Integrity All Ultrex Sliding Patio Door
Supplemental Installation Instruction

ABSTRACT: These instructions are a supplement to the main installation instructions included with the door which include steps for R.O. preparation, general installation, and flashing and sealing steps. These instructions include details on shipping block removal, additional fastening and installing bumper blocks. As always read all instructions in their ENTIRETY before installing the door.

WARNING!
These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

You Will Need to Supply
• Tape measure
• Sealant
• Level or laser level
• #2 Phillips Screwdriver
• Safety Glasses
• Shims
• Drill
• Crescent wrench

Standard Parts Shipped
• Handle Set
• Thumb tack bumpers
• Stop Blocks
• Roller Adjustment cap
• #8x1 1/2" pan head screws
• #8x3" pan head screws
• (2) door stops (on 3-wide units only)
• Jamb blocks (6 for OX/XO or OOX/XOO) (4 for OXO)

Shipping Block Removal
1. Remove shipping blocks wedged between the panels and jambs. See Figure 1.

Figure 1

2. Remove the wing nut, bolt, and shipping block. See Figure 2

Figure 2
NOTE: Numbers listed in parentheses () are metric equivalents in millimeters rounded to the nearest whole number.

NOTE: Units mulled to a transom have a 2” (51) screw instead of a wing nut and bolt. Remove and discard the screw on mulled transom units.

3. Open operator panel and remove shipping blocks found on both ends beneath the panel.

4. Remove the rubber bumpers from the two pre-installed jamb blocks on the operator jamb. See Figure 5.

**Additional Fastening**

After the unit is square and plumb in the opening and the operating panel operates well, shim on either side and/or above the pre-drilled screw holes at the head jamb and jamb, being careful not to bow or twist the jamb/head jamb.

1. Shim and fasten with the #8 x 3” screws along the head jamb at predrilled screw holes vacated by the shipping block bolts and wing nut. See Figure 6. **Units mulled to a transom will not require additional**

fastening at the header.
3. Remove the screws from the 2 pre-installed blocks from the factory and replace with #8x3" screws. Place two additional jamb blocks in the operator jambs at pre-drilled screw locations. See Figure 8 and Figure 9. The stationary jamb does not require jamb blocks.

NOTE: 3-Panel OXO configurations do not require any additional jamb blocks in the operator jamb. Proceed to the next step.

4. Apply a dab of silicone, then fasten through the sill at the leveling block end cap(s) with the #8x1 1/2" screw. (OXO doors have two end caps) See Figure 10.
NOTE: Refer to the installation instructions for technical specifications of hardware and sealants.

5. Place 4 jamb blocks in the head jamb at the locations outlined in the table below Figure 11 and secure with #8 x 5/8" pierce-point screws as shown in Figure 12.

NOTE: For special sizes, refer to the next narrowest call number size.

Install the Keeper

Once the door is properly fastened to the opening and the door operates correctly, install and adjust the keeper as shown below.

6. Use the pre-drilled holes in the locking jamb to fasten the keeper to the jamb and rough opening. Shim and fasten with the installation screws provided. See Figure 13.
7. To adjust the keeper, move the operator panel toward the locking jamb and move the lever on the lock so the mortise lock is engaged. Align the flat location of the latch with the top edge of the hole in the keeper. See Figure 14.

**Figure 14**

NOTE: OXO configurations use #8 x 1 1/4" keeper installation screws. XO/XO and XOO/OOX configurations use #8 x 3" keeper installation screws

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**Bumper Block Installation-OX/XO Configurations**

1. Push the thumb tack bumper into the end of the bumper block. Remove the backing from the adhesive tape and adhere to the head jamb as shown in Figure 15. The block should fit tightly against the corner key.

**Figure 15**

2. Push the thumb tack bumper into the end of the sill block as shown in Figure 16. Remove the backing from the adhesive tape on the sill bumper block and adhere to the stationary panel as shown. The block should fit tightly against the jamb.

**Figure 16**

NOTE: Sill block profile is slightly different for the Bronze and Ebony interior units but installation of the block will follow the same instructions.
Door Stop Installation for XOO/XOO Configurations

1. Attach the door stop in the 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 before installing. Replace it once the stop has been positioned correctly with the tip facing the operating panel. See Figure 17.

NOTE: A crescent wrench may be needed to fully install the door stop. Be careful not to mar the stop when utilizing tools to install it.

Installing the Handle and Strike

1. If the handle has a keyed cylinder insert it into the exterior door stile. Place the exterior handle on the door with the grip pointed toward the glass. Insert the lock lever into the interior stile. Place the interior handle on the door over the lock lever with the grip pointed toward the glass. Install the 2”(51) machine screws through the handles and tighten. Figure 18.

2. 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 19.

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<tbody>
<tr>
<td>1</td>
<td>Latch adjustment screw</td>
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<tr>
<td>2</td>
<td>Latch</td>
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Figure 17

Figure 18 Keyed Handle shown

- 1: Keyed Cylinder (optional)
- 2: Exterior handle
- 3: Lock Lever
- 4: Interior Handle
- 5: Machine Screws

Figure 19