

Series 92 TB Door System

SALES PRODUCT GUIDE
EVERLAST DOOR INSTRUCTIONS
REV 08-22-2024 ACQ
Document Number C-321-92 TB SD INST-C
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INSTALLATION INSTRUCTIONS

For best performance insulate the outer frame with fiberglass or very low compression foam such as Dow® Window and Door Foam Insulation. Pre-foamed frame available.

IMPORTANT: If this product is to be installed in contact with ACQ or CBA-A or CA-B Pressure Treated Lumber – a protective barrier such as Plyco PRO-SEAL – 40 must be applied to form a protective barrier between the treated lumber and the metal frame.

INSTALLATION INSTRUCTIONS

NOTE: Door panel is centered in the outer casing by three (3) panel spacers; located at the latch bolt and one on top and bottom of door panel on the latch side. Do not open door or remove these panel spacers before installation.

STEP 1 The rough opening should be of adequate size to allow for the use of proper shim material behind both door jambs. A rough opening of the door frame size plus 1/2" in width and 3/8" in height is recommended. For a 3/0 x 6/8 door the rough opening should be 40-1/2" x 82-1/2". Liberally caulk under the threshold and set door centered in the rough opening. See FIG. 1

SIZES – ROUGH OPENINGS

3068 = 40-1/2" X 82-1/2"

3070 = 40-1/2" X 86-1/2"

3670 = 46-1/2" X 86-1/2"

4068 = 52-1/2" X 82-1/2"

4070 = 52-1/2" X 86-1/2"

FIG. 1 Rough Openings

STEP 2 Ensure that the hinge jamb is in correct position and is plumb. DO NOT OPEN DOOR. Using (2) #12 x 4" flat-head screws (included), loosely fasten the hinge jamb to the structural framing through the top & bottom concealed outer frame holes provided. Measure the

diagonals of the outer frame, make equal and install (2) #12 x 4" flat-head screws into the top & bottom holes on the strike side of the outer frame. See FIG. 2.

DO NOT OVER-TIGHTEN THESE SCREWS. ADJUST SHIMS ON EACH OF THESE FOUR SCREWS TO OBTAIN A PLUMB AND SQUARE OUTER FRAME. THEN TIGHTEN SCREWS.

STEP 3 Check outer frames for equal diagonal measurements and install remaining (2) #12 x 4" flat-head screws, fastening the hinge side and strike side in the same manner, using shims near each fastening point. Do not force frame out of shape by twisting or bowing the frame members.

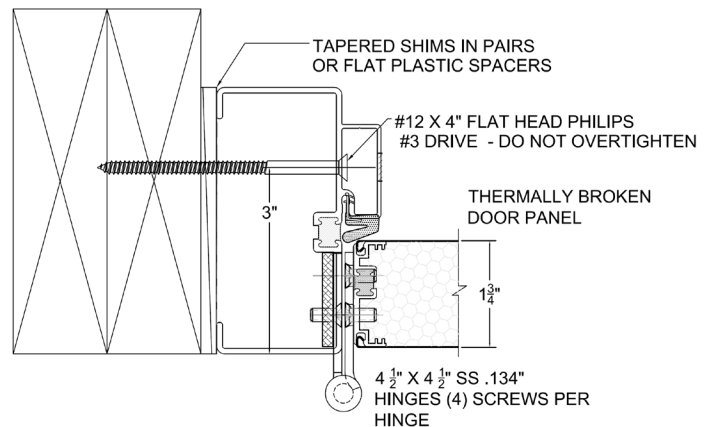


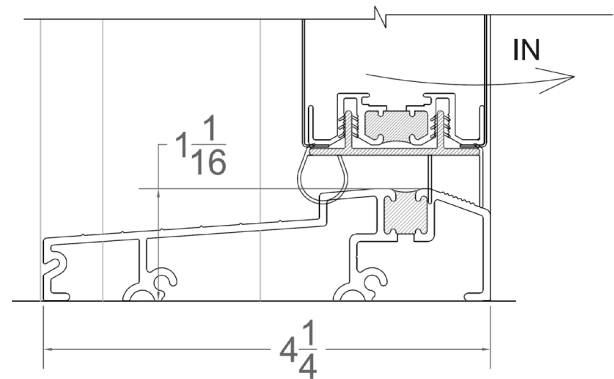
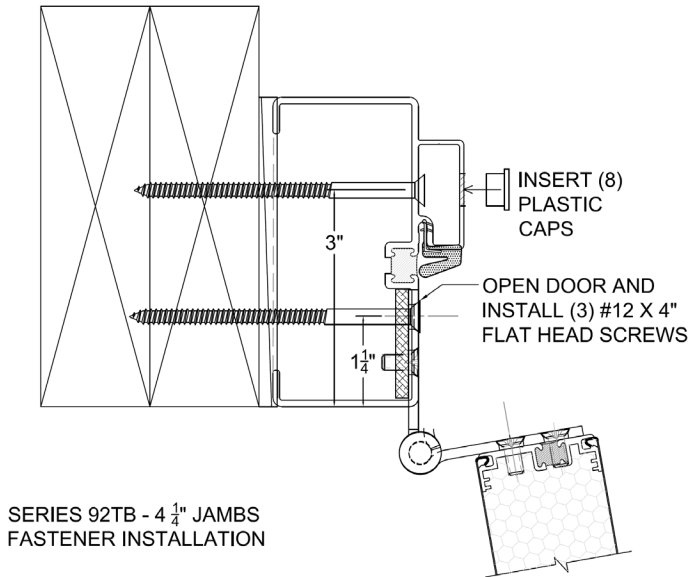
FIG. 2 Shim Frame and Install Screws

STEP 4 Check door frame for plumb and square. Open the door and remove the panel spacers. With the door wide open, install three (3) #12 x 4" coated Flat-Head wood screws through the open hinge holes. SHIM BEHIND EACH HINGE AND INSTALL ONE SCREW THROUGH EACH HINGE LEAF. See FIG. 3.

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VERTICAL SECTION - IN SWING DOOR
THERMAL BREAK THRESHOLD - LW

FIG. 3 Install Screws through Hinges

STEP 5 Remove panel spacers, bottom and sides. Check for free operation of the door panel and hardware.

STEP 6 Snap in screw caps – see Fig. 3 & 4.

STEP 7 Latch strike plates are adjustable on this door. If adjustment is needed, loosen two flat-head machine screws with spin nuts, taking care not to allow the spin nuts to drop off. Adjust strike in or out and re-tighten firmly.

STEP 8 Caulk the inner junction of threshold to frame.

STEP 9 Caulk around the complete frame.

STEP 10 Install bottom corner pads per instructions with pads.

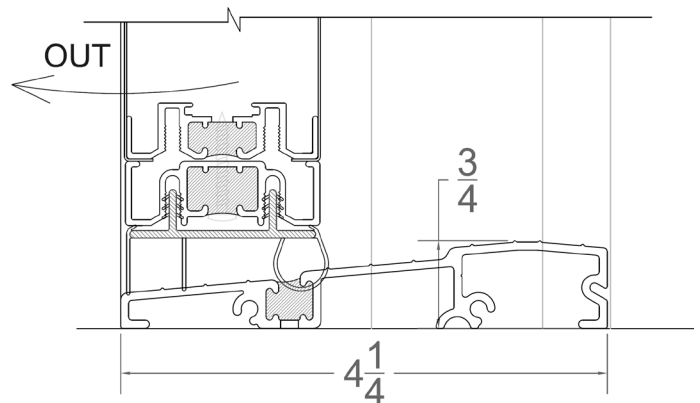
LW Limited Water Resistive Threshold Option

For proper performance the designation of the door swing (In-swing / Out-swing) must be known. Door packaging labels list the swing as ordered.

All doors are ordered as designated swing In or Out.

Caulk underside of threshold where it will contact the floor or framing surface.

Caulk inner threshold-to-frame junction after installation.



VERTICAL SECTION - OUT SWING DOOR
THERMAL BREAK THRESHOLD - LW

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