

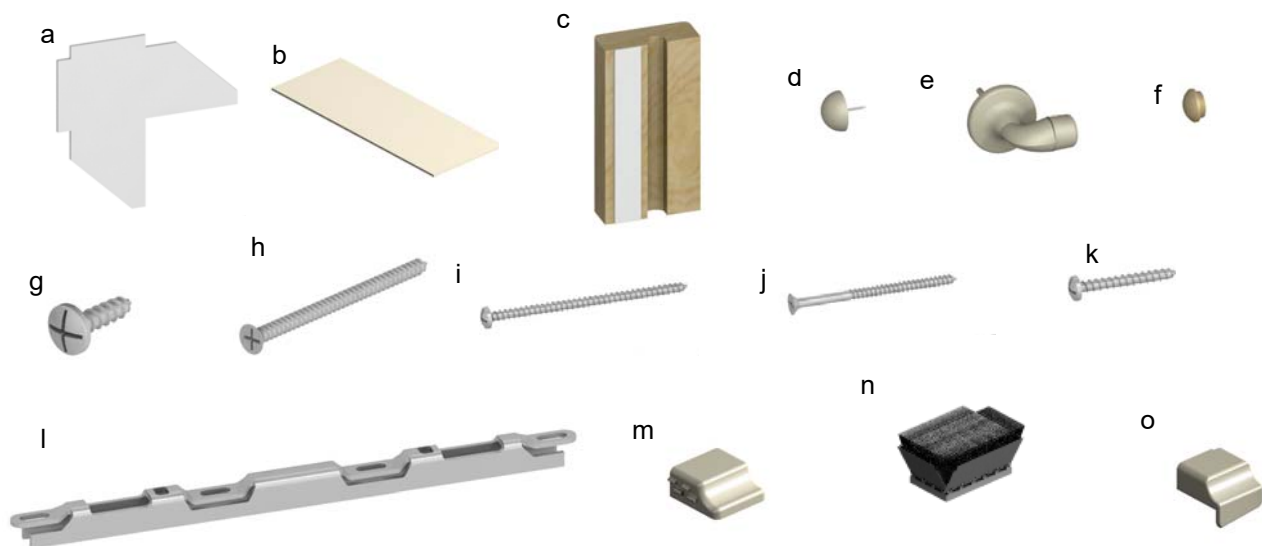
Integrity Wood-Ultrex Sliding French Door Installation Instruction

ABSTRACT: Read all instructions in their entirety. These instructions are intended as a supplement to the door installation instructions included with the door. Note the installation differences for each door configuration.

Description	Quantity Supplied (per kit)				
	XO/OX	OXO	XOO/OOX	OXXO	HP/IZ3 Supplement Kit
Nailing Fin Corner Gasket (a)	1	1	1	1	
Nail Fin Gasket (b)	1	1	1	1	
Operator Stop Block (c)	2	2		4	
Thumb Tack Bumper (d)	2	2		4	
Door Stop, Beige (e)			1 pair		
Operator Adjustment Hole Plug (f)	2	2	2	4	
#8 x.625 Truss Head Screw (g)				8-16	
#8 x 2 1/2" Flat Head Screw (h)				5	
#8 x 3" Pan Head Screw (i)	18	14	20	20	3-5
3/16" x 2 3/4" Flat Head Masonry Screw (j)				3	8 or 12
#10 x1 1/2" Pan Head Screw (k)		4			
Keeper (l)	1	1	1	1	
Top Stationary Bracket Cover (m)	1	2	1	2	
Screen Dust Block (n)	2	2	2		
Leveling Block End Cap (o)	1	2	1	2	

NOTE: Instruction for units ordered on or after 4/25/2016.

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



Note: Illustrations are not to scale.

Remove Shipping Blocks

1. From interior side of unit, remove wing nut, machine screw and shipping block from the head jamb. See figure 1.

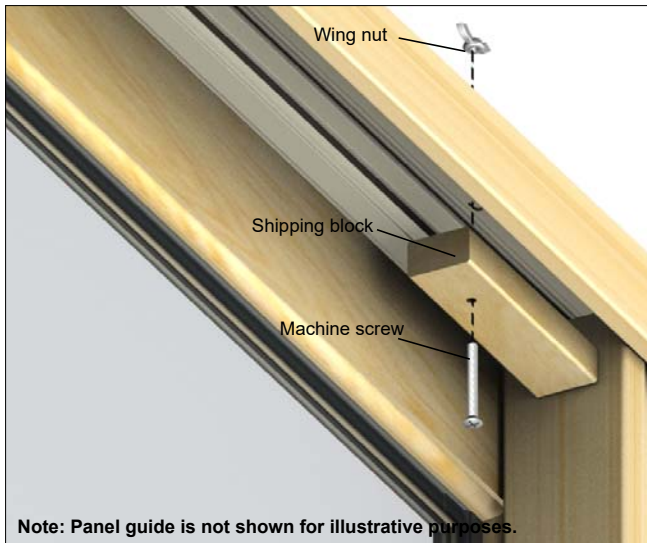


Figure 1

2. Remove shipping block from the sill between operator panel and stationary side jamb. See figure 2.

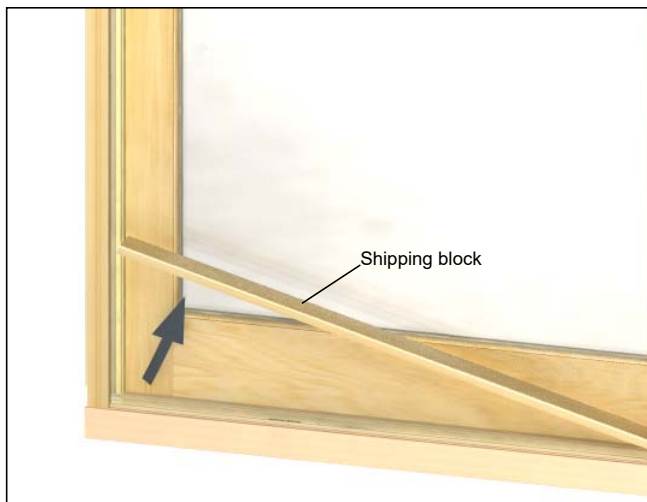


Figure 2

3. Adjust the operator panel up by turning clockwise 1 or 2 clicks or just enough to allow panel to roll freely. (For optimal performance operator panel should not be raised more than needed for smooth operation.) See figure 3.
4. When adjusting is complete, cover holes with plugs provided.

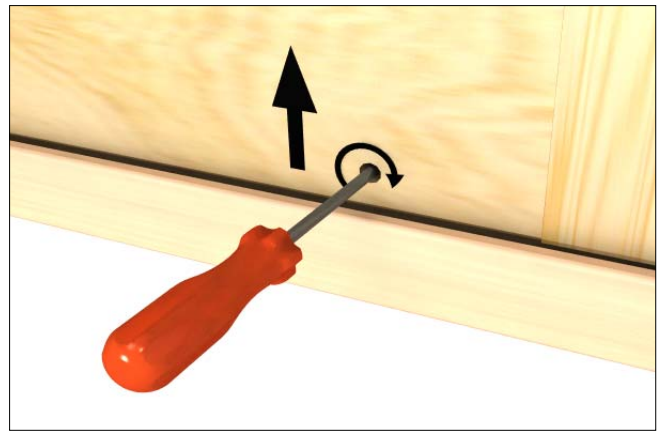


Figure 3

Permanently Securing the Unit

1. Using the general door installation instructions, square and plumb the door in the opening. Then shim between the rough opening header and the unit head jamb within 1"-2" (25-51) of the top stationary panel bracket(s). Check the head jamb to be sure it is not bowed up or down. See figure 4.



Figure 4

2. On **non mullied units**, remove the 1" screw (1) with label and discard. Use the #8 x 3" SS pan head screw (2) to fasten the unit to the rough opening through all top stationary panel brackets. See figure 5.

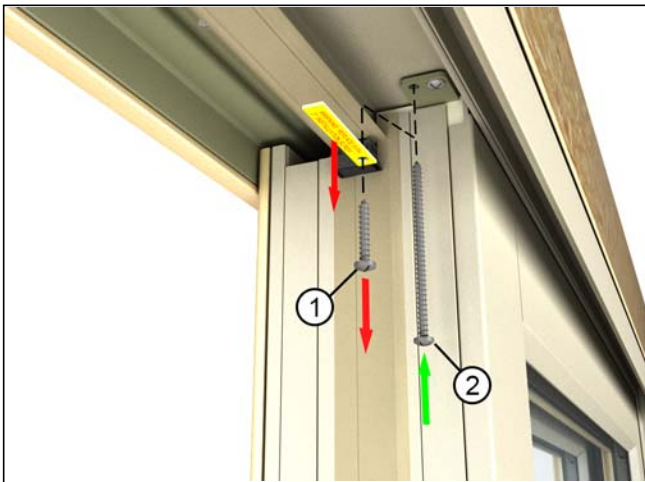


Figure 5 Discard (1) 1" pan head and replace with (2) 3" pan head

IMPORTANT

Do not remove the #8x1" interior head jamb bracket screw on any units with a horizontal mull above. The #8x3" screw should **not** be used on these assemblies.

3. **OXXO Configurations Only:** Shim above head jamb strike plate and fasten to rough opening using five #8 x 2 1/2" flathead screws through the empty holes in the head jamb strike plate. Check the head jamb to be sure it is not bowed up or down. See figure 6.



Figure 6

4. Using pearl white #8 x 3" pan head screws, fasten jambs through pre-drilled holes. Make sure to add shims within 1"-2" of each hole location. See figure 7. For more information on shimming, please refer to the general door installation instruction.



Figure 7

5. Leave specified pre-drilled holes on operator jamb open for keeper installation. Check jambs to be sure they are not bowed. Adjust shims and installation screws as necessary. See figure 8.

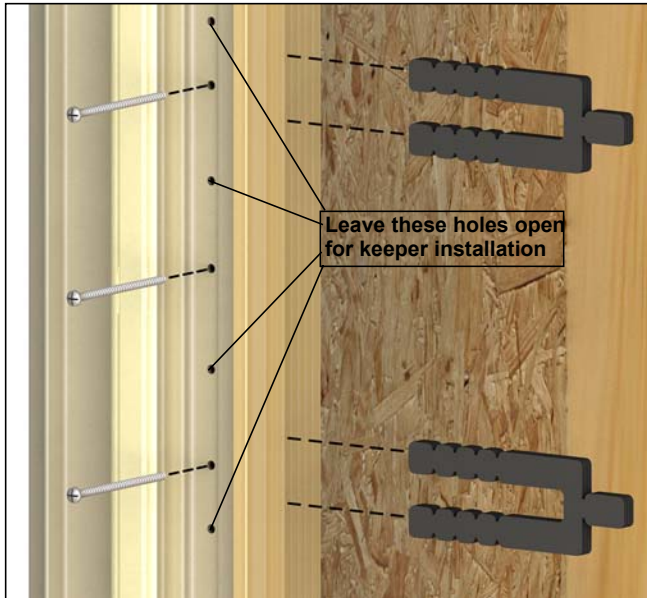


Figure 8

NOTE: Proper shimming is extremely important. Under shimming or over shimming on the operator jamb and head jamb can cause locking and/or operational issues.

6. **Standard OXXO:** Secure the sill to the sub floor with provided 3/16" x 2 3/4" flat head masonry anchor screws through all three pre-drilled holes. See figure 9.



Figure 9

7. **HP/IZ3:** Secure the sill to the sub floor with two 3/16" x 2 3/4" flat head masonry anchor screws in each bracket. First, pre-drill the outer two holes using 1/8" drill bit and then drive the two screws through the outer two holes of every sill installation clip. Installation clips should be positioned 6" from both ends of sill and 6" on either side of each meeting stile. See figure 10.



Figure 10

8. Wipe down the interior side of sill and apply provided sill liner by peeling the backing off the tape, aligning with the end of the sill and **flush with the top of the sill dam**. Apply pressure to allow tape to make good contact and adhesion with sill. See figure 11.



CAUTION

Proper use and installation of the provided sill liner is required to meet advertised structural performance. It is also designed to prevent damage to roller track due to foot traffic.



Figure 11

IMPORTANT

For OXXO configurations, go to the OXXO Panel Installation section.

9. **All Configurations (except OXXO):** Finish securing the head jamb by driving a #8 x 3" pan head screw through panel guide in the hole closest to the operator panel when it is in the closed position.

10. **OXXO Configuration:** Drive additional #8 x 3" pan head screw through the panel guide in the hole above the operator panel closest to the locking astragal. See figure 12.



Figure 12

11. **OOX/XOO Configuration:** Drive additional #8 x 3" pan head screws through the panel guide on both sides of the stationary panel mull trim. See figure 13.



Figure 13

12. **For HP/IZ3:** Fasten through every other hole in the head jamb panel guide into the rough opening with the #8 x 3" screws provided.



Figure 14

OXXO Panel Installation

Once the frame is fastened install the operating panels one at a time following these steps for each panel to ensure safety.

1. Set one operating panel on the roller track and slide in under the header strike (this will hold the panel so the panel guide can be installed).
2. Be sure the panel rollers are at the lowest setting to allow clearance of the panel guide. Slide the aluminum panel guide in above the panel and start fastening from the jamb with the provided 5/8" (16) truss head screws. See figure 15. With the operator panel in the closed position, install a #8 x 3" screw through the hole closest to the operator panel.

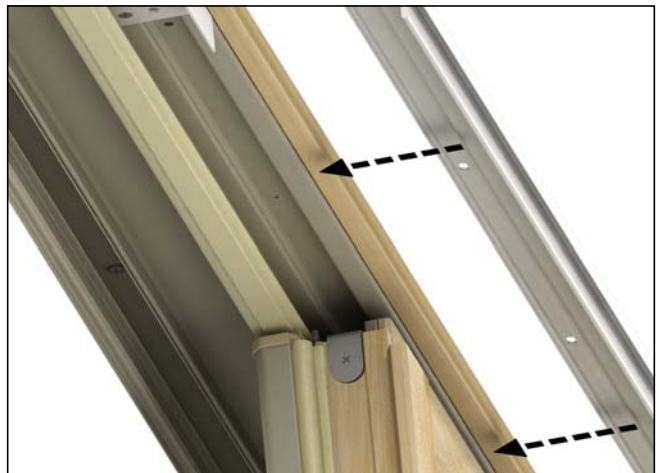


Figure 15

3. Slide the operator panel open and continue fastening the aluminum panel guide with 5/8" (16) truss head screws until the last hole next to the header strike plate. Install #8 x 3" installation screw into the last hole next to the header strike plate. See figure 16.



Figure 16

4. Repeat these steps for the second operator panel installation.
5. Once both operator panels have been installed (recheck the head jamb to verify it is not bowed) Adjust rollers up by turning clockwise 1 or 2 clicks or just enough to allow panel to roll freely. (For optimal performance operator panel should not be raised more than needed for smooth operation.) Attach the wood panel guide trim by snapping into the aluminum panel guide. See figure 17.



Figure 17

OXXO Handle Set Prep

NOTE: It is important that the handle sets be installed prior to installing the strike.

1. Using a 13/32"(10) drill bit, drill through the wood backer in the secondary panel stile by using the existing exterior holes in the Ultrex as a guide. See figure 18



Figure 18

2. Refer to instructions included with the handle sets to finish installation.

Installing/Adjusting the Strike

1. Install the strike with four #8 x 3" pan head screws (#10 x 1 1/2" for OXO configurations) provided. Position strike to center screws in adjustment slots and tighten. Adjust the strike vertically for proper latch engagement if needed. See figure 19.

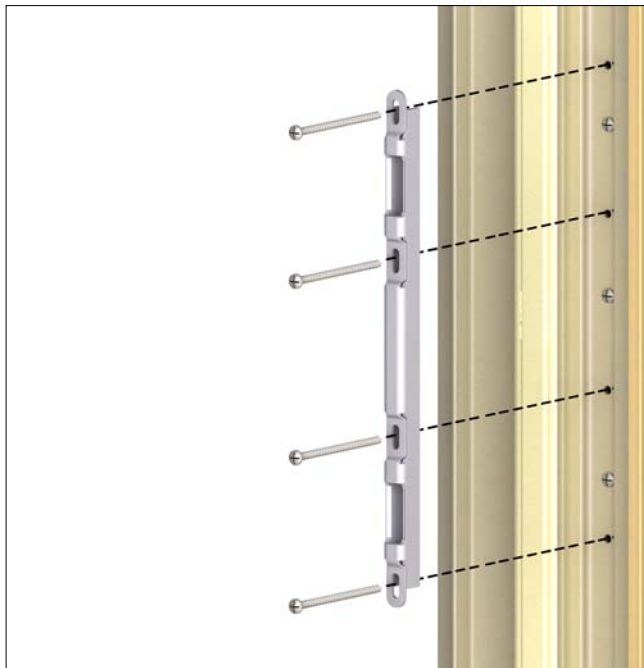


Figure 19

2. After the door and strike are aligned, adjust the latch hooks by turning the adjustment screws counterclockwise to move the hooks in or clockwise to move the hooks out of the mortise

lock. Each hook has a separate adjustment screw. See figure 20.

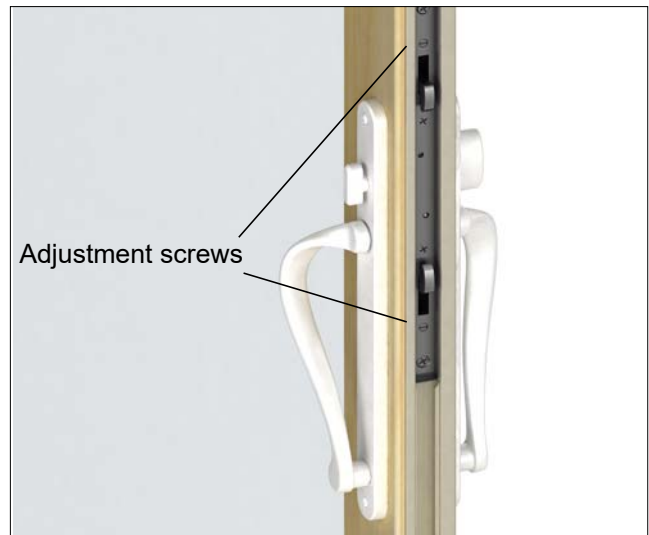


Figure 20

Installing Panel Bumpers

1. For bumper installation on OX/XO, OXO, and OXXO configurations, see figure 21. (For reference, adhesive tape is applied to the interior side of the block and is pressed against the head jamb or sill to attach.) 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. Remove adhesive tape backing from block. Position against the stationary side jamb and press into place.



Figure 21

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

2. For bumper installation on OOX/XOO, attach stop bumpers to top and bottom of stationary panel in pre-drilled holes, ensuring bumper head is positioned towards the operator panel as shown in figure 22.

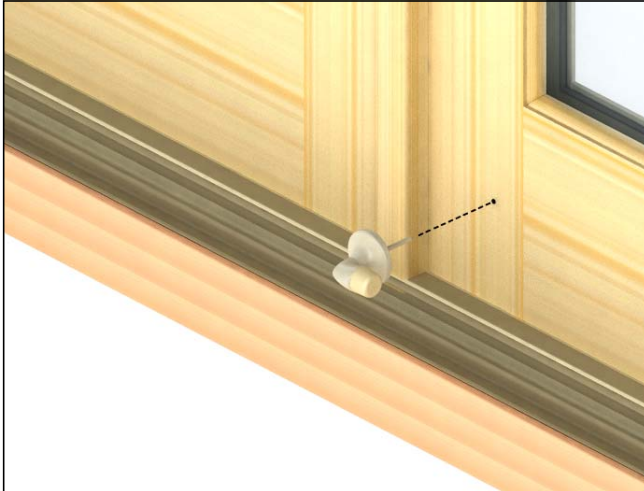


Figure 22

Bracket Cover and Leveling Block End Cap Installation

1. Install leveling block end caps by sliding firmly onto the end of leveling block(s). See figure 23.



Figure 23

2. Install top stationary bracket cover by pushing firmly up into place. See figure 24.



Figure 24

Screen Dust Block Application

Before the screen is installed into the unit, two dust blocks need to be added to OX/XO, OOX/XOO, and OXO configurations.

1. Place a dust block sitting vertically approximately 2" (51) from each end cap tight to the sill. See figure 25.

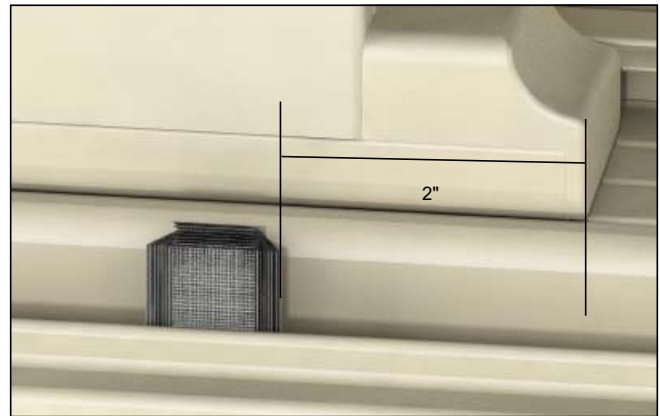


Figure 25

2. Place a dust block horizontally attaching it to the leveling block above the previous dust block as shown. See figure 26.

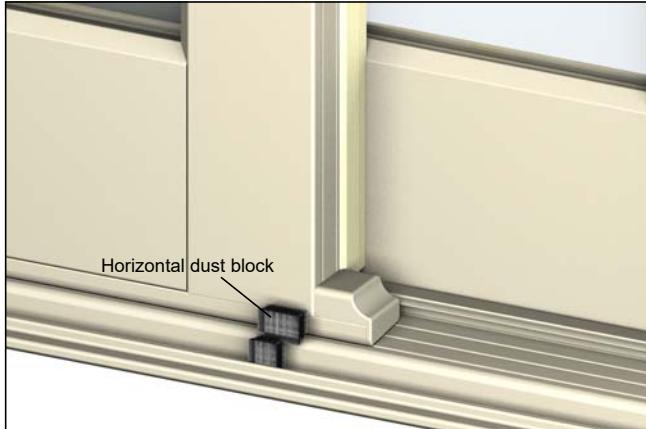


Figure 26

IZ3 Unit Prep- Installation Clips with Nailing Fin

IMPORTANT

Fasten IZ3 rated products to the rough opening using either installation clips and nailing fin or structural brackets.

1. Attach clips to the unit jambs and head jamb with #7 x 5/8" wood screws 6" (152) maximum from each corner and 18" (457) maximum around the unit perimeter for mullied units attach clips at maximum 6" from each side of the mullion. See figure 27.

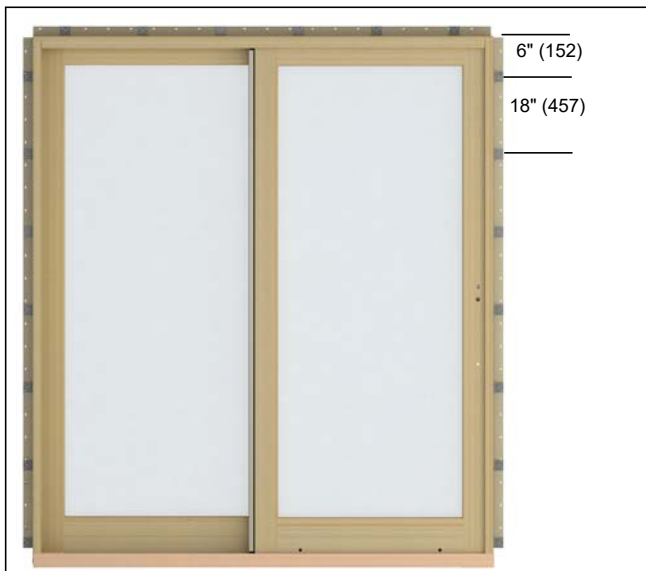


Figure 27

2. When using clips, use the screw holes in the clip as a guide and drill through the nailing fin with a 1/8" (3) drill bit. This will give you the location of the screw holes when you fasten the unit to the rough opening. See figure 28.



Figure 28

Structural Brackets

1. Attach structural brackets and structural mull brackets to the jambs and head jambs following the attachment method and spacing specified with the bracket instructions. See figure 29.

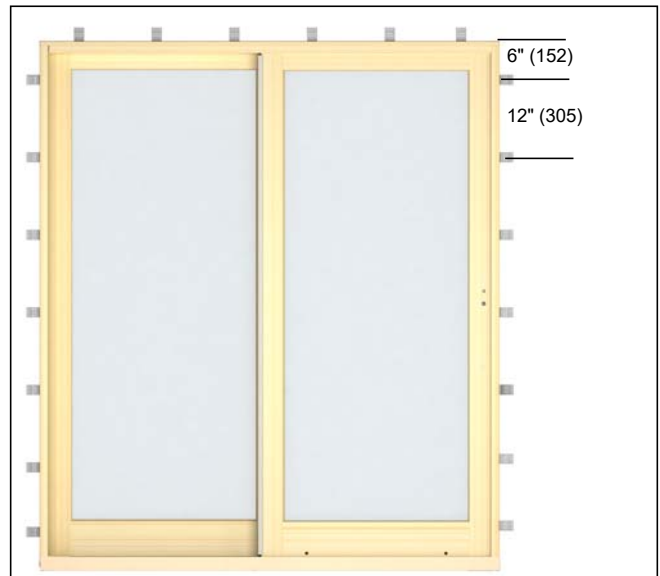


Figure 29