

7000

SLIDING
PATIO DOOR

INSTALLATION INSTRUCTION MANUAL

TABLE OF CONTENTS

| | |
|----------------------------------|----|
| SAFETY GUIDELINES | 01 |
| REQUIRED TOOLS | 01 |
| PRE-INSTALLATION INSPECTION | 02 |
| PARTS CHECKLIST | 02 |
| INSTALLATION PREPARATION | 02 |
| INSTALLATION | 03 |
| Prepare and Install the Sill Pan | 03 |
| Install Frame | 03 |
| Movable Panel Installation | 04 |
| Handle Installation | 06 |
| Final Installation | 06 |

SAFETY GUIDELINES

Do Not Work Alone

Always use a team of at least two people when handling patio doors to prevent injury or damage.

Handle Glass with Care

Broken or cracked glass poses a serious risk. Use caution at all times to avoid injury or property damage.

Wear Appropriate Personal Protective Equipment (PPE)

Always wear gloves, safety glasses, and other necessary PPE. Avoid loose clothing, rings, or jewelry that could catch during installation.

Secure Tools When Working at Height

Ensure all tools are properly secured when working on ladders or scaffolding.

Support the Door Until Fully Installed

Keep the door securely supported throughout the installation process to maintain safety and prevent shifting.

REQUIRED TOOLS

- Drop Cloth
- Utility Knife
- Tape Measure
- Rubber Hammer
- Level
- Phillips Head Screwdriver (#2 & #3)
- Flat Head Screwdriver
- Silicon Sealant
- Composite Shims
- Drill/Driver
- Foam Gun
- Minimal Expansion Foam

Note: Vytex
recommends using
OSI products

PRE-INSTALLATION INSPECTION

1. Unpack the door **before** removing the existing one, and confirm you have all necessary components. Verify that the door received is correct and void of any damage or defects before proceeding.

PARTS CHECKLIST

Master Frame /w fixed IGU
Movable Panel
Screen
Handle

INSTALLATION PREPARATION

1. Carefully remove the existing door, ensuring the frame and surrounding structure remain intact.
2. Clean and inspect the area thoroughly. Address any damage or rot before proceeding.
3. Verify the rough opening is square, level, plumb, and true. If necessary, prepare the opening by installing shims along the sill to ensure the door is level when set.

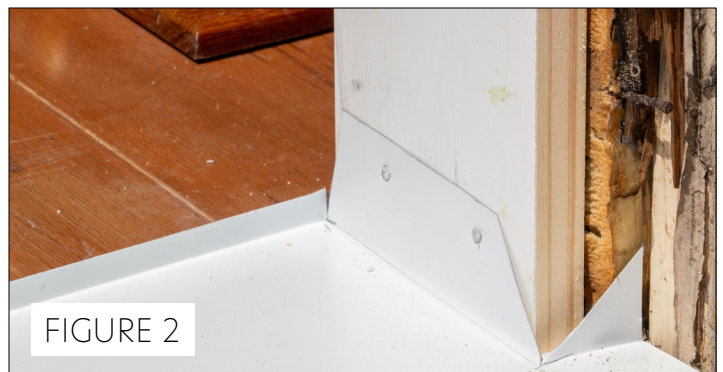


INSTALLATION

1. Prepare and install the sill pan

Form the sill pan using flexible flashing to protect the sub-floor and rough opening from water intrusion.

- a.** Cut a piece of flashing the full width of the rough opening, extending at least 1 inch up the interior face of the side jambs.
- b.** Apply 3 continuous lines of caulking across the sill. See figure 1.
- c.** Center the flashing across the sill and press it firmly into place, smoothing from the center outward to remove any air pockets.
- d.** Make vertical relief cuts at each corner and fold the flashing up along the jambs to create a continuous barrier.
- e.** Once the flashing is in place, check that the sill is level. Use shims to adjust as necessary.
- f.** Secure the flashing to the side jambs with nails. See figure 2.



2. Install frame

- a.** Position the door in the opening, ensuring equal spacing between the door and each jamb.
- b.** Shim the entire frame until it is plumb, level, and square. Plastic or nylon shims are recommended; wood shims are acceptable if necessary. See figure 3.

INSTALLATION

c. Use a traditional level, laser level, or string line to ensure the frame remains plumb, level, and square throughout the entire installation process.

d. Locate the provided installation screws. Install at least three screws per jamb: one approximately 6" from the sill, one approximately 6" below the head, and one near the center. See figures 4 and 5.

Ensure each screw penetrates through both the frame and the shims to prevent deflection or twisting of the jambs.

e. Re-check that the door is plumb, level, and square before proceeding.



FIGURE 3

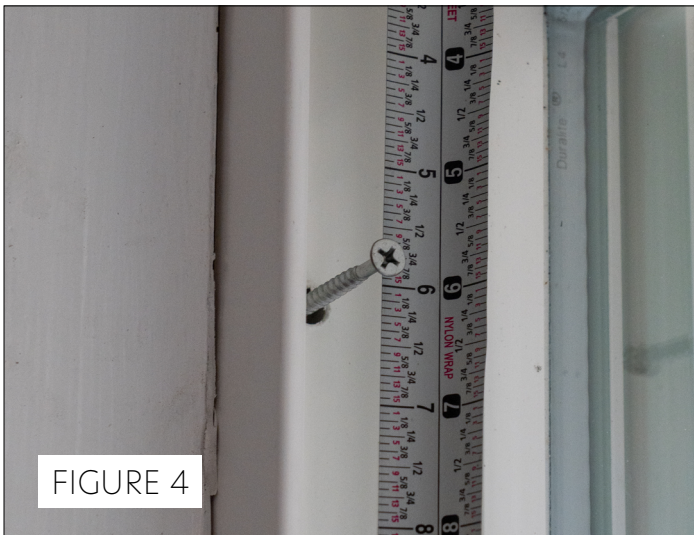


FIGURE 4



FIGURE 5

3. Movable panel installation

a. Locate the wheel adjustment screws on both sides of the movable panel. Using a Phillips head screwdriver, loosen the screws to fully retract the wheels. See figure 6.

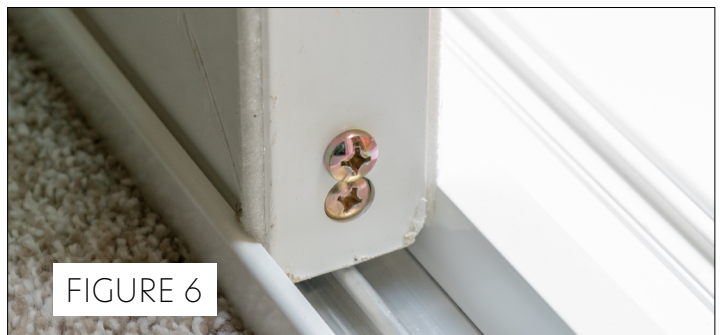


FIGURE 6

INSTALLATION

- b.** Locate the wheel adjustment screws on both sides of the movable panel. Using a Phillips head screwdriver, loosen the screws to fully retract the wheels. See figure 6.
- c.** With assistance, install the panel by inserting the top into the head of the frame, then lever the bottom into the track insert. Ensure the wheels straddle the track insert and are not caught on either side. See figure 7.
- d.** Tilt the panel slightly to relieve pressure on the rollers. Use a Phillips head screwdriver to raise the wheels. Repeat for both rollers.
- e.** Slide the panel closed until it's nearly shut, leaving a small gap between the panel and the jamb.
- f.** Observe the reveal between the panel and the jamb. It should be consistent from head to sill. If it's uneven, adjust the wheels or jamb as needed. See figure 8.
- g.** Once properly aligned, close the door fully to ensure the panel operates smoothly into the strike pocket and throughout the opening and closing process.



INSTALLATION

4. Handle Installation

- a.** Align the handle components by positioning the new handle on the door, making sure the interior and exterior parts are properly aligned. Secure the handle by inserting and tightening the screws.
- b.** Check for proper operation by opening and closing the door to confirm the handle moves smoothly and the lock engages securely.
- c.** Make further adjustments if necessary if the handle feels stiff or the lock doesn't engage properly. See Figure 9 for an example of proper installation.



FIGURE 9

5. Final Installation

- a.** Apply minimal expanding foam into any gaps between the frame and the rough opening, as needed.

NOTE: Vytex recommends using only minimal expansion foam.

- b.** Install exterior flashing, interior trim, and caulking as necessary to prevent air and water infiltration.

Please Note:

The weep system for the door is located on the exterior along the bottom of the frame. Be sure to keep the drain locations clear of any flashing or caulking. See figure 10.



FIGURE 10



9425 Washington Boulevard N, Laurel, Maryland 20723

☎ 301.362.1000 • ☎ 877.747.8735

www.vytexwindows.com