

INSTALLATION INSTRUCTIONS



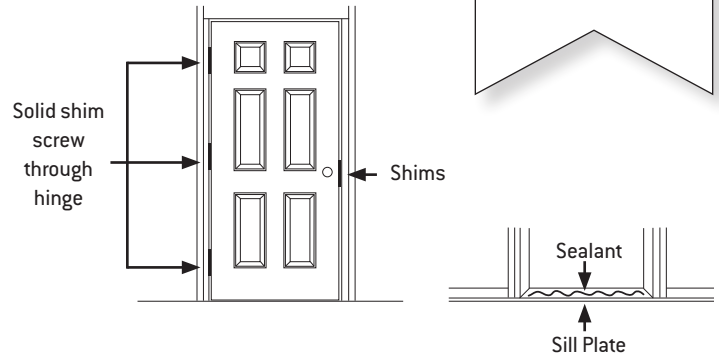
WHAT YOU NEED

SUPPLIES REQUIRED

- Shims
- 1 1/2" galvanized roofing nails or truss head screws
- Window & door flashing
- High quality exterior grade flexible sealant with gun
- Low expansion window & door foam insulation (Do not use high expansion foams)

TOOLS REQUIRED

- Tape measure
- 6" level
- Square
- Hammer
- Stapler
- Utility Knife
- Multi-Driver
- Drill



SINGLE ENTRY DOOR / GARDEN & TERRACE DOORS

The following installation instructions are for a typical wood frame wall construction system and are designed to prevent leakage. Choose the Flashing Method that best suits your construction design. (See flashing methods instructions). Ensure all local building code requirements are met.

1. Verify the rough opening size using a tape measure.

TIP: MEASURE AT 3 LOCATIONS ALONG THE WIDTHS (LEFT, CENTER AND RIGHT) AND HEIGHTS (TOP, MIDDLE, BOTTOM).

2. Verify the rough opening is square, plumb, and in the true plane.

TIP: USE A LEVEL AT THE SILL AND JAMBS. CROSS MEASURE FROM CORNER TO CORNER, SQUARE OPENINGS HAVE EQUAL CROSS MEASUREMENTS.

3. Install weather barrier or flashing dependent on method chosen.
4. Run 2-3/16" (4mm) beads of sealant across the bottom of the rough opening one, close to the exterior wall.
5. Ensure you have the appropriate number of people to complete the job safely.
6. From the exterior, lift the door into the opening place sill first onto the caulking. Tack into place temporarily.
7. Verify the door frame is level and square. Use thin shims at the bottom of the door to ensure it is level across the entire width. Place additional shims at the side and top of the jambs to ensure the jamb is square and straight.
8. Once the door is level, square and plumb, install the remaining fasteners in the pre-punched holes in the flange. Do not install fasteners anywhere other than the pre-punched holes (Do not nail within 6" of the corners). Do not over compress flanges (nail approximately every 12"-16").

TIP: OPEN, CLOSE, AND LOCK THE DOOR TO VERIFY PROPER OPERATION. THE DOOR MUST HAVE AN EVEN SPACE BETWEEN DOOR AND FRAME. IF IT FAILS TO WORK PROPERLY YOU MAY HAVE TO CHECK IT AGAIN FOR LEVEL AND SQUARE. TO CHECK FOR PLUMB, CLOSE DOOR TO FRAME. IT MUST FIT FLUSH TOP TO BOTTOM.

9. Place blocking behind hinges and strike plate between the frame and rough opening, install the long screws (provided) through empty screws holes in hinges and at the strike plate.
10. Adjust bottom door sweep. Insulate around product. Insulation must be to the exterior.
11. Install drip flashing at the head of the door where required by code.

ADJUSTMENTS

ENTRY DOORS

1. To lubricate, apply a light coating of silicone spray to hinges then open and close door several times.
2. To adjust bottom door sweep, loosen inside screws and slide sweep up or down until it is even and in contact across the top of the door threshold (Inswing doors only)
3. To adjust striker plate, loosen the screws holding the adjustable striker plate and move plate in or out by each notch to loosen or tighten door hardware.

OPTIONAL: Self-Closing Hinges - can be adjusted by the turning mechanism in top of hinge by using an allen wrench and placing the stopper pin in the appropriate hole.

TIP: A DOOR'S COMPRESSION WEATHER-STRIPPING WORKS BEST WHEN THE DOOR SLAB IS TIGHTER AND REQUIRES SOME FORCE TO CLOSE.

4. Doors that close without any force do not provide sufficient compression against the weather-stripping, and will cause air or water leakage under wind pressure.

GARDEN & TERRACE DOORS

1. To open operating panel, disengage the cam-locks by lifting both locking handles upwards, then turn the rotary handle to open the slab.
2. To close operating panel, turn the rotary handle until slab is snug against the weather-stripping and engage both cam locks by pulling the lock handles downward. Once the locks are engaged, loosen the rotary hardware slightly by turning the handle 1/8 turn in the opposite direction.
3. To remove insect screens, use the pull tabs located on the screen bar and gently pull the screen bar away from the side of the frame until it is clear of the screen channel.
4. Once clear, angle the screen bar inwards and if necessary, slightly on angle, until screen comes loose of the opposite screen channel.
5. To install insect screens, reverse the process above.

FINISHING & PAINTING

All Weather Windows' window & door products are designed to last with proper maintenance and care. Any unfinished or exposed wood surface, including the perimeter of the face and ends of the sash, frame and panel must be painted or stained within 30 days of installation. Prior to painting or staining, clean surfaces of any debris, dirt or residue and ensure surfaces are completely dry.

PAINT GRADE WOOD DOOR FRAMES

1. All Weather Windows paint grade door frames are factory primed.
2. Required a minimum of 2 coats of high quality exterior grade paint.
3. Paint all exposed wood surfaces, including the exterior brickmould, interior frame, rabbet and jamb extensions.
4. Do not close or lock door until completely dry and cured.

STAIN GRADE WOOD DOOR FRAMES

1. Stain grade wood doors use pacific hemlock frames which should have a sanding sealer (or prestain) applied prior to staining to prevent blotching.
2. Mask off hardware and apply 1 or 2 coats of high quality stain, with a top coat of lacquer or varnish.
3. Stain all exposed wood surfaces, including the interior frame, rabbet, and jamb extensions.
4. Do not close or lock door until completely dry.

Visit allweatherwindows.com for more information.