

INSTALLTION INSTRUCTIONS:

MDI WELDED FRAMES FOR EXISTING OPENINGS IN A BUTTED & BOLT-IN APPLICATION

DATE: 04/23/14

INSTALLATION INSTRUCTIONS: EXISTING OPENING - BUTTED & BOLT-IN APPLICATION

1

EXISTING OPENING FRAME ASSEMBLY INSTRUCTIONS:
 MINIMUM RO IS NOMINAL DOOR WIDTH + 4 1/4" x NOM. DOOR HEIGHT + 2 1/4".
SAMPLE ORDER SIZE FORMULA (ONLY A RECOMMENDATION):
 R.O.W. = 4.25" = ORDER WIDTH x R.O.H. = 2.25" = ORDER HEIGHT

NOTE: THESE DIMENSIONS & INSTALLATION INSTRUCTIONS APPLY ONLY TO MDI 2" FACE WELDED FRAMES IN A BUTTED & BOLT-IN APPLICATION. ADJUST FOR DIFFERENT SIZE FACE TRIM FRAMES. CONSULT MDI FOR MORE DETAILS PRIOR TO ORDERING.

2

WELDED IN ANCHOR EXAMPLES FOR BUTTED & BOLT-IN APPLICATION

JAMB HEIGHT UP TO 7'-0"	ANCHOR QTY. 3 (min)	As Required	Available
Additional Anchor Preps			

"EMA" With Reinf. Bracket and shown with EXPB

"EON" With Reinf. Bracket

"EMAO" Open - No Bracket

"EXPB" 3/8" Expansion Bolt

ANCHORING THE JAMBS:
 FRAMES WILL BE PRE-PUNCHED & COMPILED BY MDI FOR 3/8" EXPANSION BOLTS IN CENTER OF THE SOFFIT. ADDITIONAL DIMENSIONS MAY BE ADDED AS REQUIRED PER THE HEIGHT OF THE FRAME. ADDITIONAL PREPS ARE AVAILABLE.

3

POSITION FRAME IN THE OPENING:
 SQUARE FRAME AS NEEDED, MARK ANCHOR LOCATIONS ON THE WALL THROUGH ANCHOR HOLES IN THE JAMB SOFFIT. SPREADERS MUST BE REMOVED PRIOR TO INSTALLATION. SPREADERS ARE FOR SHIPPING & HANDLING ONLY.

4

REMOVE FRAME FROM ROUGH OPENING AND DRILL
 MARKED HOLES IN WALL, IF DRILL BIT IS LONG ENOUGH, THE FRAME CAN REMAIN IN PLACE FOR THIS PROCESS, BUT EXTREME CARE MUST BE TAKEN BY INSTALLER NOT TO DAMAGE THE FRAME

5

CHECK PLUMB AND SQUARENESS OF ROUGH OPENING:
 IF OPENING IS OUT OF SQUARE, SHIMMING MAY BE REQUIRED... INSERT EXPANSION ANCHORS IN THE WALL IF NOT USING MDI 3/8" EXPANSION BOLTS (EXPB). REPLACE FRAME IN OPENING.

ANCHORING THE JAMBS:
 FRAMES WILL BE PRE-PUNCHED & COMPILED BY MDI FOR 3/8" EXPANSION BOLTS IN CENTER OF THE SOFFIT. ADDITIONAL DIMENSIONS MAY BE ADDED AS REQUIRED PER THE HEIGHT OF THE FRAME. ADDITIONAL PREPS ARE AVAILABLE.

if you do not check for Plumb & Squareness, and adjust if necessary, your door will not operate properly

6

INSTALL 3/8" EXPANSION BOLTS:
 IN ALTERNATING SEQUENCE, CHECK FOR SQUARENESS ALONG THE HEIGHT OF BOTH JAMBS AS YOU GO. LEAVE 3/8" BOLT HEAD EXPOSED FOR PUDDY TO FINISH FOR A SEAMLESS LOOK.

IMPORTANT:

1. Always verify the dimensions of the Rough Opening (RO) so that you can fit the overall frame dimension into the opening, prior to taking out the existing frame.
2. The above noted RO (Rough Opening) is what MDI recommends as the minimum required for a proper installation. Ultimately, fitting the overall frame into the existing RO will be up to the installer.
3. Speak to your MDI Representative for alternate frames if a butted and bolt-in application is not what you need.
4. If you do not check for Plumb & Squareness, and adjust if necessary, your door will not operate properly