

**6 PREPARE STUD-FRAMED WALL**

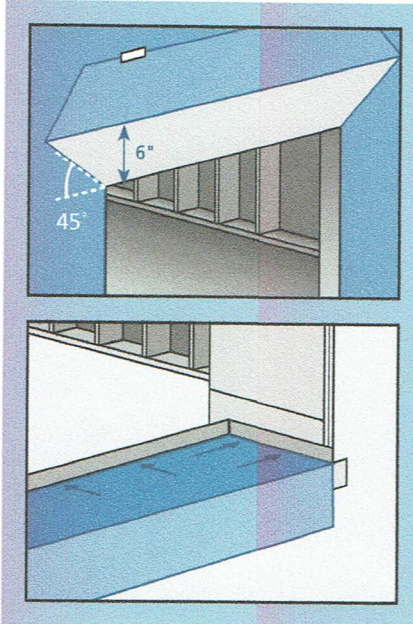
**FOR RETROFIT INSTALLATIONS**

Remove the old door. Remove sufficient siding to expose at least 9" of intact building wrap. If damaged, apply new building wrap in a shiplap manner. Verify header and trimmer studs are structurally sound. Continue with instructions.

**PREPARE BUILDING WRAP**

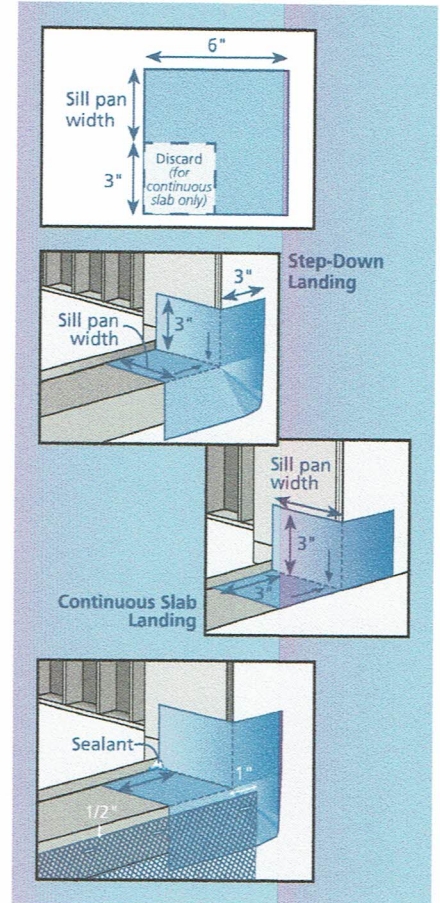
Verify these steps do not void the building wrap manufacturer's warranty.

1. Trim building wrap flush with the edges of the rough opening.
2. At the head, slit building wrap 6" at 45°. Tape up as shown.
3. Trim the sides sufficiently to allow the nailing fin to be mounted against the sheathing.
4. Apply spray adhesive/primer to the sill pan and surrounding area. Follow manufacturer's instructions for application methods.
5. Cut a piece of self-adhered flashing the length of the sill and apply over the sill pan as shown. The bottom of the sill pan should be completely covered by the self-adhered flashing. For step-down landings, fold flashing down as shown. For continuous slabs, trim flush with rough opening.



6. Cut two pieces of self-adhered flashing 6" wide by the sill pan width + 3" long.
  - a. For continuous slab landings only, cut out the inside corner.
  - b. Adhere the pieces of flashing to the inside corners. Stretch flashing as needed to cover corners and lay flat.
7. Smooth gaps or bubbles beneath self-adhered flashing with a J-roller (remove and replace if necessary).
8. Seal back corners of sill pan with sealant.
9. For step-down landings only, cut plastic drain screen to length of sill + 2" and staple 1/2" below sill edge. The drain screen provides a path for air to dry any incidental moisture in the rough opening.

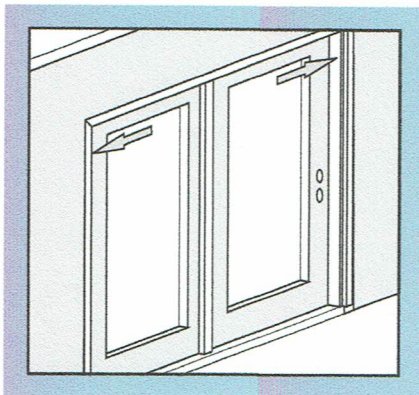
**END of Stud-Framed Wall Instructions continue with section 7 "INSTALL DOOR."**



**7 INSTALL PATIO DOOR**

**Warning!** To avoid injury, use at least two people to install. Adequately support the door until completely fastened.

1. Apply a 3/8" bead of sealant where the back of the trim meets the frame. Tool into a fillet shape. Run another bead of sealant along the back of the fin/trim where it will contact the structure.
2. Tilt the door into the rough opening, making sure the inside of the door sill is fully seated into the sealant on the sill pan back dam.
3. Secure the door in the rough opening by pre-drilling holes and then driving #8 x 3" drywall/deck screws into the thick part of the jamb where shown. Do not fully seat screws.



**SHIM PATIO DOOR**

**Note!** Secure all shims with sealant.

From the interior, shim the head and side jambs 6" from the corners and at 8" intervals. Install shims at the strike plate and at each hinge location so the screws (installed later) will each penetrate a shim. If installing a door with a hinge jamb in the middle, shim underneath the mull for support. Shim so the door is square, level and plumb. Verify there is a 1/8" margin between the frame and the door panels.

