

Installing a new Construction Patio Door

1. PREPARING THE ROUGH OPENING:

Check the opening for being level, plumb and square. The sill and surround should be clear of any debris or construction dust that may interfere with sealing material adhesion. Remove any fasteners that may be projecting into the installation opening. Measure the opening in the width and height for proper sizing to the door being installed.

2. DOOR HANDING:

Make sure the door is handed properly (left to right, right to left operating panel movement) for the opening it's being installed in. If the door has been fabricated for reversibility this has to be performed before the door is installed. Follow the reversing procedure provided.

3. INSTALLATION OF THE DOOR:

- You may want to dry fit the door before applying any sealant. Once you have determined that the door is properly sized and handed the door can be installed.
 - Apply a 3/8" bead of sealant to the back side of the nail fin along the sill, up the jambs and across the head. (Note: The bead of sealant should be placed as close to the nail fin holes as possible). An additional bead of sealant should be placed about 1" back from the leading edge of the sill of the rough opening.
 - Place the sill of the door into the rough opening and tilt the frame to vertical.
 - Shim the jambs about 6"-8" down from the head and secure each jamb through the nail fin slot at that point.
 - Plumb each jamb and shim about 6-8" up from the sill and secure through the nail fin at that point.
 - Level the head, shim where needed and secure at each end and at midpoint
 - Level the sill, shim where needed and secure at each end and at midpoint.
- Note: No fasteners should be used through the frame sill of the door.**
- Install fasteners through each available nail fin slot along the door perimeter.

4. FLASHING THE DOOR:

- Cut and apply the self-adhesive flashing 14" wider than the width of the sill and center on door frame.
- Cut jamb pieces so that they extend 5" beyond the head and sill and adhere.
- Cut and apply the head flashing 14" wider than the width of the door and center on frame and adhere. The head flashing should overlap the jamb flashing.
- In all cases the flashing should be butted to the door framing as close as possible.
- Do not allow bubbles or gaps beneath the self adhesive flashing.

5. FINISHING THE INSTALLATION:

- Install the panel and handle.
- Adjust the door panel for smooth operation.
- Slide the panel over to the locking jamb and stop just before entering the jamb pocket. Visually inspect the gap between the leading edge of the panel and the frame pocket. This gap should be consistent the entire span. Adjust the panel rollers until this achieved.
- Close and lock the panel. You may have to adjust the striker to achieve satisfactory results.
- Remove one of the screws holding the keeper and replace with a screw of sufficient length to bite into the rough opening. Be sure to shim behind door jamb prior to fastening the longer screw.
- Install and adjust screen.