

**FD8100 Series Sliding Glass Door Assembly Instructions**  
**For all 2-Door 2-Track units up to 8-Door 4-Track units with and without pockets or corners**

(Reference Eastern Architectural Systems drawing A-0035 sheets 1 - 14)

**1.0 Frame Assembly**

- 1.1 Open up the frame pack and lay the head, sill pan and jambs (if applicable) out on a flat surface in their correct position in relationship to each frame part. (see sht. 1 of drawing for part identification)
- 1.2 If installing a single pocket unit there will be only one jamb. If installing a double pocket unit there will be no jambs.
- 1.3 Apply a generous bead of silicone to each cut end jambs (if applicable) (see sht. 1 of drawing).
- 1.4 Apply a generous amount of silicone to the face of the sill riser and to sill nose where the jamb will make contact (see sht. 1 of drawing).
- 1.5 Apply a generous amount of silicone to the sill pan where the jamb will sit on it (see sht. 1 of drawing).
- 1.6 Slide head, sill pan and jambs together. Wipe excess silicone from track side of joints completely sealing the jamb to the head and sill.
- 1.7 Feather silicone up the back side of the jamb to create a water tight seal at the jamb and sill pan (see sht. 1 of drawing).
- 1.8 Assemble frame with #8 x 1" PPH Screws (2 per corner on 2-Track, 3 per corner on 3 and 4-Track). Screws go from head down into jamb and from sill pan up into jamb.

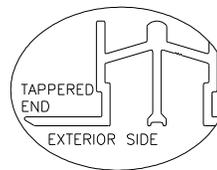
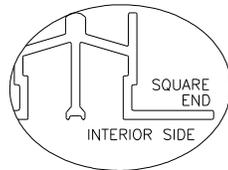
**2.0 Frame Installation of Bypass or Corner unit without pocket**

- 2.1 If you are installing a unit with single or double pocket skip section 2 and proceed with section 3.
- 2.2 Check opening dimensions and verify that the frame is the correct size for the opening.
- 2.3 Before frame is installed into the opening **make sure opening sill is level side to side and front to back.**
- 2.4 Apply large amount of silicone, non-shrink grout or other water barrier to opening sill
- 2.5 Install frame into opening per industry standards, Florida Building Code Standards and applicable Installation Instructions from Eastern Architectural Systems. See Florida Product Approval Number FL 14605.5, FL 14605.6, FL 14605.7, FL 14605.8 or FL 16134.1 or call Eastern Architectural Systems to obtain applicable Installation Instructions.
  - 2.5.1 It is commended that a laser level is used when installing a unit over four panels and any corner unit to insure that the jambs are plumb and square to each other and that the head is square to the sill pan.
- 2.6 After frame is installed seal all installation fastener heads in the sill pan and jambs with approved sealant.
- 2.7 Install anchor covers (see sht. 13 of drawing) into head track. See shts. 2 – 11 for orientation.
  - 2.7.1 On an OX, XO, OXO and OXXO unit the anchor cover is on the active panel track only.
  - 2.7.2 On units that have all active panels all tracks receive an anchor cover.
- 2.8 Install jamb cover (see sht. 13 of drawing) into the jamb track that is next to the track that has a panel at the jamb with the weather stripping facing the panel location. See shts. 2 – 11 for orientation.
- 2.9 Install anchor covers into all other jamb tracks. See sht. 2 - 11 of drawing for anchor cover and jamb cover orientation.
- 2.10 Install sill insert (see sht. 14 of drawing) into the sill pan. Square tab goes into the interior side of pan first then rotate the insert down and snap the front tapered end into the pan.
- 2.11 Install 4" Rubber Bumper (see sht. 14 of drawing) into the head track. See shts. 2 - 11 of drawing for rubber bumper placement.

**3.0 Frame Installation of Bypass or Corner unit with pocket**

- 3.1 If you are installing a unit without a pocket skip section 3 and proceed with section 4.
- 3.2 Check opening dimensions and verify that the frame is the correct size for the opening.
- 3.3 Before frame is installed into the opening **make sure opening sill is level side to side and front to back.**
- 3.4 Make sure pocket wall is plumb and square to the opening. Verify that the wall is in the correct location for the hook strip.
- 3.5 Install the receiver (see sht. 14 of drawing) to the pocket wall face. Use one fastener at the top, one in the middle and one at the bottom to tack the receiver in place. Shim receiver as needed to insure it is plumb and square.
- 3.6 **Units with pockets only.** If your unit has an add on sill riser (see sht. 13 of drawing) install it now.
- 3.7 Notch hook strip (see sht. 14 of drawing). See sheet 12 of drawing for notching instructions.
- 3.8 Install hook strip to receiver. Loosely tack hook strip because it may need adjusting once the door panels are loaded into the track. **Be sure to read all notes on sheet 12 before proceeding with hook strip installation.**
- 3.9 Apply large amount of silicone, non-shrink grout or other water barrier to opening sill

- 3.10 Install frame into opening per industry standards, Florida Building Code Standards and applicable Installation Instructions from Eastern Architectural Systems. See Florida Product Approval Number FL 14605.1, FL 14605.2, FL 14605.4 or FL 16134.1 or call Eastern Architectural Systems to obtain applicable Installation Instructions. See sheet 12 of drawing for frame alignment and offset to hook strip and pocket wall face.
- 3.10.1 It is commended that a laser level is used when installing a unit with pockets and corner to insure that the jamb, when required is plumb and square to the head and sill pan and that the head is square to the sill pan.
- 3.11 After frame is installed seal all installation fastener heads in the sill pan and jambs, if applicable, with approved sealant.
- 3.12 Install 4" Rubber Bumper (see sht. 14 of drawing) into the head track. See shts. 2 - 11 of drawing for rubber bumper placement if applicable.
- 3.13 Install anchor covers (see sht. 14 of drawing) into head track.
- 3.14 Install jamb cover (see sht. 14 of drawing) into the jamb track that is next to the track that has a panel at the jamb with the weather stripping facing the panel location.
- 3.15 Install anchor covers into all other jamb tracks. See shts. 2 - 11 of drawing for anchor cover and jamb cover orientation.
- 3.16 Install sill insert (see shts. 2 - 11 of drawing) into the sill pan. Square tab goes into the interior side of pan first then rotate the insert down and snap the front tapered end into the pan. See below for sill insert orientation.



#### 4.0 Panel Installation

- 4.1 Install all handles on panels that require them.
- 4.2 The panels are loaded into the frame from the exterior side.
- 4.3 Make sure all wheels are adjusted all the way up. **Do not adjust wheels with a power screw gun, only use a hand screw driver.** A power screw gun may strip out the adjustment screw on the wheels.
- 4.4 Start with panels that are on the interior most track and work out.
- 4.5 Holding the panel upright insert the head of the panel into the frame first making sure you lift it all the way until it bottoms out on the frame head.
- 4.6 Rotate the bottom of the panel in and set it down on the track. **Do not slide panel bottom over tracks.** This will damage the wheels.
- 4.7 Adjust wheels on the panel to allow the panel to roll freely. **Do not adjust wheels with a power screw gun, only use a hand screw driver.** A power screw gun may strip out the adjustment screw on the wheels. **Always lift the end of the panel that you are adjusting the wheels on.** Failure to lift the panel end may cause damage to the wheels.

#### 5.0 Panel Adjustment

- 5.1 Once all panels are installed start with the locking panel and adjust wheels until panel is level. **Do not adjust wheels with a power screw gun, only use a hand screw driver.** A power screw gun may strip out the adjustment screw on the wheels. **Always lift the end of the panel that you are adjusting the wheels on.** Failure to lift the panel end may cause damage to the wheels.
- 5.2 Once panels are level check the reveal of all panels and adjust wheels as needed.
- 5.3 Adjust locks and keepers on all locking panels to insure units lock correctly.

#### 6.0 Final Installation

- 6.1 If your unit has head and sill covers (see sht. 14 of drawing) install them now.
- 6.2 **Units with pockets only.** Install panel anchor cover (see sht. 14 of drawing) to hook strip.
- 6.3 **Units without pockets only.** If your unit has an additional add-on sill riser (see sht. 3 of drawing) install it at this time.
- 6.4 Install 3-Hole Plastic Bumpers (see sht. 14 of drawing) to the bottom face of the panel using the #8 – 1" PFH Self Tapping Screws that are provided with the bumper. See sheet 13 of drawing for bumper placement.
- 6.5 Insert plastic screw caps provided with the 3-Hole Plastic Bumper into the bumper.
- 6.6 If your unit has screens load them into the frame at this time.