

VYTEX PREMIUM SLIDING GLASS DOOR

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PRECAUTIONS AND SAFETY:

General Precautions:

Do not work alone; we recommend using at least two people for installation to avoid personal injury or damage when working with patio doors.

Use caution when handling glass; broken or cracked glass can cause serious injury.

Wear necessary protective gear (gloves, safety glasses,)

Avoid wearing loose clothing, rings, or jewelry.

Secure tools when working on a ladder or scaffolding.

Secure and properly support the door until completely finished.

TOOLS REQUIRED

Drop Cloth

Utility Knife

Tape Measure

Rubber Hammer

Level

Phillips Head Screwdriver

Flat Head Screwdriver

Silicone Sealant

Shims

Step 1: INSPECT AND PREPARE DOOR

Inspect Door

Before beginning installation, inspect the door and confirm that you have the correct size, color, grid pattern, and that it is for the correct left hand or right hand operation. Also check for any obvious damage or defects. Measure the existing door and confirm that the new door unit will fit in the opening.

Unpack the frame pack and make sure that you have the following parts before beginning installation:

ITEM	AMOUNT	CHECKED
INSTALLATION MANUAL	1	
SILL	1	
HEAD	1	
JAMBS (2)	1	
DOOR PANEL (MOVABLE-X)	1	
DOOR PANEL (FIXED-O)	1	
INTERLOCK SNAP IN PARTS	2	
POCKET COVERS	3	
SCREEN DOOR	1	
HANDLE	1	
SCREW PACK	1	
INTERLOCK SCREW COVERS	2	
ROLLER ADJUSTMENT PLUGS	2	
DOOR STOP	1	

STEP 2: PRE-INSTALLATION INSPECTION

Verify that the rough opening is square, level, plumb, and true.

STEP 3: MASTER FRAME ASSEMBLY

- 1 Clean ends of head, jamb, and sill and any area that sealant will contact with denatured alcohol.
- 2 Assemble frame with screws provided. Note that the jambs are right and left handed. The angle cut should be located at the bottom with the long point toward the outside. A sealing gasket is located at the end of each jamb.
- 3 Make sure all screws are tight but do not excessively deform the vinyl walls.
- 4 Once assembly is complete two people will be required to install the frame correctly and to avoid placing stress on the joints or corners when moving the frame into position.



Attach sill to right jamb.



Attach head to right and left jambs.

STEP 4: MASTER FRAME INSTALLATION

Caulk around the perimeter of the blind stop and along the sill where the door will rest.

Position the door in the opening so that it is equally spaced in the opening. The door should be Plumb, Level, and Square. Ensure that there is no more than $\frac{1}{4}$ " shim space at the sides and top of door. Plastic or nylon shims are recommended but wood shims are acceptable.

Set master frame in a continuous bed of sealant. Three rows of sealant ($\frac{3}{8}$ " diameter) along the entire sill and 6" up the back side of each jamb. Shim level from front to back and end to end. Ensure that the entire frame is plumb, square, and level. A String line, laser level, or story pole may be used to make sure head is level and parallel to the track.



Check jamb for level.

Drill two 1/8" installation holes into the jamb. The first will be located 3-6" below the head and the second 3-6" above the sill in the center of the pocket opposite the fixed panel.



Attach installation screw in pocket opposite fixed panel
(OX door shown)

Drill two additional installation screw holes in the pocket opposite the keeper location.



Attach installation screw inside pocket of left jamb



If shimming is necessary then be sure to locate installation screw through the frame and the shim. Do not warp or bow the jamb by over-tightening the installation screws.

STEP 5: FIXED PANEL INSTALLATION:

Unpack the fixed panel and inspect for defects. Insert top of fixed panel into outer head pocket and lift onto the sill shim. Slide the sash into the frame pocket until the sash is flush with the end of the sill insert. Attach the fixed panel with three 2" installation screws placed at the center, 6" from the top and 6" from the bottom.



Attach fixed panel with screws through wall of pocket

Confirm the length of the fixed panel interlock and trim head end if necessary. Snap interlock beginning at the bottom and continuing to the head. Use a rubber mallet or a hammer on a wood block. Striking the interlock directly with a hammer will damage the vinyl. Once installed, anchor the interlock with the provided screws no less than every 6 inches. This is in order to make sure that the interlock is flush and does not interfere with the movable panel. Installation with less than 9 screws is not recommended. A screw cover is provided which will snap into the anchor screw channel and hide the screws. Using hand pressure, begin at one end and push the cover into the groove. Any excess may be trimmed with a razor knife.



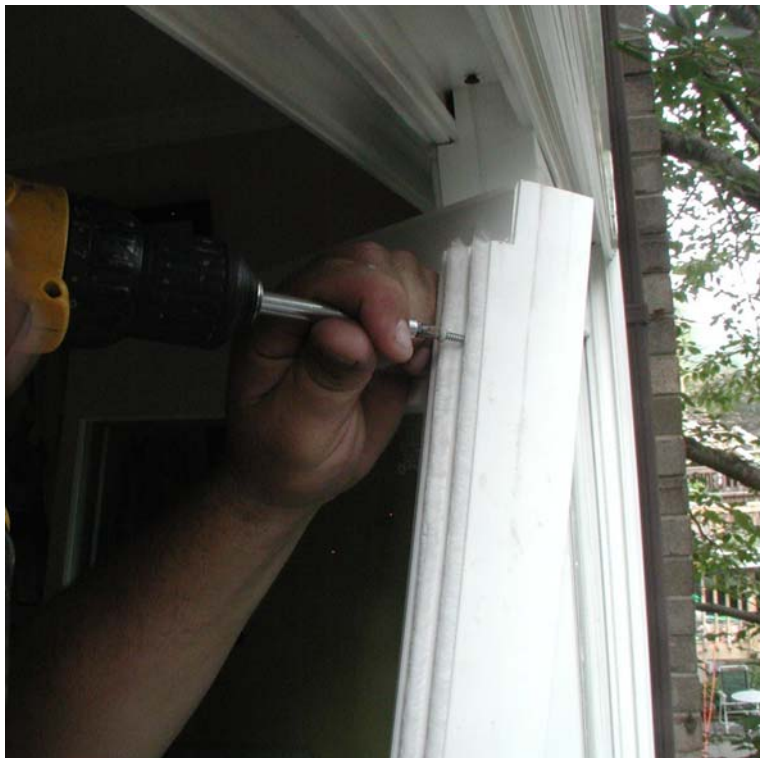
Snap interlock on fixed panel and anchor with at least 9 screws.



Head end of interlock panel.

STEP 5: MOVABLE PANEL INSTALLATION

Prior to panel installation, snap in the interlock piece. Begin at the top by placing the interlock flush and then, with a rubber hammer, snapping the piece into the sash. Once complete, anchor the interlock with at least 9 screws, or one screw every six inches. As with the fixed panel, this is absolutely necessary in order to avoid interference with the fixed panel. Finally, snap in the screw cover and trim any excess.



Attach interlock to movable panel and anchor with at least 9 equally spaced screws.



Once anchored, snap in screw cover along the entire Interlock.

Lift the panel into the inner pocket of the frame and place the sash onto the roller track.

Adjust the wheels through holes in front of panel to ensure that all panels roll and interlock properly. The movable panel should be parallel to the jamb with the keeper so that the door locks without any interference. Do not use power tools to adjust rollers. With the help of an assistant, lift the weight of the door from the rollers. Lift the rollers with a #3 Phillips head and return weight to the roller. Check panel alignment and operation and repeat as necessary. Install covers over wheel adjustment holes.

STEP 6: HANDLE INSTALLATION

Attach the handles to the escutcheons so the curve of the handle is away from the side jamb and toward the glass. Use care to not scratch the escutcheons when using the provided screws to attach the handles. When installing the interior escutcheon be sure to align the actuator pin with the input slot in the lock so that the turn piece is in the vertical position. If you are installing the trimset with the optional key cylinder then you must follow the instructions provided with the trimset.

Close the door and test the installation of the handle set. Gently close the movable panel and check for accurate alignment of the keeper. If the door does not lock then loosen the keeper screws and adjust the keeper up or down.



Handle Installation



Keeper adjustment

STEP 6: POCKET COVER INSTALLATION

Install the pocket covers in their respective locations. Each pocket cover has a different cut length or processing. Install the movable panel jamb pocket cover closest to the keeper before the head pocket cover. Finally, install the sash stop in the movable sash head pocket.

Pocket cover installation at frame jamb next to keeper.



STEP 7: SCREEN INSTALLATION

Install the screen in the screen track and adjust the rollers to obtain an even parallel gap between the screen and the door frame. Locate the keeper with the hook facing down. The lock release must function by pushing down on the release button. If necessary, remove the screen lock mounting screws, remove the lock, and replace in the proper orientation. Verify that the lock properly engages the keeper.

STEP 8: COMPLETING THE INSTALLATION

Seal any gaps or openings at the end of any horizontal joints with silicone sealant.

Ensure that weep holes are clear of debris and/or sealant for proper water drainage. Do not seal weep holes.

Inspect the installed door for any damage that may have occurred during remaining construction.