hammer or mallet.
7. Sealant gun.
8. 5mm drill bit.

### If Fire Rated:

Fire rated sealant must be used and be of a suitable grade for the rating of the door.

## 3. Check that the installation kit has the following:

1. 30mm long self-tapping screws (20 No.) for joining frame to sub-frame.
2. Countersink rivets for fitting frame to structure (22 No.).
3. White plastic caps to cover rivet heads (22 No.).
4. M6 x 12 long countersunk machine screws (6 No. for hinges).
5. Suitable sealant.
6. T30 Torx head driver bit.
7. Installation instruction sheet.

## 4. Check the structural opening.

The structural opening should be a maximum of 15mm over the door width dimension, and a minimum of 5mm less. The height should be within +/- 5mm of the door size.

If the opening is over size then the opening sides must be built up with the same material as already existing in the opening. This is to maintain its fire rating.

## 5. For double door frames.

For ease of transit, the double door frame will have been supplied in six sections:

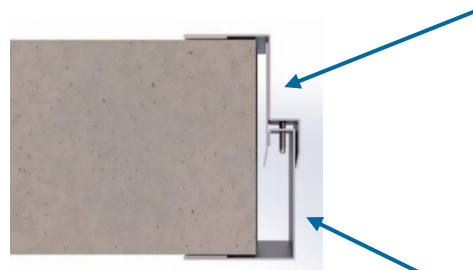
- a. Hinge Jamb – 2 no. L and R.
- b. Hinge Extension – 2 no. L and R.
- c. Header.
- d. Header extension.

## 6. Installing the frames.

Offer the frame up to the opening.

Position the frame within the opening so that there are equal gaps between the frame and the opening on each side. Maintain the gap using suitable packers.

**Use the spirit level to check the header is level.**



## 7. Mount the sub frames.

Slide the sub-frame into the main frame (the sub-frame will be the internal side of the door).

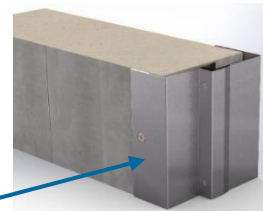
At this point, open the door and screw the two sections of the frame together and tighten (just enough to ensure the weight of the door and frame can hold still within the structural opening).

Close the door, level it off, and make sure the door operates correctly and the door gaps are within acceptable limits.

**Use the spirit level to check the header is level and tighten the fixings.**

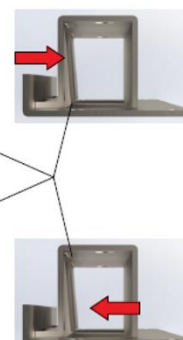
## 8. Face fixings.

Drill the wall panel through the frame periphery fixing holes with a 5mm drill, (on both the inner and outer frames) and fit the countersink rivets provided.



## 9: Adjust the keep.

Adjust the latch engagement with the aid of a small diameter rod or screwdriver. The correct adjustment will make the lock latch sit in the keep securely and without rattling.



Move in this direction to tighten Latch engagement. Careful not to over adjust and to make sure latch going into slot and not resting on top of adjustable.

Move in this direction to slacken Latch engagement. If over adjusted door will move and rattle.

## 10: Adjust the seal compression.

If the seal is over or under compressed, this can be adjusted by loosening the screws on the hinges (not too much) and closing the door onto the seal.

If there is too much compression the door will naturally move away from the seal.

If more compression is required, apply pressure to the door, forcing it onto the seal until the correct contact is made.

Open the door and tighten the screws.