

45 – 90 Minute Fire Rated Frames

Knock Down Grouted-in Frame Installation

- Configuration:
 - Standard 5 ¾ Jamb depth
 - Knockdown for field assembly
 - Frame shipped in 3 pieces (Hinge jamb, strike jamb and head bar)
- Items included for installation:
 - Stainless steel screws for assembly
 - "T" strap anchors
- Clearances:
 - Insure frame is properly set so that the maximum clearance between the top of door and frame as well as each vertical edge of the door and frame does not exceed 1/8".
- Assembly:
 - Lay frame parts (jamb sections and head bar) on edge with miters adjacent to one another.
 - Insert the two "L" shaped angles into the grooves in the throat of the head bar at each end.

Note: To insure proper alignment, do not drill pilot holes in an angle without the miters of the head bar and jamb legs mated together.

- Slide jamb sections onto angles inserted in head bar.
- Carefully align miters between head bar and one jamb leg.
- Using a 11/64" drill bit, drill a pilot hole in the "L" shaped angle using the counter-sunk holes in the head bar and jamb section as a guide. Pilot holes should be drilled slightly off center closer to the miter to insure the screws pull the miter tight. Install the ¾" #12 screws provided. Install and tighten by hand or with a clutched driver only. Repeat process for the other jamb leg.
- Installing the frame:

Stand frame up in its proper location and secure to the floor through the sill anchors in the back of the frame. Brace frame and install spreaders as needed to insure the frame remains plum and square while wall is being built to it. Install a "T" anchor at the first block course and then additional "T" anchors so that they are never more than 28" apart. The top most "T" strap should be as close to the head bar as possible. Check frame throughout the installation process to insure the proper width is maintained so that the door will have 1/8" clearance at each side and head.

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