



Fiberglass Hinged Patio Doors - Inswing and Outswing

GENERAL INSTALLATION STEPS

MATERIAL REQUIRED TO PREPARE:

- Shims / spacers (12 to 20)
- 4" wide water resistance adhesive membrane
- Silicone Caulking
- Interior trim and / or jamb extensions (15 to 40 ft)
- #10x3" installation screws

TOOLS REQUIRED:

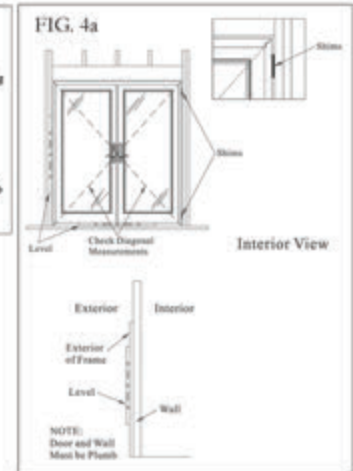
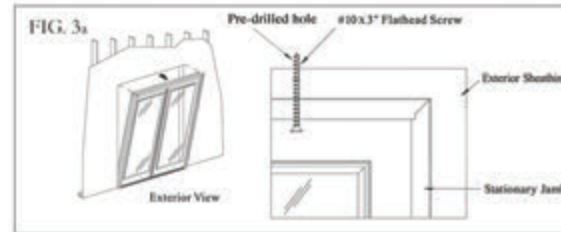
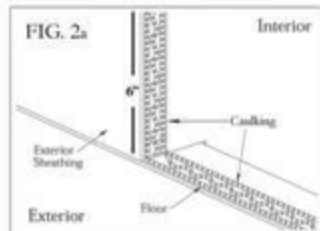
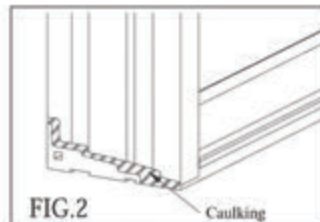
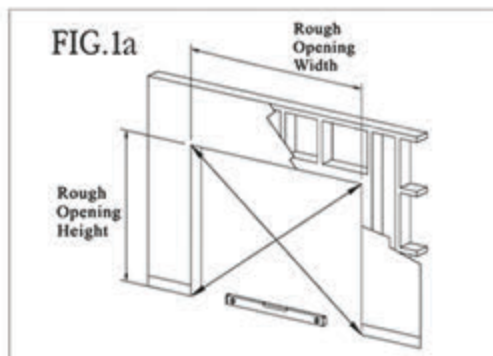
- Tape measure
- 6" Level
- Square
- Hammer
- Stapler
- Scissors or utility knife
- Screwdrivers
- Drill
- 13/32" & 1/8" Drill Bits

1. ROUGH OPENING INSPECTION AND PREPARATION

- The rough opening should be 3/4" wider than the frame width, and 1/2" higher than the frame height.
- Check that slab/subfloor is flat and level and smooth. Clean away all debris before setting door assembly. (See Fig.1a)
- Check rough opening for plumb, also check for square by measuring diagonal. If it is not, correct as necessary. (See Fig.1a)

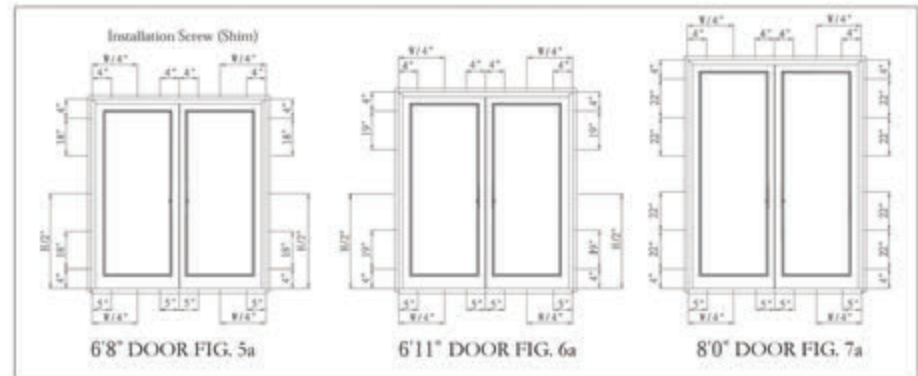
2. INSTALLING UNIT

- Before installation, inspect corners of frame for damage to the joints. DO NOT INSTALL DAMAGED PRODUCT.
- For added protection against leakage, caulk the frame at the joints (See Fig.2)
- Carefully ensure the active door panel is locked before installation.
- Apply sufficient amount of caulking along the entire length of the subfloor and 6" up each side of jambs. (See Fig.2a)
- Move door frame into rough opening, and center it. Remove door plug from handle bore. Pull plug away from passive panel until active panel opens. Then pull plug out from the edge of door. Secure the corner of head jamb with a #10x3" flat head screw from the interior side in pre-drilled hole.. (See Fig.3a)
- Use level to check if the jambs are level, straight and plumb. The sill must be leveled and straight. Make sure the diagonal measurements of the entire frame are equal. Shim the corners 4" from the sill and head jamb. (See Fig.4a)



3. FASTEN UNIT

- Shim the jambs 4" down from top and 4" up from sill. Place additional shims every 18", 19" or 22" around jambs depending on door height. If installation pilot holes are drilled shim at these locations. Recheck plumb level and square and adjust as necessary. (See Fig.5a, Fig.6a, and Fig.7a)



4. INSTALL HARDWARE

- Install two #10 x 3" screws through the outer holes of each hinge in the side jambs. Colored #10 x 3" screws have been provided to match the hinge color. (See Fig.11a)

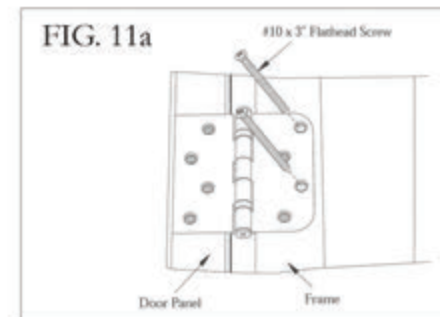
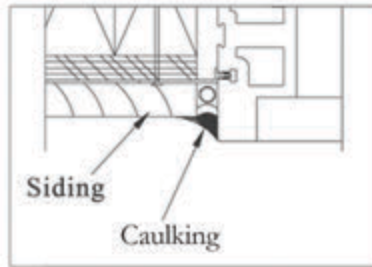
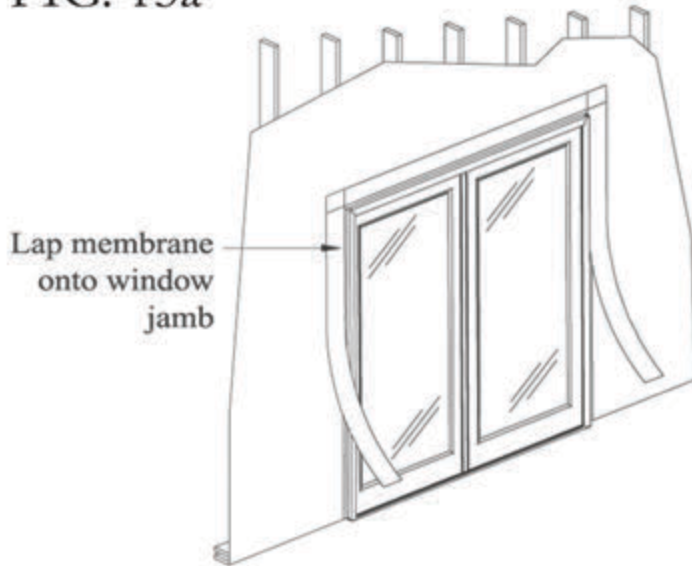


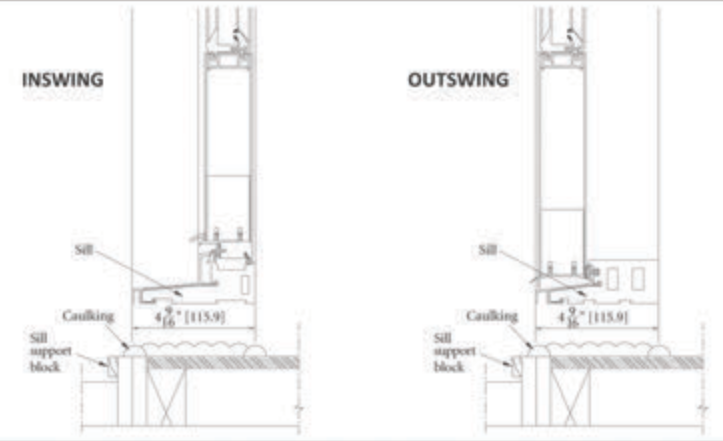
FIG. 15a



Inswing & Outswing Installation Specifications

- Apply sufficient amount of sealant along the entire length of the sub floor and 6" up each side of jambs. (See Fig.2b)

FIG. 2b

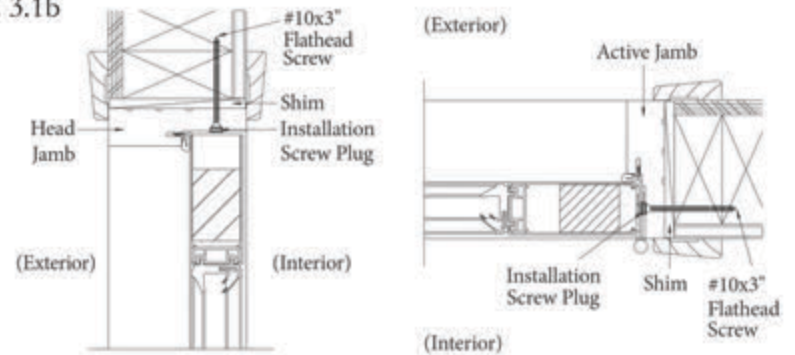


2. FASTEN UNIT

- Use #10 x 3" flat head screw to secure the unit through the predrilled pilot holes through jambs. (See Fig.3.1b - 3.4b)

INSWING Active Head

FIG. 3.1b



5. CHECK CLEARANCE AND SWING

- Check for proper clearance and swing.

6. SEALING THE INSTALLATION

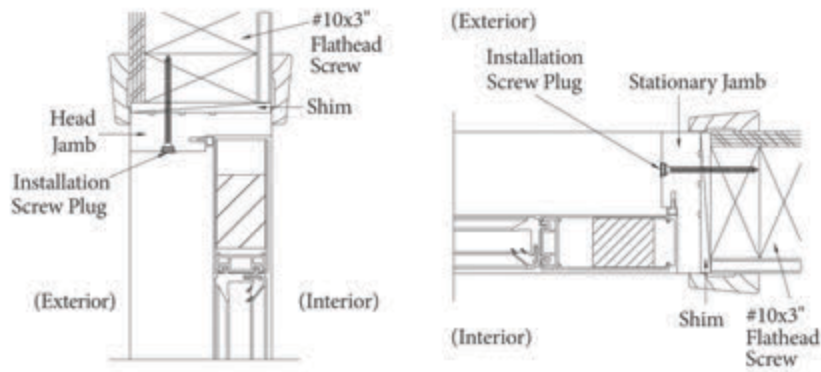
- Lap vertical strips of self sealing adhesive membrane (4" wide) onto the jambs' and over the exterior sheathing.
- Install another layer of adhesive membrane lapping onto head jamb and exterior sheathing. (See Fig. 15a)
- Add insulation to air space between opening and unit.
- Caulk around entire perimeter of unit on "exterior" side. Seal brickmould to siding or facing, Seal front bottom edge of sill. Seal all joints between jamb and mouldings.

7. CLEANING INSTRUCTION

- Door and jamb skins may be cleaned with mild detergent and water.
- Do not use any solvent, acids or abrasives on any part of the door.
- To clean the glass, use a soft clean grit-free cloth and mild detergent.
- Keep weep holes clean and clear of obstructions.

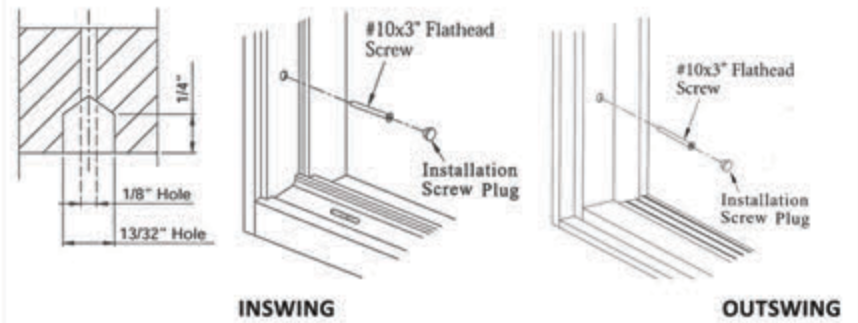
INSWING Stationary Head

FIG. 3.2b



- If unit is not predrilled use 1/8" bit to drill through jambs and studs at shim location. Use 13/32" bit to enlarge pre-drilled holes 1/4" deep into jambs for plug covers. (See Fig.4b)

FIG. 4b

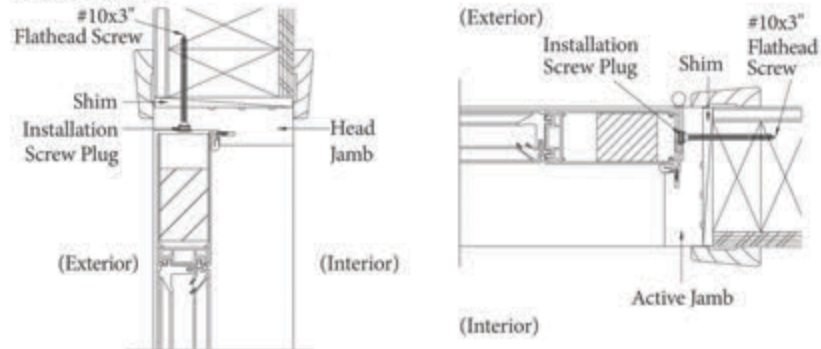


3. INSTALL HARDWARE

- Install Corner Pad by removing adhesive backing and applying to jamb. (See Fig.5.1b - 5.2b)

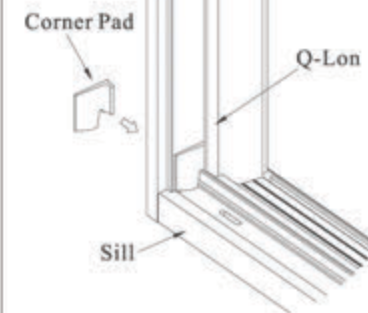
OUTSWING Active Head

FIG. 3.3b



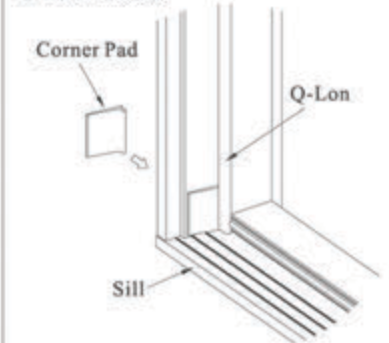
INSWING

FIG. 5.1b



OUTSWING

FIG. 5.2b



OUTSWING Stationary Head

FIG. 3.4b

