Integrity All Ultrex Series Sliding Patio Door
Supplemental Installation Instruction

ABSTRACT: These instructions are intended as a supplement to the door installation instructions included with the door or at integritywindows.com. Follow those instructions for rough opening preparation, general installation techniques, 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.**

You Will Need to Supply	
Tape measure	Sealant
Level or laser level	Shims
#2 Phillips screwdriver	Drill
Safety glasses	

NOTE: Refer to the installation instruction for technical specifications of hardware and sealants.

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

Standard Parts Shipped	
Handle set	Stop blocks
Thumb tack bumpers	Roller adjustment cap
#8 x 1 1/2" pan head screws	
#8 x 3" pan head screws	
*3 Wide units will also receive 2 door stops	

Shipping Block Removal

1. Remove wood shipping blocks wedged between operator panel and the jamb and the stationary panel and locking jambs. See figure 1.

Figure 1

2. Remove wing nut, bolt and discard shipping block. See figure 2. Units mulled to a transom unit have a 2"(51) screw instead of the wing nut and bolt. Remove and discard the 2"(51) screw for transom unit mull.

Figure 2

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

Figure 3

4. Remove the shipping blocks from inside of the operator panel. See figure 4.

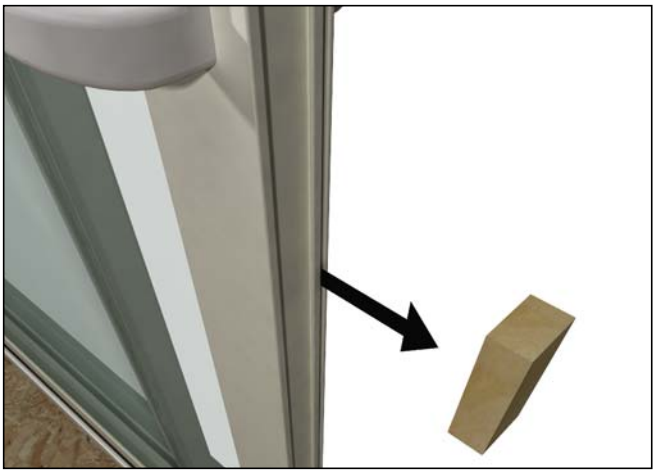

Figure 4

Additional Fastening

After the unit is square and plumb in the opening and operating panel operates sufficiently, 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 head jamb at predrilled screw holes vacated by the shipping block bolts and wing nut. See figure 5. **Units mulled to a transom will not require additional fastening at the header.**

Figure 5

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 #8 x 3" installation screw provided. See figure 6.

NOTE: There are two brackets on OXO units.

Figure 6

3. Shim and fasten with the #8 x 3" screws along jambs at predrilled screw locations. See figure 7.

Figure 7

4. Apply a dab of silicone, then fasten through sill at the leveling block end cap(s) with the #8 x 1 1/2" screw. (OXO doors have two end caps.) See figure 8.

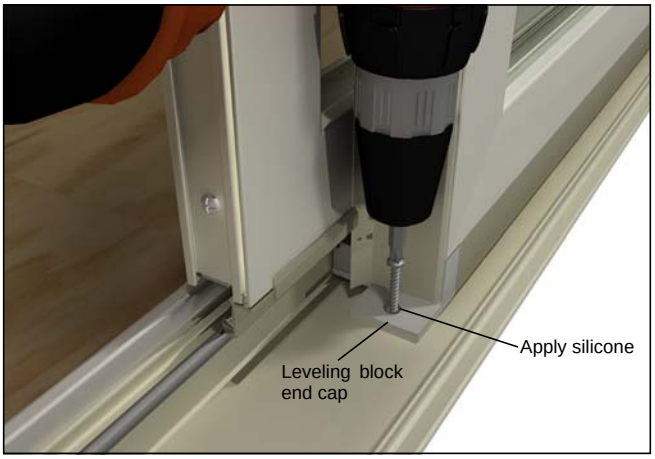

Figure 8

Install Keeper

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

1. 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 9.

Figure 9

2. To adjust the keeper, move the operator toward the locking jamb and engage the lever on the lock so the mortise lock latch is engaged. Align the flat location of the latch with the top edge of the hole in the keeper. See figure 10.

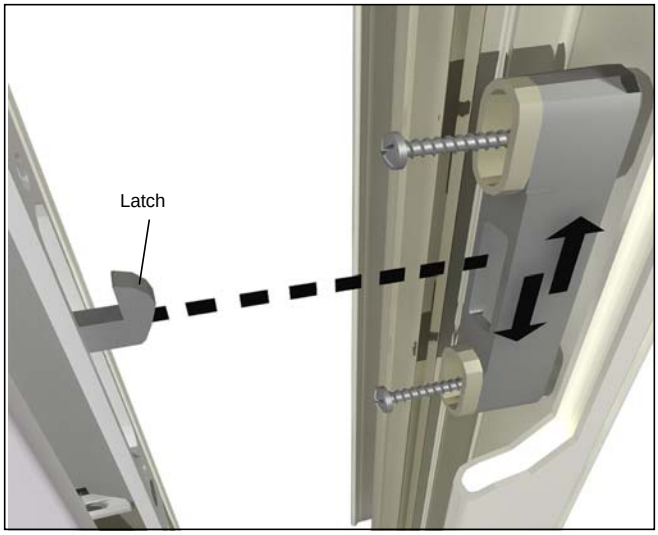

Figure 10

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

Bumper Blocks OX/XO Configurations

1. Push the thumb tack bumper into the end of the bumper block as shown in figure 11. Remove the paper backing from the adhesive tape on bumper block and adhere to head jamb as shown. Block should fit tightly against the stationary jamb.

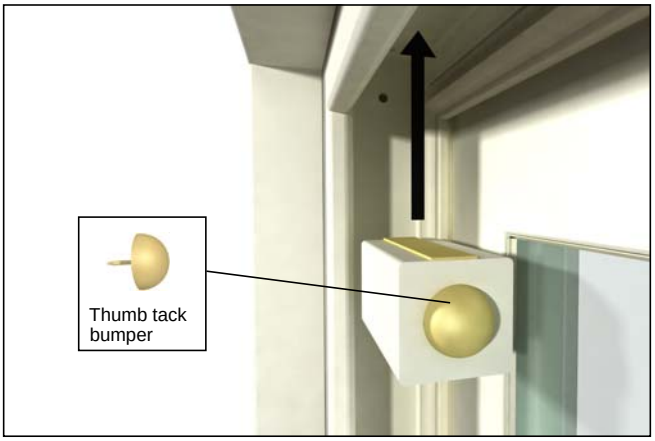

Figure 11

2. Push the thumb tack bumper into the end of the sill block as shown in figure 12. Remove the paper backing from the adhesive tape on the sill bumper block and adhere to stationary panel as shown. Block should fit tightly against the jamb.

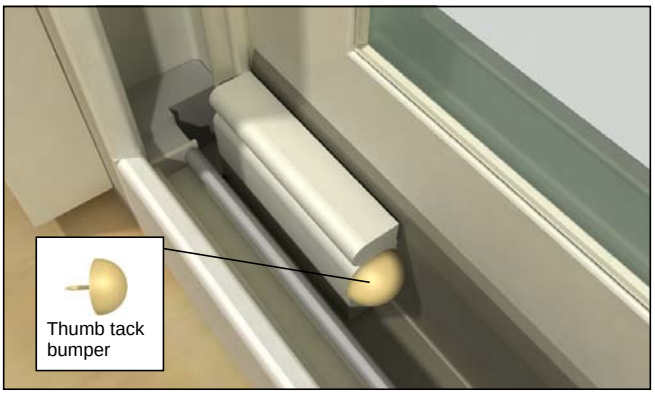

Figure 12

Door Stop XOO/OOX Configurations

1. Attach the door stop (see figure 13) 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.

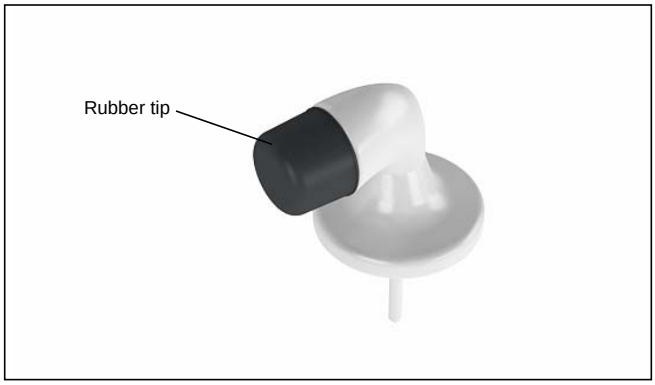

Figure 13

Installing the Handle

1. If the handle has a keyed cylinder, insert it into the exterior door stile. Place exterior handle on door with 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. See figure 14.

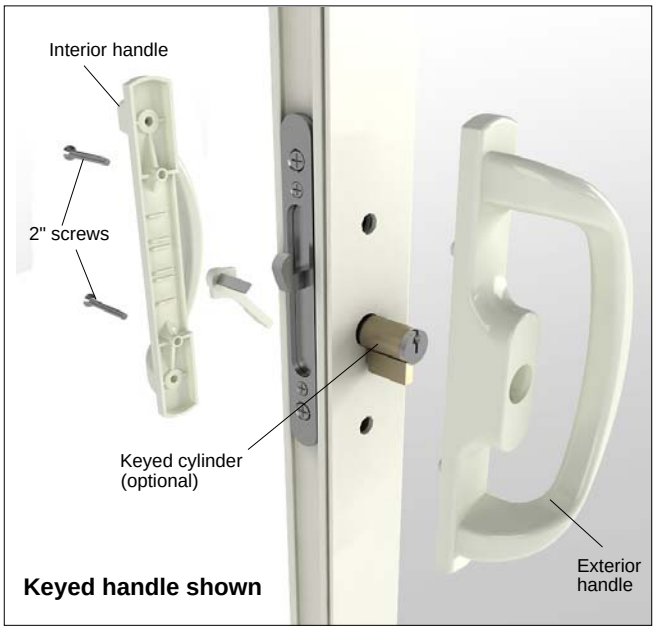

Figure 14

2. 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 #10 x 1" 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 15.

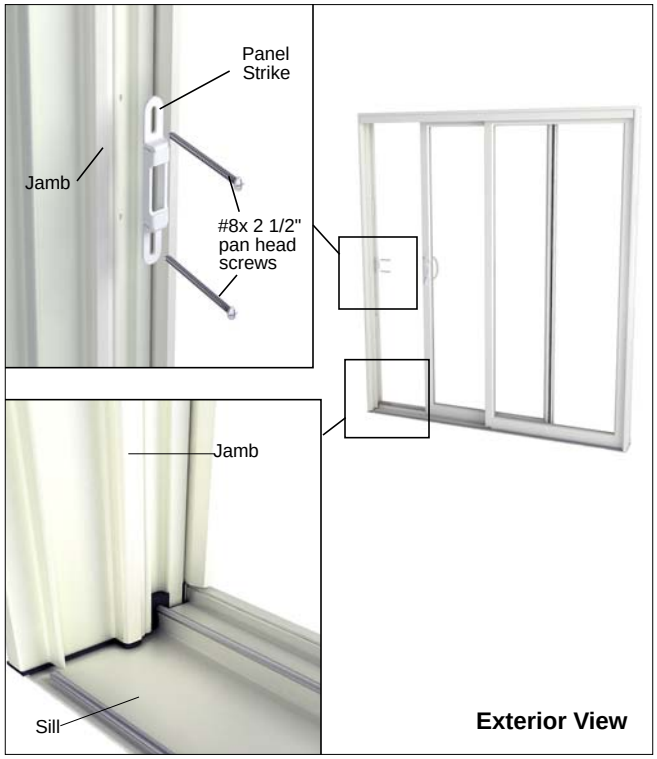

Figure 15

3. 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 16.

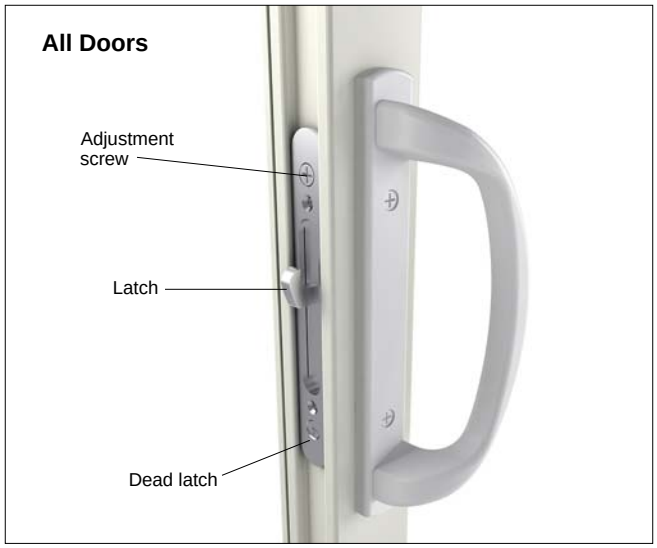

Figure 16