



## Assembly/ Installation Instructions

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

1. Before installation, slush the back of the frame jambs and head solid with mortar, flush with the back of the frame, or if desired install hollow frame into wall first and then pump in mortar from top. Frame may have 1" holes pre-drilled for this.
2. Wall opening width and height should be equal to the over-all frame width and height, plus an additional 1/16"-1/8" clearance around the perimeter for shimming.
3. Remove the factory spreader bar at bottom (if applicable). Save spreader for use in step #6.
4. Position the frame in the rough opening.
5. Position a removable frame spreader at sill of frame to maintain proper opening width during installation. This spreader should be the same size as the inside frame width at the head.
6. Temporarily use some of the composite shims to hold the frame plumb and square. Make sure head is level.
7. 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.
8. Plumb and square the frame again. Shim as necessary.
9. Secure hinge jamb to wall using the supplied 4" stainless expansion bolts.
10. 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.
11. Secure strike jamb the same as hinge jamb.
12. Fill gap around perimeter of frame with mortar as needed.
13. Existing masonry bolt locations to be located as follows- 7-1/4" from top, 12-1/4" from bottom. Center Hole(s) to be centered no more than 30" apart. Paired frames wider than 6'-0" must have one bolt centered in head as well.
14. Bolt type to be 4"x 3/8" flat head stainless steel sleeve anchor.