

# Integrity All Ultrex Sliding Patio Door

## Supplemental Installation Instruction

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**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.

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### You Will Need to Supply

- Tape measure
- Sealant
- Level or laser level
- #2 Phillips Screwdriver
- Safety Glasses
- Shims
- Drill

### 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)
- (8) Jamb blocks

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### 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 mullered to a transom have a 2" (51) screw instead of a wing nut and bolt. Remove and discard the screw on mullered transom units.*

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



Figure 3



Figure 4

4. Remove the wood shipping blocks from the edge of the operator panel. See Figure 5.



Figure 5 Remove shipping blocks from the operator panel.

## ***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 mullered to a transom will not require additional fastening at the header.**

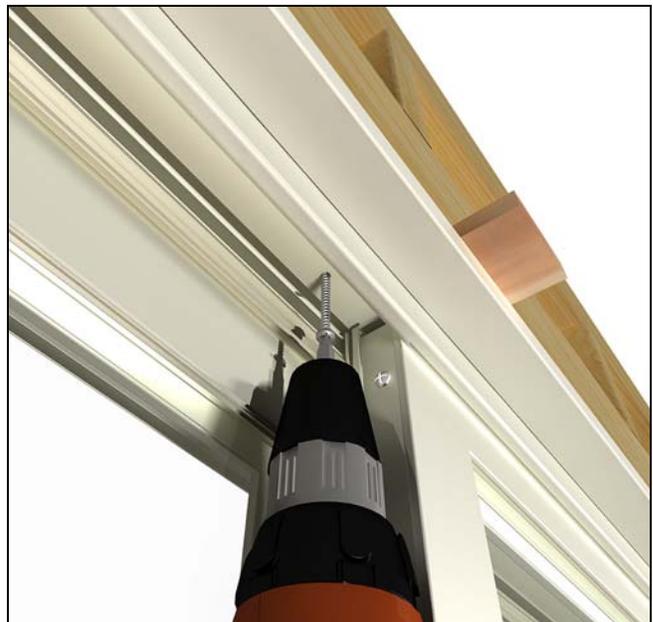


Figure 6

*NOTE: On OOX/XOO doors: additional holes are located approximately 4"(102) on both sides of the stationary panel spline.*

**2.** Shim and fasten through the stationary panel head jamb bracket. Replace factory applied screw closest to the stationary panel with #8x3" installation screw provided. See Figure 7.

*NOTE: There are two brackets on OXO units.*



**Figure 7**

**3.** Install jamb blocks, shim and fasten with the #8 x 3" screws and jamb blocks in the operator jamb. Place 4 jamb blocks in the operator jambs at predrilled screw locations. The stationary jamb does not require jamb blocks. See Figure 8.

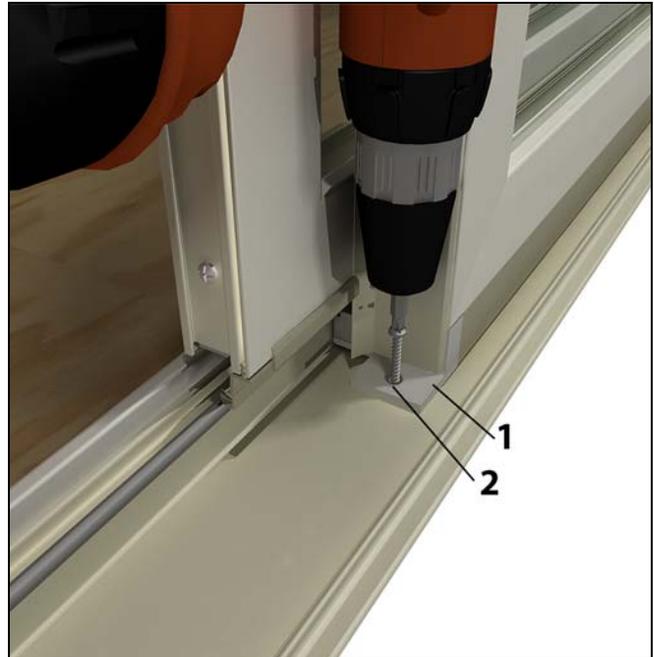
*NOTE: 3-Panel OXO configurations only require blocks in the head jamb. Proceed to the next step.*



**Figure 8**

**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 9.



**Figure 9 Apply silicone and fasten through end cap**

1	Leveling block end cap.
2	Silicone.

*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 10 and secure with #8x5/8" pierce-point screws as shown in Figure 11.

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

*NOTE: For 3-panel doors 6-10 and under, place the jamb blocks only over the operator panel and the stationary panel past which the operator slides.*

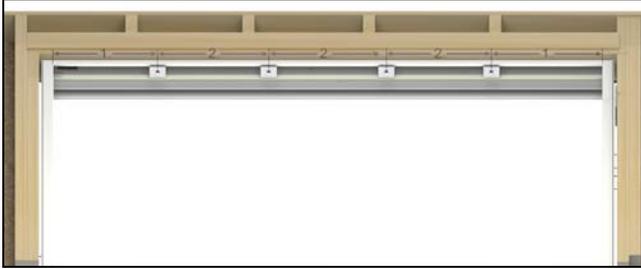


Figure 10

1	For doors <CN 5-10: 12" from operator jamb For doors >CN 5-10: 14" from the operator jamb
2	For doors <CN5-10: every 12" . For doors >CN 5-10: every 14"



Figure 11

## 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 predrilled 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 12.



Figure 12

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 13.

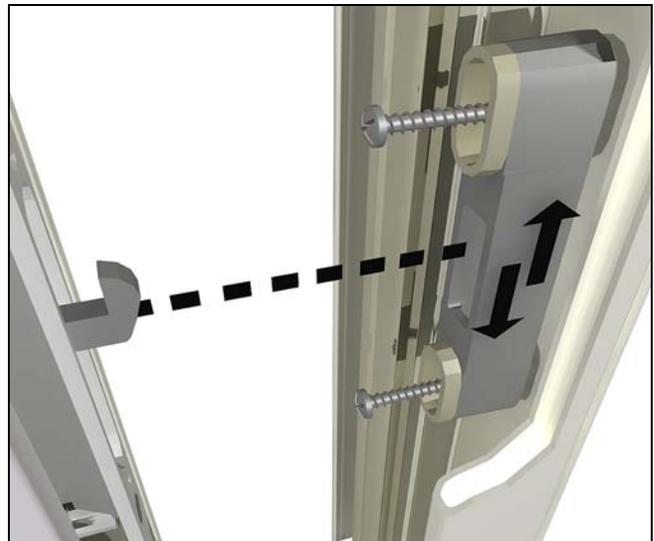


Figure 13

*NOTE: OXO configurations use #8x1 1/4" keeper installation screws. XO/XO and XOO/OOX configurations use #8x3" 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 paper backing from the adhesive tape and adhere to the head jamb as shown in Figure 14. The block should fit tightly against the corner key.



Figure 14

2. Push the thumb tack bumper into the end of the sill block as shown in Figure 15. Remove the paper 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 15

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## **Door Stop Installation for XOO/XOO Configurations**

1. Attach the door stop in the predrilled 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 16



Figure 16

## 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 17.



Figure 17 Keyed Handle shown

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

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 18.

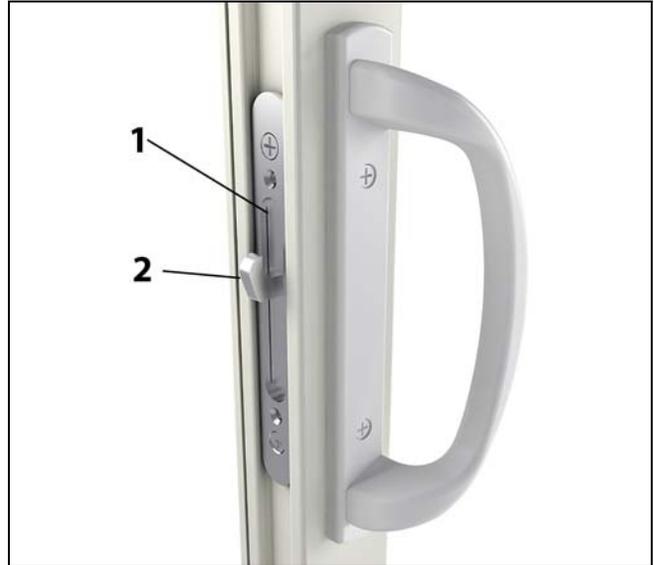


Figure 18

1	Latch adjustment screw
2	Latch