



# Assembly / Installation Instructions

## Existing Masonry Wall (EMA) Construction (frame installed after wall is constructed)

(if your frame was shipped set-up and face welded – skip to step 2)

1. Lay jambs and head out on a level surface, line up miters and verify frame width is correct. Attach head to jambs using 2" x 2" fiberglass angle and 3/4" stainless steel screws (be sure to position head with closer reinforcement toward the hinge jamb). Drill pilot holes before attempting to secure corners.
2. Wall opening width and height should be equal to the over-all frame width and height, plus an additional 1/8"-1/4" clearance around the perimeter for shimming.
3. Insert anchor blocks at hinge and strike reinforcements at the same locations as pre-drilled anchor holes. Position anchors in frame throat and tap in with a hammer – in most cases frames will be supplied with anchor blocks already inserted.
4. Remove the factory spreader bar at bottom (if applicable). Save spreader for use in step #6.
5. Position the frame in the rough opening.
6. Position a removable frame spreader at sill of the frame to maintain proper opening width during installation. This spreader should be the same size as the inside frame width at the head.
7. Temporarily use shims to hold the frame plumb and square. Make sure head is level.
8. Using a drill and masonry bit, drill through the frame into the wall, 1-1/4" – 1-1/2" deep at each anchor location on the hinge jamb only for now.
9. Plumb and square the frame again. Shim as necessary.
10. Secure hinge jamb to wall using the supplied 4" stainless expansion bolts.
11. Hang door and check for fit. Check clearance at top of door – should be 1/8" across entire width, shim bottom of strike jamb as necessary. NOTE: please use only wood screws for hinge attachment on door and frame.
12. Install the supplied stick-on silencers to frame stop. With door closed against silencers, check that entire height of door is contacting the silencers. Use shims to hold the frame in position, and drill for anchors on strike side.
13. Secure strike jamb the same as hinge jamb.
14. Caulk around perimeter of frame as needed.

Included parts:

- (6) – 4" stainless steel anchor bolts
- (3) – stick-on silencers

Please note: push/pull reinforcement is located 40-5/16" up from finished floor to centerline – if deadbolt is being used, the push/pull reinforcement is centered approx. 13" down from the center of the deadbolt prep.