

Integrity Wood-Ultrex Sliding Patio Door Supplemental Installation Instruction



ABSTRACT: These instructions are intended as a supplement to the door installation instructions included with the door. Follow those instructions for rough opening preparation, general installation techniques, flashing and sealing steps. These instructions include details on shipping block removal, additional fastening, installing bumper blocks, and removing operator panels. **As always, read all instructions in their ENTIRETY before installing the door.**

You Will Need to Supply

Tape measure	Sealant
Level or laser level	Shims
#2 Phillips screwdriver	Drill
Safety glasses	#8 x 3" Flat head screws

Standard Parts Shipped

Unit is sent with a handle set, screen, stop blocks, thumb tack bumpers, roller adjustment cap, #8x1 1/2" pan head screws and #8x3" pan head screws. 3-wide units will also receive two door stops.

NOTE: Numbers listed in parentheses () are metric equivalents in millimeters rounded to the nearest whole number.

Jamb Extensions

If you are installing jamb extensions or installing a unit with factory applied jamb extensions, it will be necessary to add an additional 1/4" (6) measurement to the overall rough opening width and additional 1/8" (3) measurement to the overall rough opening height.

Replacement Parts

See Integrity Parts and Service Manual for ordering replacement parts or contact your local Integrity representative.

Installing the Door

1. From the interior side of unit, remove wing nut, machine screw and shipping block from the head jamb. Also remove shipping block from the sill between operator panel and stationary side jamb. Open operator panel and remove shipping spacers from installation screw holes in the locking jamb. Remove shipping blocks under the operator panel, one per side. Slide the panel to reveal the blocks. (3W OXO doors will have shipping blocks applied to the operator panel with an adhesive tape, simply remove.) See figure 1.

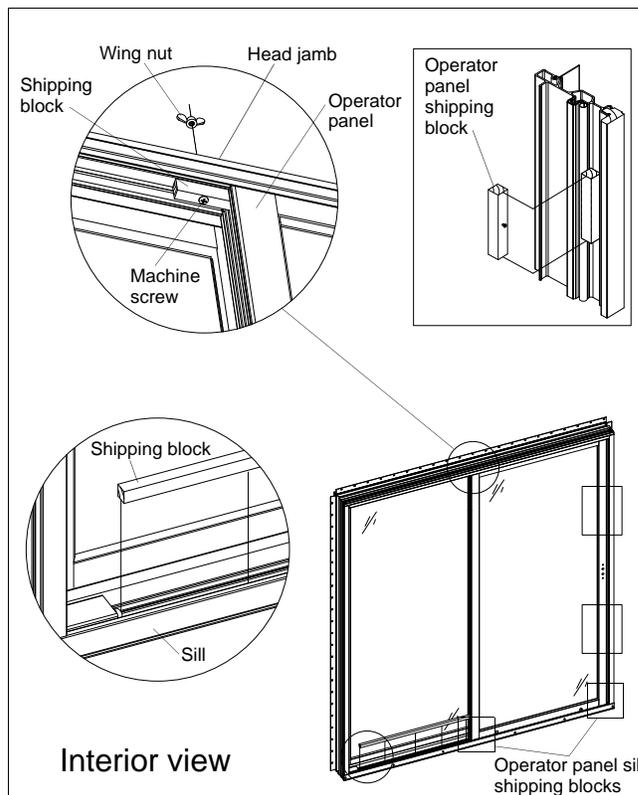


Figure 1

Fastening Details

2. Shim between the rough opening header and the unit head jamb within 1" (25) to 2" (51) of the predrilled installation screw hole(s) near the center of the unit. Check the head jamb to be sure it is not bowed up or down. On two wide doors, fasten head jamb to the rough opening with #8x3" pan head screws. Predrilled holes are located approximately 38" (965) from each jamb. See figure 2.

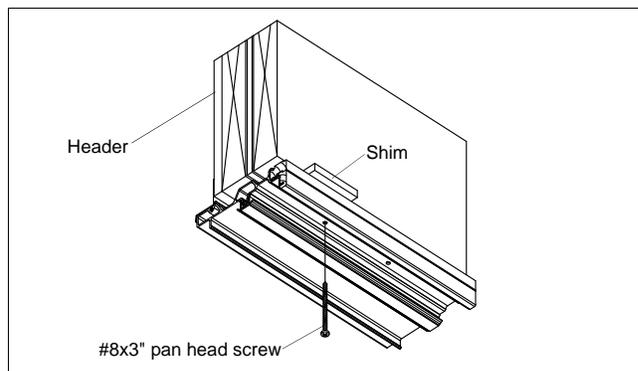


Figure 2 Head Jamb detail

IMPORTANT

Do not over-tighten installation screws, you may bow or distort the jambs causing poor performance and/or operation.

3. Shim between the rough opening and the side jambs within 1" (25) and 2" (51) of the two predrilled installation screw holes on each side. Fasten side jambs to the rough opening using the #8x3" pan head screws provided. Recheck each side jamb to ensure plumb, adjust screws and shims if needed. Check shim placement around the unit. Shims should be placed 4" (102) on each side of the top corners and 4" (102) up from sill along the side jambs. Also shim within 1" to 2" of each installation screw. Add shims as required. See figure 3.

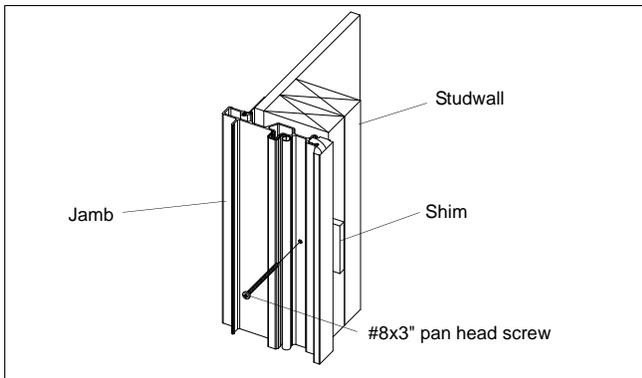


Figure 3 Jamb Detail

4. Install one #8x1 1/2" (two on 3W OXO) pan head screws provided through sill stationary panel brackets into the subfloor. (If door is installed on concrete subfloor, install concrete screw anchor.) See figure 4.

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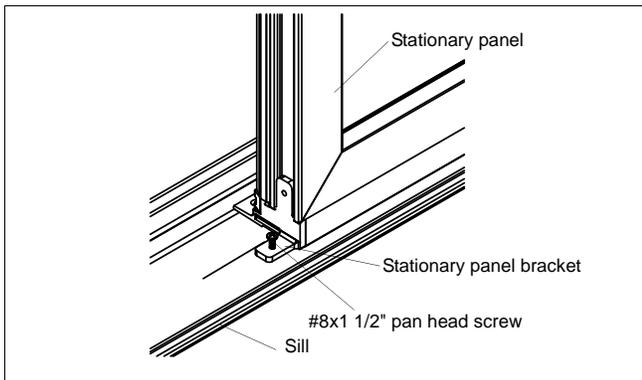


Figure 4 Exterior view

5. Permanently fasten nailing fin to exterior sheathing, space fasteners 10" (254) apart maximum along the side and head jambs. Install the two nailing fin corner gaskets at the head jamb corners. Apply sealant along each nailing fin corner gasket as shown in figure 5.

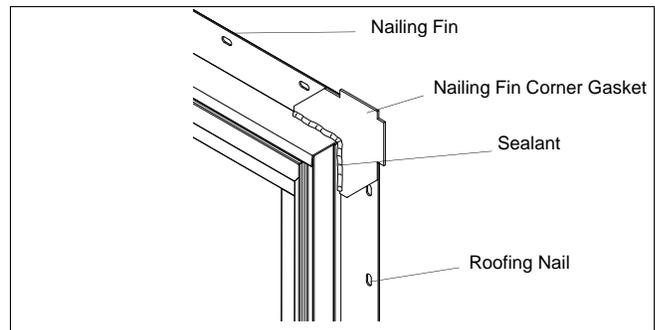


Figure 5

IMPORTANT

Integrity nailing fin is not designed to be a weatherproof flashing.

Installing the Handle

6. If the handle has a keyed cylinder, insert it into the door stile. Place the exterior handle on the door with grip pointed toward the glass. Insert the lock lever into the interior stile. Place the interior handle on the door with the grip pointed toward the glass. Install the 2" machine screws through the handles and tighten. See figure 6.

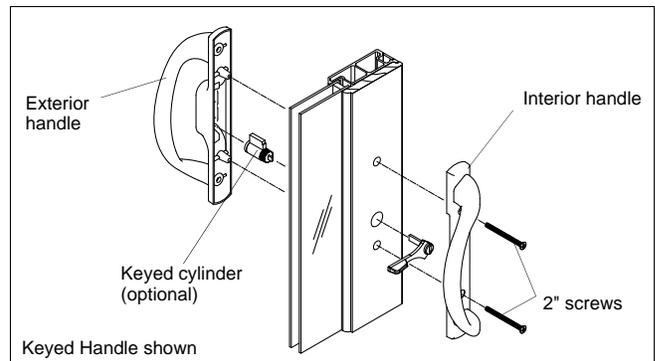


Figure 6

7. Install the panel strike on all doors with two #8 x 2 1/2" pan head screws provided. (For OXO door strikes use the supplied #10x1" pan head screws.) Position strike to center screws in adjustment slots and tighten. Adjust the strike vertically for proper latch engagement if needed. See figure 7.

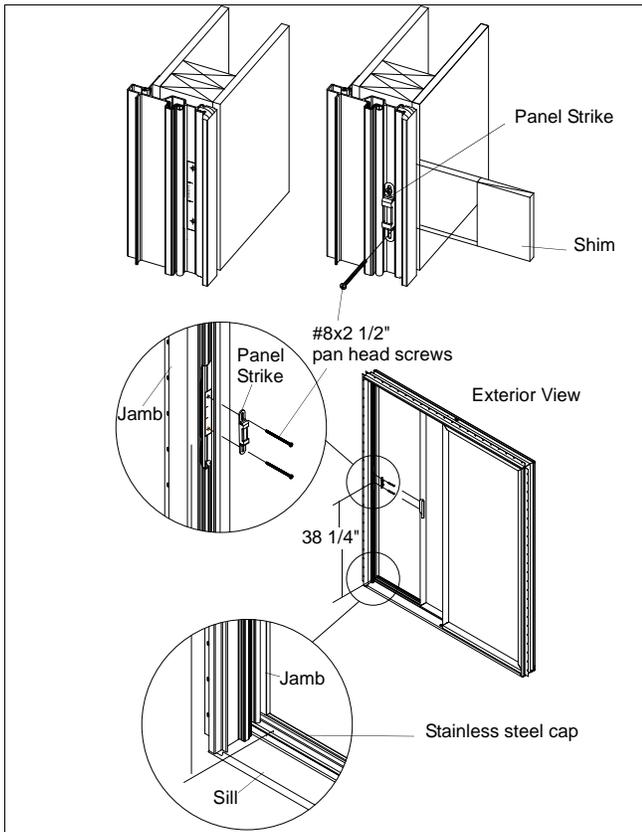


Figure 7

8. After the door and strike are aligned, adjust the latch pull by turning the adjustment screw to move the latch in or out of the mortise lock. The operator panel should be pulled snug by the lock, slight resistance should be felt at the end of the turn lever travel when locking if properly adjusted. See figure 8.

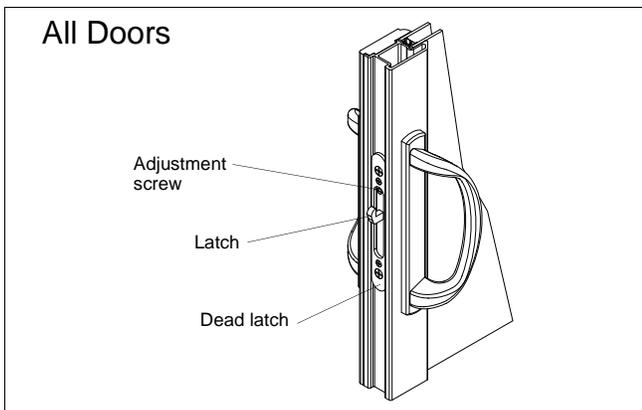


Figure 8

**Installing the Operating Panel Stop Blocks
(Use for all units with the exception of 3W OOX and XOO configurations)**

NOTE: The operating panel stop blocks should be finished to match the door before installation.

9. Hold each block in place and determine which end to install the bumper in (bumper toward operator panel). Center the bumper on the interior side of the end and tap into block. See figure 9. Remove adhesive tape backing from block. Position against the stationary side jamb as shown and press into place.

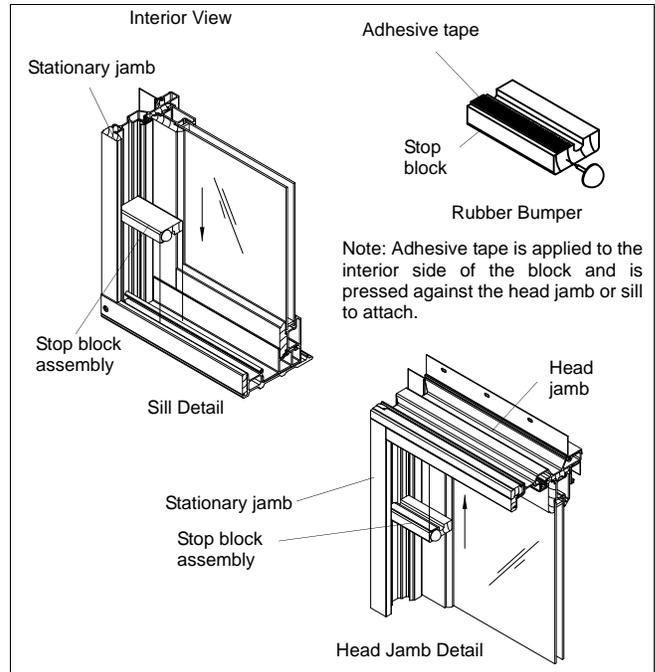


Figure 9

**Installing the Door Stop
(For 3W OOX or XOO configurations only)**

10. Attach the door stop in pre-drilled holes at the top and bottom of the stationary panel on OOX and XOO units. Remove the rubber tip by pulling it off the stop before installing. Replace it once the stop has been positioned correctly with the tip facing the operating panel. See figure 10.

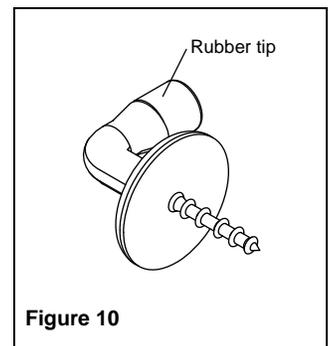


Figure 10

Operator Panel Removal

11. Unlock and open the panel. Lower the panel completely. Remove the exposed screws fastening the panel guide to the head jamb. See figure 11.

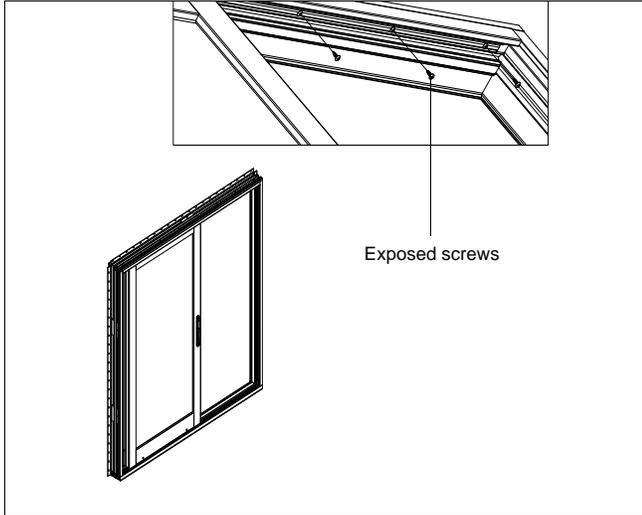


Figure 11

12. Close and lock the operator panel. Remove the remaining screws fastening the operator panel guide to the head jamb. Remove the panel guide and fastener from the unit as shown in figure 12.

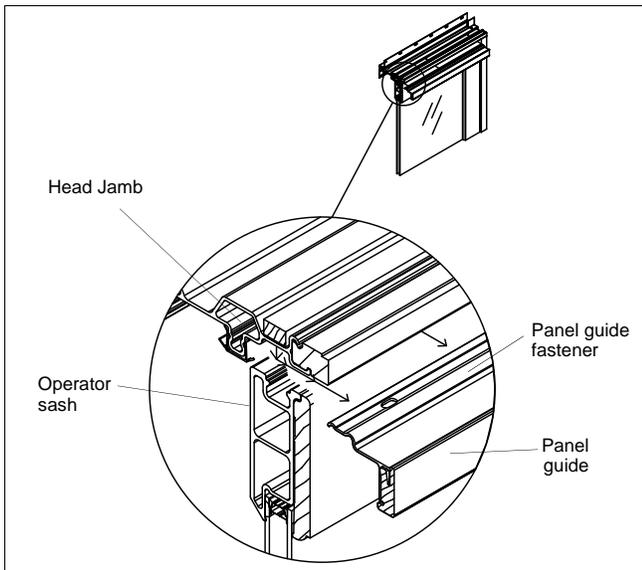


Figure 12

13. Unlock panel and slide away from the jamb, grasp stiles, tip top of the panel to the interior until clear of interior trim, carefully lift off sill.
14. To reinstall, set bottom rollers on sill track, check to ensure they are properly aligned by sliding the panel along the sill. Slide panel against locking jamb and engage mortise lock, check panel to ensure it is secured to the jamb.

15. Reapply panel guide and fastener to head jamb. Secure the screws removed earlier (on stationary panel side). Unlock panel and slide completely open, fasten the panel guide with the remaining screws.
16. Check panel for proper operation and adjust if necessary.