



Install Doors Properly? Installation Tips

BEFORE starting installation:

- ⇒ Perform a complete unit inspection checking for shipping damage, broken glass, or other physical damage. Fix whatever is wrong before installation or start appropriate claim procedures.
- ⇒ If using a purchased sill pan, follow sill pan manufacturer's installation instructions.
- ⇒ Ensure silicone and installation **screws (NOT NAILS)** are on hand (not supplied by Westeck)
- ⇒ Check the rough opening dimensions against the units actual Frame Height and Frame Width. Remember sill pan measurements if a sill pan will be used.
- ⇒ Measure the rough opening diagonally from corner-to corner. The measurements should not differ more than 1/4".
- ⇒ Using a long level, check side, head, and sill for plumb and level. Use a framing square to check all corners for square.
- ⇒ Make necessary corrections to ensure walls are plumb, straight and not twisted.

Fix any problems before proceeding!

***Because of the longer distances spanned with a French door, it is critical that the rough opening be as perfectly level, plumb, straight, and square as possible. Rough opening misalignment problems can be transferred to the door units causing adjustment and operation difficulties.

- ◆ The door assemblies must be handled upright. **DO NOT** carry with panels parallel to the ground
- ◆ **DO NOT USE NAILS!** for installing Doors – **DO NOT fasten through brickmold!**
- ◆ **DO NOT fasten through sill.**
- ◆ **DO NOT use fasteners on finish areas that can be seen, or where they would otherwise adversely affect visual quality of jambs &/or brickmold**
- ◆ **Install Doors Plumb, Level, And Square.** (Measures should not be made 'by eye')

Shims - As you proceed with the installation, shims should be applied to hold the unit in position, adjust level, plumb & square, and provide support behind hardware.

- ⇒ **IMPORTANT: Sill must be level and have solid support for its full length. Shims should not be used under sill**
- ⇒ Be careful to not bow jambs with over/under shimming. Shims must fit snugly.

Fastening/Installing a Door Jamb:

Before proceeding,

Peel back weather-strip and Pre-drill for installation screws (See photos) **(NOT NAILS)** at 8 locations. 3 inches from top and bottom, and ten inches above and below centre point on jambs, both sides.





The rough opening must be prepared. Sealant, must be applied to the rough opening. Apply 3 generous beads of clear silicone sealant to sub sill.

➤ Immediately after caulking, set and center the door in the rough opening. Apply a generous amount of clear silicone sealant into the screw hole At one side top corner and fasten with a 3" flathead stainless steel screw (Long enough to penetrate framing material by at least 1.5")

➤ **NOTE: Drilling pilot holes for screws will help prevent wood or composite from splitting and cracking.**

While holding unit in place, level unit on the interior or exterior across the sill, head and jambs

➤ With door held securely in place, measure diagonally from corner-to-corner in both directions Measurements should be **exactly** the same. To make adjustments, use a pry bar and slide the bottom of the frame left or right until the diagonal measurements of the entire door assembly are **exactly** the same.

➤ Once the diagonal measurements are the same, apply shims between the doorframe and rough opening to keep the doorframe in position.

➤ **Be sure someone is securely holding door in place from the exterior so the shimming process does not force door out of the rough opening.**

Continue holding unit in place. Square and plumb jambs.

Check both side-to-side and inside- to- outside.

Re-check diagonal measurements.

➤ Secure other top corner, remembering to apply a generous amount of clear silicone sealant in the predrilled hole. Check again for level, plumb and square. In the bottom jamb pre-drilled holes, apply a generous amount of clear, silicone sealant. Fasten with a 3" long stainless steel flat head screw. Re-hang slabs. Ensure they swing freely.

➤ Now that the door frame corners are fastened, proceed to shim and secure the side of the frame to set an even reveal between the door panels and frame. Use shims and a straightedge to straighten the side and jamb. When straight, fasten with 3" flathead stainless steel screws through the frame behind the weather-strip location through the remaining 4 predrilled holes. Re-insert weather-strip

➤ Remove a centre screw on all hinges, apply a generous amount of clear, silicone sealant into the screw hole and fasten 3" long stainless steel anchor screws. Ensure 3" long stainless steel strike plate anchor screws are fastened. If required, mark and drill flushbolt holes, ensure flushbolts operate smoothly.

