

Typical installation of welded frames

- 1** Remove the shipping bars at the bottom of the frame.
- 2** Adjust the frame to be square, level, and plumb with jambs in the same vertical plane.
- 3** Brace the frame with 2" x 4" (50.8 mm x 101.6 mm) wood studs, as shown in [Figure 1](#).
- 4** Install temporary spreaders as shown in [Figure 2](#), at the center and at the bottom location of the frame. The spreader dimension should be the same as the door opening width. This will prevent the frame from bowing inside the opening when building the surrounding wall.
- 5** Verify the height and the width of the door opening once more before building the wall (tolerance of 1/32" (0.8 mm)). The frame should be square, level and plumb with jambs in the same vertical plane.
- 6** Anchor the frame to the floor, at the bottom of each jamb, with the floor base anchor.

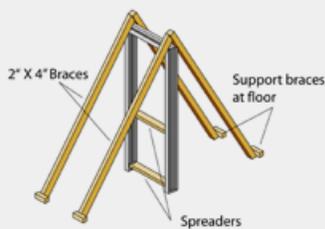


Figure 1: Bracing the frame

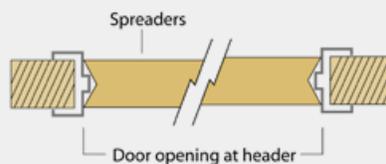


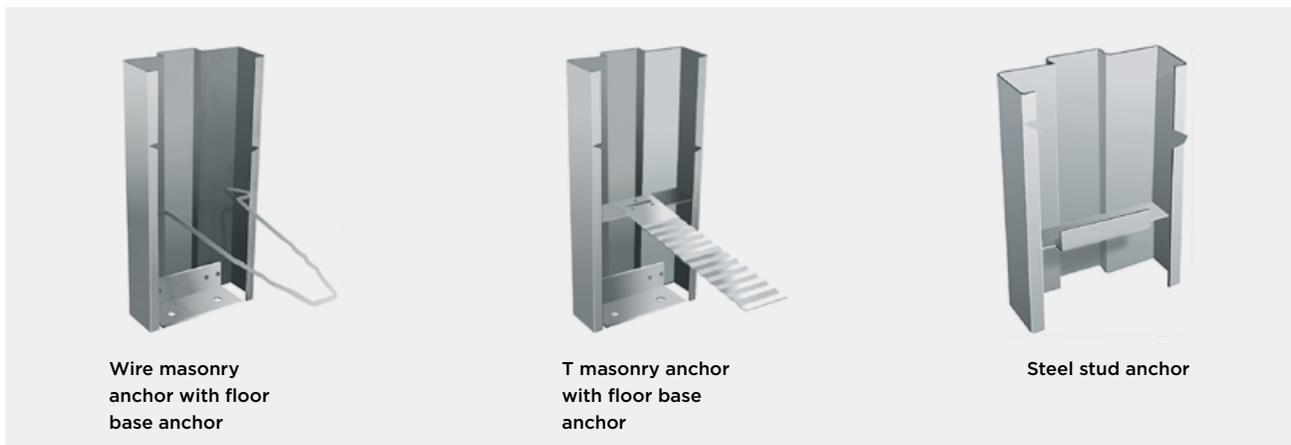
Figure 2: Spreader



Floor base anchor

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- 7** Build the wall on each side.
- Masonry block wall: Anchor the frame to the wall with wire masonry anchor or “T” masonry anchor, as wall is built. Install one anchor per 30” (762 mm) of door opening height or fraction thereof. Locate anchors as close as possible to the hinge reinforcements on the hinge jamb, and on the opposite side for the strike jamb.
 - Drywall: Anchor the frame to the wall with steel stud anchors. Provide two # 10 screws per anchor (screws by others). On each jamb, install one anchor per 30” (762 mm) of door opening height or fraction thereof. Locate anchors as close as possible to the hinge reinforcements on the hinge jamb, and on the opposite side for the strike jamb.
- 8** Do not remove the temporary spreaders until the frame is permanently set into the wall.



REFERENCES:

de La Fontaine: Technical data book