Thank you for selecting JELD-WEN products. Attached are JELD-WEN's recommended installation instructions for Premium Atlantic vinyl sliding patio doors. <u>Read these installation instructions thoroughly before beginning. They are designed to work in most existing applications. However, existing conditions may require changes to these instructions. If changes are needed, they are made at the installer's risk. For installations other than indicated in these instructions, contact a building professional.</u>

Newer construction methods have led to an increase in air and water tightness in buildings. This frequently leads to negative air pressure inside the home, which can draw water through very small openings. Our installation method seals the patio door to the weather barrier (typically building wrap) and uses a sill pan to capture and drain incidental water from under the patio door.

IMPORTANT INFORMATION AND GLOSSARY

Not all patio door types may be installed into every wall condition in all areas. Consult your local building code official for applicable building codes and regulations. Local building code requirements supersede recommended installation instructions.

Please Note! Any patio door installation into a wall condition not specifically addressed in these instructions must be designed by an architect or structural engineer. Failure to install square, level and plumb and on a flat surface (without twist or warp) could result in denial of warranty claims for operational or performance problems.

Note to Installer: Provide a copy of these instructions to the building owner. By installing this product, you acknowledge the terms and conditions of the limited warranty as part of the terms of the sale.

GLOSSARY

Astragal
The vertical trim attached to one of the panels of a sliding patio door that bridges the gap between the panels when closed and provides weather protection.

Backer Rod (backing material)
A material (e.g. foam rod), placed into a joint primarily to control the depth of the sealant.

Buck
A wood framework attached to the masonry inside a window or patio door rough opening.

Glazing bead/glass stop
The trim that covers the edge of the glass.

Interlock
A weatherstrip component that runs vertically along the stiles of sliding patio door panels. When the door is closed, the interlocks engage, locking together, to create a weather barrier.

Self-Adhered Flashing (SAF)
An adhesive backed tape material, generally not requiring mechanical fasteners, used to waterproof the rough opening and/or used to seal a window to the building's weather barrier. SAF should be applied in a manner that directs the moisture out of the wall cavity to the exterior.

Shiplap
The layering method in which each layer overlaps the layer below it so that water runs down the outside.

Sill Pan
A flashing component installed in the sill of the rough opening underneath the door. Sill pans have upturned walls along the interior edge and at both ends, creating a three sided box. This component serves as a collection device to drain incidental water to the exterior of the building and should be properly sealed to the opening. The best sill pan design has a positive slope to the exterior and offers continuous support to the door's sill.

Step-down Landing
The interior floor surface is higher than the exterior surface.

Weep Hole (weep channel)
The visible exit or entry part of a water drainage system used to drain water out of a door.

Estimated Install Time for New Construction
- First Time: 4 hr.
- Experienced: 3 hr.
- Professional: 2 hr.

Please allow sufficient time to properly prepare the rough opening, install the patio door and ensure its proper operation. Professional installation assistance is recommended.

LANDINGS

These instructions cover three patio door sill conditions: the *step-down landing*, *recessed sill pocket*, and the *continuous slab landing*. The installation methods vary slightly for each.

Step-Down Landing

Recessed Sill Pocket Landing

Continuous Slab
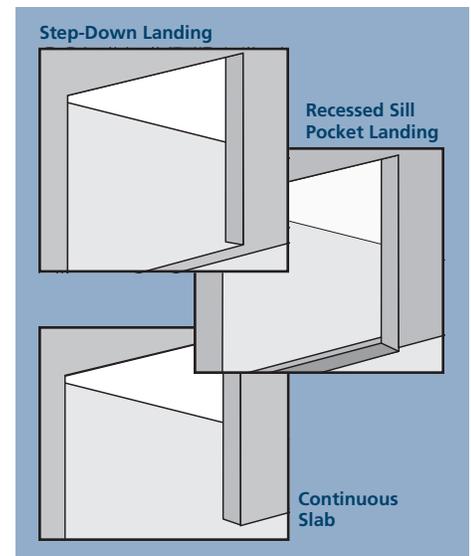
ROUGH OPENINGS

This installation guide specifically addresses masonry/block wall, sheathed wall and open-stud construction.

MASONRY/BLOCK WALL CONSTRUCTION

This installation assumes that a framework of studs (often called a buck) has already been properly fastened and sealed to the concrete/masonry wall by a building professional.

Masonry Wall

Buck
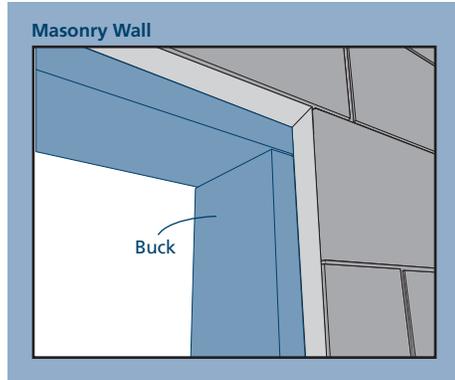
FULLY SHEATHED WALL CONSTRUCTION

The wall framing is covered by sheathing. Patio doors with nailing fin will be mounted flush against the sheathing. Patio doors without nailing fins will be mounted inside of the rough opening. This installation assumes building wrap is properly installed prior to installation.

Sheathed Wall

Header

Sheathing

Trimmer studs

King stud

Sill area
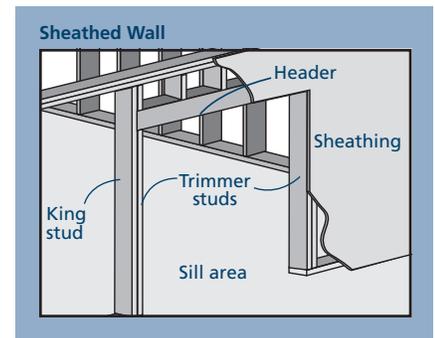
OPEN-STUD CONSTRUCTION

If self-adhered flashing is to be applied so that it is wider than the framing of the wall, it may be necessary to cover the wall with backing support sufficient to support the entire width of the flashing.

This backing support should be a non water-degradable, thin (max. 1/8" thick) sheet material such as vinyl sheeting. Completely surround the rough opening with the backing support. Backing support must be applied before building wrap.

SAFETY AND HANDLING

SAFETY

- Read and fully understand ALL manufacturers' instructions before beginning. Failure to follow proper installation instructions may result in the denial of warranty claims for operational or performance problems.
- Do not work alone. Two or more people are required. Use safe lifting techniques.
- Use caution when handling glass. Broken or cracked glass can cause serious injury.
- Wear protective gear (e.g. safety glasses, gloves, ear protection, etc.).
- Operate hand/power tools safely and follow manufacturer's operating instructions.
- Use caution when working at elevated heights.
- If disturbing existing paint, take proper precautions if lead paint is suspected (commonly used before 1979). Your regional EPA (www. epa.gov/lead) or Consumer Product Safety Commission offices provide information regarding regulations and lead protection.

MATERIALS AND PATIO DOOR HANDLING

- Heed material manufacturers' handling and application instructions.
- Protect adhesive surfaces from dirt, moisture, direct sunlight and folding over onto themselves.
- Handle in vertical position; do not drag on floor.
- Do not put stress on joints, corners or frames.
- Store patio door in dry, well-ventilated area in vertical, leaning position to allow air circulation; do not stack horizontally.
- Protect from exposure to direct sunlight during storage.
- Install only into vertical walls and when conditions and sheathing are dry.

**IF INJURY OCCURS, IMMEDIATELY SEEK MEDICAL ATTENTION!**

INCLUDED PARTS

A Head frame (nailing fin shown)
B Stainless steel track
C Fixed panel riser
D Pocket cover
E Jamb (nailing fin shown)
F Spacer block
G Sill frame (nailing fin shown)
H Screen track
I Panel Stop
J Sill riser (aluminum)
K Drip cap (nailing fin only)

Items not shown:
- Operating panel
- Fixed panel
- Panel astragal (optional)
- Screen astragal (OXXO optional)
- Screen jamb (OXO optional)
- Handle package (pre installed on panels)

Hardware pack:
- Keeper
- #8 x 1 3/8" flat head screw (Stationary panel)
- #8 x 3" flat head screw (Frame assembly and astragal to passive panel as applicable)
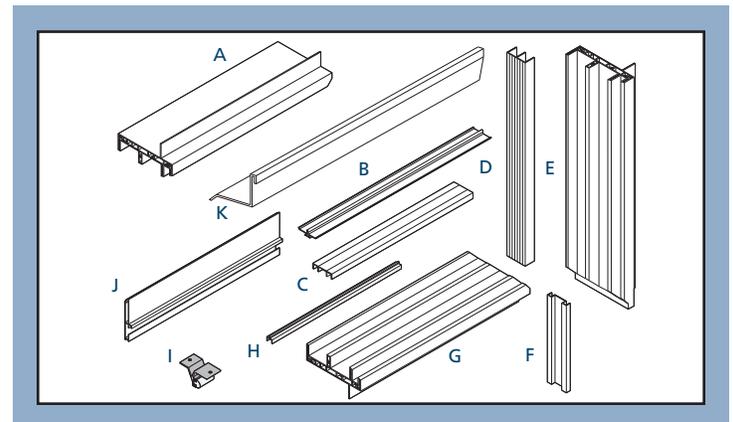
NEEDED MATERIALS AND TOOLS

NEEDED MATERIALS

Note! Follow all material manufacturers' instructions for proper use and compatibility. When using flashing, spray adhesive/primer, sealant and foam products, we recommend using the same manufacturer and verifying compatibility. It is the End User's responsibility to determine if dissimilar materials are compatible to the substrates in the application.

- Fasteners: See certified anchor drawing(s) for anchor type, spacing and embedment.
- Non water-degradable or compressible structural shims
- Sill pan: It is best practice to use a pre-formed, rigid, positively sloped, pvc pan that provides continuous support. We recommend using SureSill™ Sloped Sill Pan™ , manufactured by SureSill™, Ltd. An alternative would be a non-sloped pre-formed sill pan or one that can be fabricated on site from metal or vinyl sheet material with the proper tools.
- Sealant: We recommend OSI® QUAD® Max Sealant or equivalent. This can be used in any application and can be painted or ordered in a color matched product, if desired.
- Backer rod 1/8" larger than the widest portion of the gap (used in conjunction with sealant bead).
- Polyurethane low expansion Window and Door foam: We recommend OSI® QUAD® Foam or equivalent).

- 4", 6", or 9" (as required by local code and patio door configuration) wide self-adhered flashing: We recommend OSI® Butyl Flash Tape or equivalent.
- Spray adhesive/primer for self adhered flashing. Such as Loctite® 300 or equivalent.
- For step-down landings only: Plastic drain screen with crisscross or woven pattern (sold in 6" widths to protect rain gutters) and 3/8" staples. The drain screen provides a path for air to dry any incidental moisture in the rough opening.
- Drip cap material, if not supplied, required only for side-by-side mulled units that extends the length of the frame plus 1/8" overhang on each end.

NEEDED TOOLS

- Tape measure
- Utility knife
- Level (4' minimum recommended)
- J-roller
- Caulking gun

- Drill with bits
- Hammer drill for masonry
- #2 Phillips screwdriver
- Cutting shears (sill pan)
- 6" putty knife (2) install

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1   REMOVE PACKAGING AND INSPECT PATIO DOOR

REMOVE PACKAGING

Remove shipping materials such as corner covers, shipping blocks or pads.

INSPECT PATIO DOOR

- Cosmetic damage
- Correct product (size, color, grid pattern, handing, glazing, energy-efficiency requirements, etc.)

- Splits, cracks, holes, missing sections or other damage to the nailing fin (if applicable) longer than 6" and/or within 1/2" of patio door frame

If any of the above conditions represent a concern, or if you expect environmental conditions to exceed the patio door's performance rating, do not install the patio door. Contact your dealer or distributor for recommendations.

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2   INSPECT ROUGH OPENING

- Verify the width and height of the patio door are each 1/2" smaller than the rough opening width and height.
- Verify the rough opening is square. The (A) and (B) measurements should be the same. Maximum allowable deviation from square is 1/8" for doors less than 20 square feet and 1/4" for doors over 20 square feet.

Verify Square, Level, and Plumb
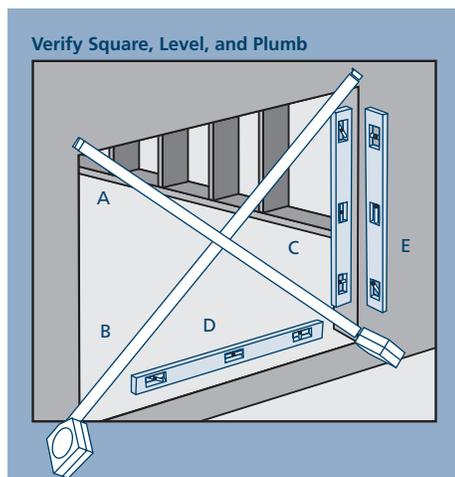
- Verify the rough opening is plumb and level (C) and (D). The maximum allowable deviation is 1/8".
- The rough opening sill must not be crowned or sagged (D), but rather be level or sloped (positive slope) to the exterior.
- The exterior face of the rough opening must be in a single plane (E) with less than 1/8" twist from corner to corner.
- Minimum double studs should be used at all wood framed rough openings.
- The header must be supported by trimmer studs.
- Correct any deviations before installing the patio door.

FOR RETROFIT INSTALLATIONS

After removing the old patio door, remove sufficient cladding (siding, stucco etc.) to expose enough intact building wrap to properly seal the patio door to the opening. If damaged, apply new building wrap in shiplap manner (nailing fin products only). Verify the rough opening framing is structurally sound. Contact your local waste management entities for proper disposal or recycling of products being removed.
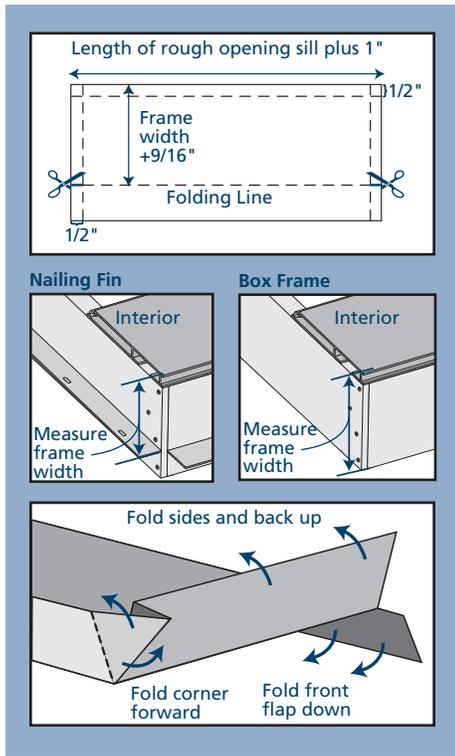
3 INSTALL SILL PAN

Note! **Sill pans are only needed for continuous slab and step-down landings. For recessed sill pocket installations, skip to the applicable section to prepare a buck or stud framed wall.**

The sill can be prepared using one of two methods: We recommend SureSill™ Sloped Sill Pan™ available from SureSill at www.suresill.com, building supply stores, and some manufacturing locations. As an alternative, a sill pan can be fabricated on site, by following the instructions below. If installing a SureSill™ sill pan, follow SureSill™'s instructions for installation and skip to **section 4 "PREPARE STUD-FRAMED WALL".**

JOBSITE FABRICATED SILL PAN

1. Cut a piece of sheet material to the length shown.
2. Lightly crease folding lines 1/2" in from the two short sides and one long side.
3. Measure the width of the frame and add 9/16".
4. Take this distance from the back edge and lightly crease a folding line across the sheet material.
5. For step-down landings, cut 1/2" in at this line on both sides of the sheet material.
6. For continuous slab, cut across the folding line.
7. Fold the three back sides up to make a 3-sided box, and, for step-down landings, fold the front flap down.

Length of rough opening sill plus 1"

Frame width +9/16"

Folding Line

1/2"

1/2"

Nailing Fin — Interior — Measure frame width

Box Frame — Interior — Measure frame width

Fold sides and back up

Fold corner forward

Fold front flap down

If installing into masonry:

1. Cut a piece of self-adhered flashing the length of the sill.
2. Cut a notch out of each end and apply to the sill as shown.
3. Set the sill pan in the rough opening, aligning the front edge (for continuous slab, shown) or folded down edge (for step down) with the exterior of the rough opening.
4. Mark lines on the sill where the sill pan will sit.
5. Apply three 3/8" beads of sealant between the lines.
6. Place the sill pan in the rough opening. Firmly press the sill pan into the sealant with a J-roller.
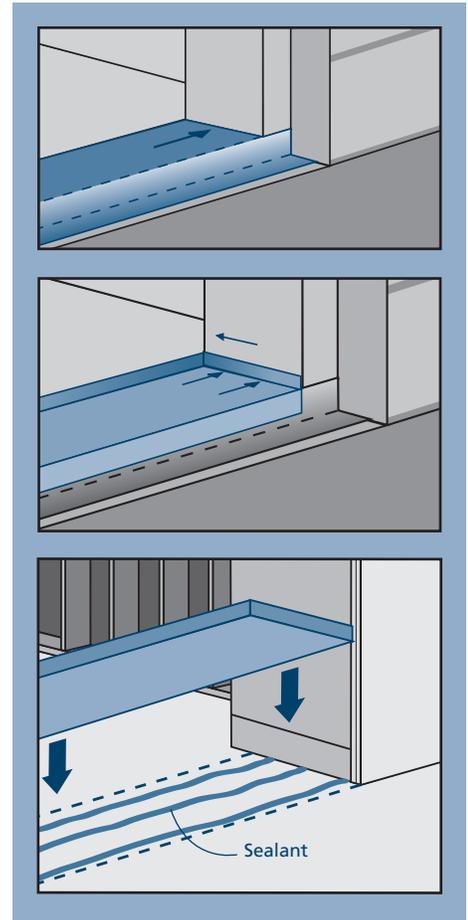

Sealant

4 PREPARE BUCK

Note! **This section applies to installations into a buck only. For installations into a stud-framed wall, begin with section 5, "PREPARE STUD-FRAMED WALL."**

1. Seal any joint larger than 1/16" in the buck and between the buck and the concrete/masonry with sealant.
2. Cover the buck and the surrounding concrete/masonry at the head and jambs (apply over sill pan if installing a job site fabricated sill pan) with liquid applied flashing per manufacturer's instructions as shown.

END of Buck Instructions, SKIP to section 6, "INSTALL DOOR."

Liquid applied flashing

Sealant joints
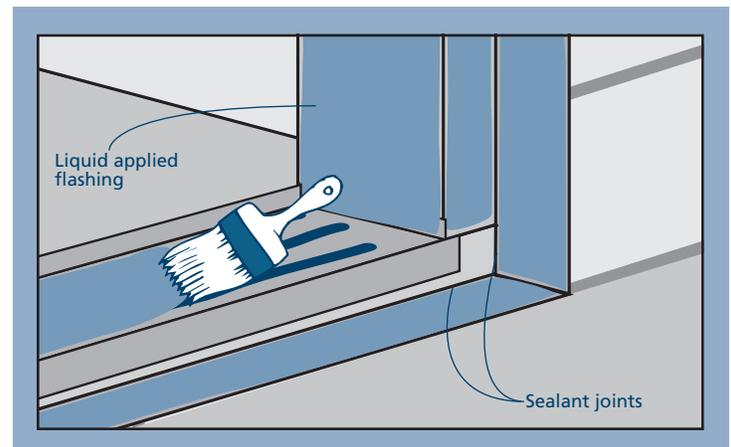
5 — PREPARE STUD-FRAMED WALL

PREPARE BUILDING WRAP

Note! Check with the building wrap manufacturer to verify the following steps will not void their product warranty.

For finless products, cut flush with all edges of the rough opening. For finned products, cut flush at the jambs and at the head. Slit building wrap 6" at 45° and tape up as shown. Trim the sides of the building wrap sufficiently to allow the nailing fin to be mounted against the sheathing.

1. Apply spray adhesive/primer to the sill pan and surrounding area. Follow manufacturer's instructions for application methods.

2. 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.
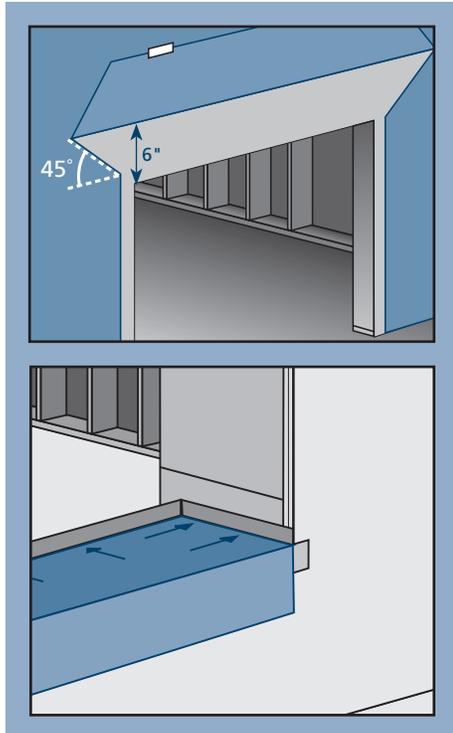
3. Cut two pieces of self-adhered flashing 9" wide by the sill pan width + 3" long.
   a. For continuous slab landings only, cut out the inside corner.
   b. Adhere the pieces of flashing to the inside corners. Stretch flashing as needed to cover corners and lay flat.
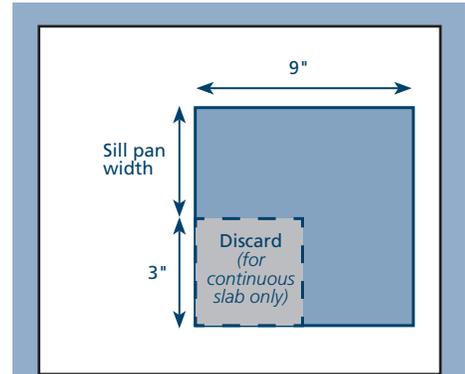
4. Smooth gaps or bubbles beneath self-adhered flashing with a J-roller (remove and replace if necessary).

5. Seal back corners of sill pan with sealant.

6. 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.
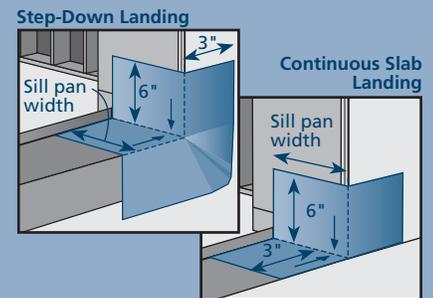
End of Stud-Framed Wall Instructions continue with section 6 "ASSEMBLE FRAME."
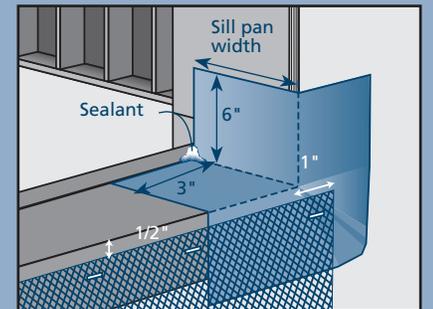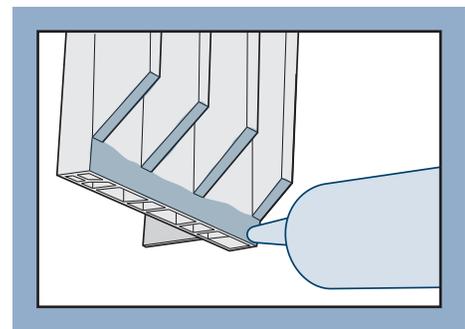

6 — ASSEMBLE FRAME

1. Stage all frame parts on a clean flat surface with the interior edge up and in proper arrangement for assembly. The interior edge is identified by the screen track or nailing fin (shown) being near the floor/ground.

Note! Images show a frame with a nail fin, but also apply to finless frames.
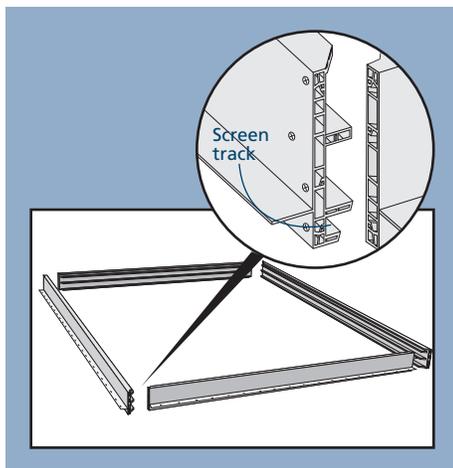

2. Remove pocket covers from frame.

3. Apply silicone sealant over the applied gasket and to all contact points of the frame pieces. Apply sealant to all pre-drilled holes.

6 ASSEMBLE FRAME - CONTINUED

4. Align jamb and head and install a #8 x 3" screw (coat the threads with sealant) through the inset jamb hole and into the head. Tighten until snug, but do not allow screw head to pull through vinyl.
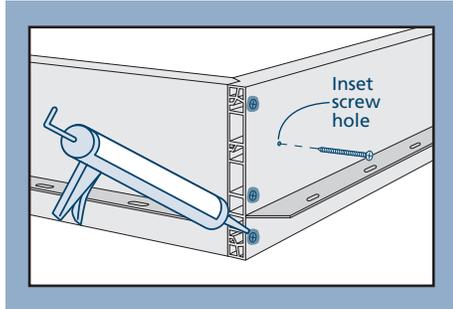
5. Install the rest of the screws in a similar manner. Tighten screws until all are equally snug and the gasket is compressed to a hairline thickness.

6. Repeat for the remaining three corners.

7. Remove sealant squeeze out from frame corners.

INSTALL SILL RISER (DP50 = 2.50" RISER, DP65 = 4.75" RISER)

1. Apply 100% silicone sealant the entire length of the sill riser as shown.

2. Center the sill riser on the interior sill lip and firmly press the sill riser onto the frame until it is fully seated. The bottom of the sill riser should be even with the bottom of the frame.

3. Apply sealant on each end the sill riser where it meets the frame along the inside and outside.
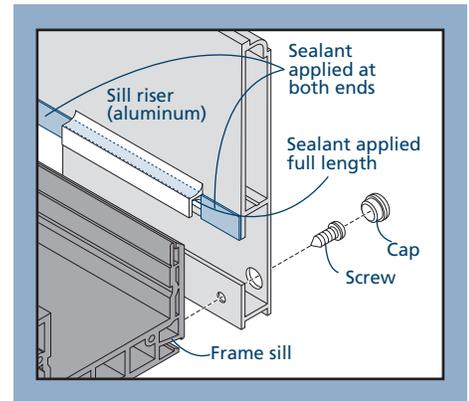
4. Apply sealant to the pre-drilled holes and attach riser to sill with the supplied #8 x 3/8" self-drilling Phillips pan head screws.

5. Install the supplied 3/8" caps into each fastener hole.

7 INSTALL FRAME

Warning! To avoid injury, use at least two people to install. Adequately support the door frame until fully installed.

1. Apply a 3/8" continuous bead of sealant across the sill pan (shown) or recessed sill back dam.

2. For nailing fin products, run a continuous 3/8" bead of sealant around the interior side of the nail fin or flange on the side jambs and head. On the sill, leave at least a 2" gap every 12") where it will contact the rough opening.

3. Tilt frame into the rough opening, making sure the back of the frame makes solid contact with the sealant.
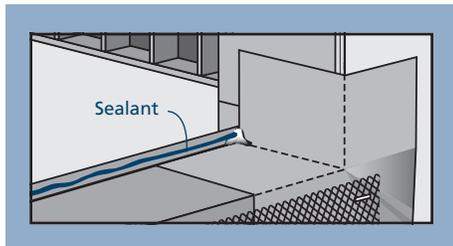
4. For nailing fin products only, install the optional drip cap over the nailing fin on the head. Fasteners will be driven through the drip cap and nailing fin in the next step according to the fastener schedule given in the appropriate drawing.
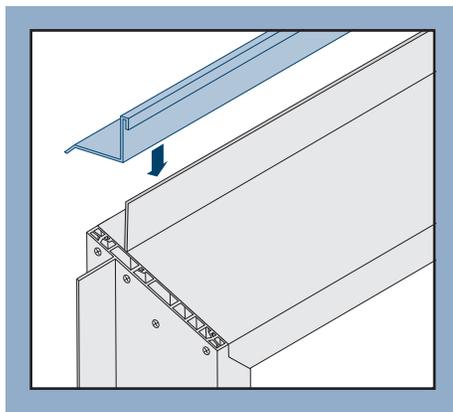
Note! See certified anchor drawing(s) for anchor type, spacing and embedment. For box frame products, **pre-drill holes following the appropriate schedule. For installation holes in the floor, fill with sealant prior to anchoring screws into sill. Coat the threads of the fasteners before installing. Sill Fasteners must be seated flush to prevent water from pooling on the fastener in the anchor hole dimple.**

5. Secure upper corner as follows:
   - For finned products, fasten frame through the nailing fin 3"- 4" from one upper corner.
   - For finless products, in one upper corner, place a shim between the frame and framing at the pre-drilled hole and drive a screw into the hole.
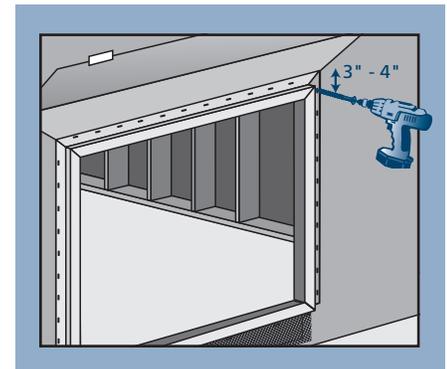
SHIM THE JAMBS

Note! Each location must have two opposing shims secured with sealant.

1. Shim at each pre-drilled hole (next to hole in the header) where there is a distance greater than 1/16" between the frame and opening. Apply additional shims to the side and head jambs as necessary to ensure frame position within the opening is plumb, level, and square. Shims must be 1" narrower than the frame jamb to allow 1/4" backer rod and sealant to be installed later. Use sealant if necessary to secure shims in place while anchoring.

2. Inspect the door frame for square, level, and plumb (remove and reinstall if necessary).
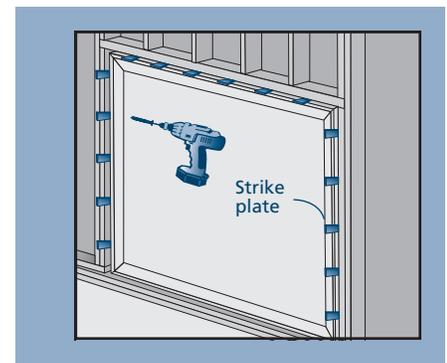
7 INSTALL FRAME - CONTINUED

SECURE FRAME

1. Fasten patio door frame with appropriate screws (see Materials section above) through every pre-drilled jamb, head and sill hole, and through any needed shims.
2. Inspect frame for square, level, and plumb (remove and reinstall if necessary).

8 FLASH PATIO DOOR FRAME

Note! If installing a finless door, skip to section 9. "INSTALL PANELS".

SEAL UPPER CORNERS

1. Cut two 5" pieces of self adhered flashing. Cut a slit in one piece 1 1/4" from the edge and halfway through the material as shown. Reverse the cut the next piece.
2. Align the narrow leg of the first piece of flashing with the front of the door frame head. Align the end of the cut with the edge of the corner and fold the flap down.
3. Roll the flashing toward the nail fin, pressing it tightly into the corner, and wrap up and onto the rough opening.
4. Apply the second piece in the same manner as the first, overlapping the first piece as shown.
5. Apply sealant to each seam and where the flashing meets the door frame.
6. Repeat for other upper corner.

For the second peice, reverse the cut and fold.
Cut   Fold
Fold
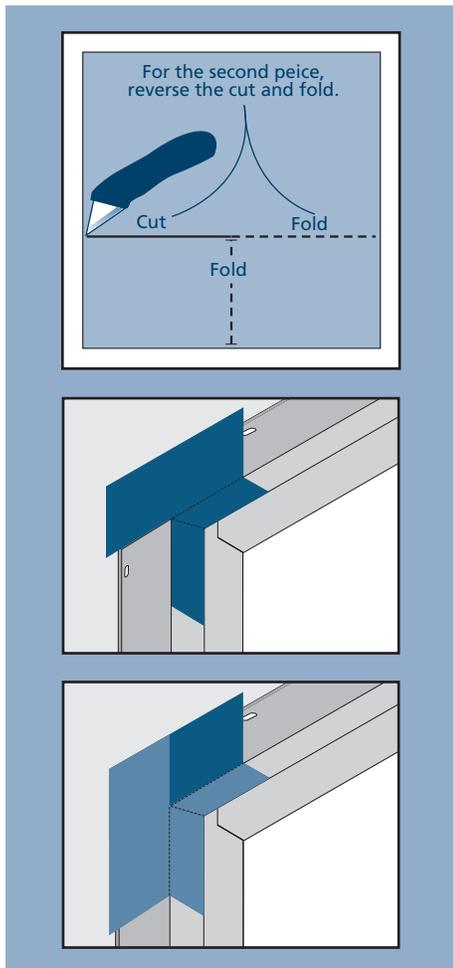
FLASH DOOR FRAME (NAILING FIN PRODUCTS ONLY)

Cut pieces of self-adhered flashing to length as follows (based on 6" flashing):
- One header piece 14" longer than the header.
- Two side pieces: for continuous slab landings, 5" longer than the sides, or for step-down landings, 5" + the height of the step.
- For step-down landings only, one sill piece 10" longer than the sill and 1" narrower than the height of the step.

SPRAY ADHESIVE/PRIMER

Apply spray adhesive per manufacturer's instructions (protect door from overspray) to nailing fin, sheathing, and building wrap around the patio door as shown.

6"
Spray Adhesive
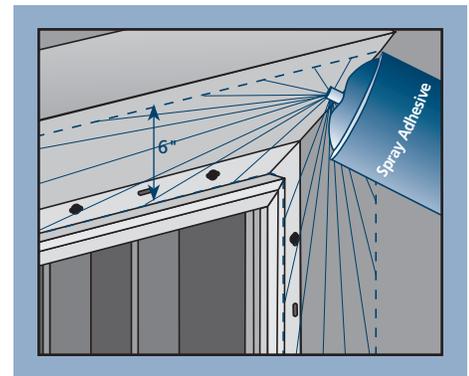
APPLY THE SELF-ADHERED FLASHING

Note! Keep the edge of the self-adhered flashing as close to the patio door frame as possible.

1. If applicable, center and apply the sill piece underneath the sill (bottom 1/2" of the drain screen must remain visible).
2. Apply the side pieces starting 5" above the header.
3. Center and apply the header piece above the header.
4. Press the flashing down with a J-roller.
5. If gaps or bubbles appear beneath flashing, remove and replace until all bubbles are gone.
6. Seal the upper corners of the patio door with a 1/4" bead of sealant. Tool into a fillet shape.
7. Release the building wrap from above the header (previously taped up) and overlap the flashing. Seal the ends with self-adhered flashing or building wrap tape.

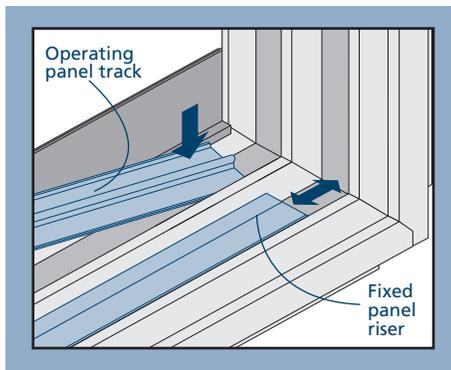# 9 INSTALL PANELS

DETERMINE DOOR CONFIGURATION

Refer to the sections below for detailed instructions on installing each interior and exterior panel into the frame. After all panels are installed, follow the instructions for adjusting the rollers and fixing the stationary panels in place.

Note! **"X" identifies operating panels and "O" identifies fixed panels. Panels are not reversible or interchangeable. The exterior side of all panels will have a glass stop on it. Position each panel so that the glass stop faces the exterior.**
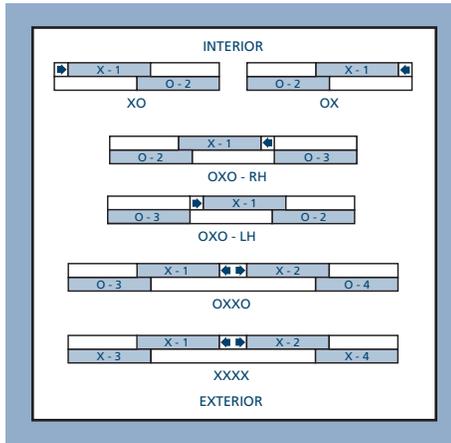

VERIFY TRACK AND FIXED PANEL RISER POSITION

• Verify the stainless steel track is installed into the interior track in the proper location for door handing. OXO LH configurations need the track installed on the left side as viewed from the interior. Adjust as necessary.

• Fixed panel riser(s) should be pre-installed into the exterior track of the sill where the fixed panel(s) will be installed. Verify the riser does not block the weep hole.

INSTALL FIXED PANEL JAMB SPACER BLOCKS

In the exterior track of the jamb(s) where any fixed panel(s) will be installed, place one spacer block 12" from the head and sill and one at center.
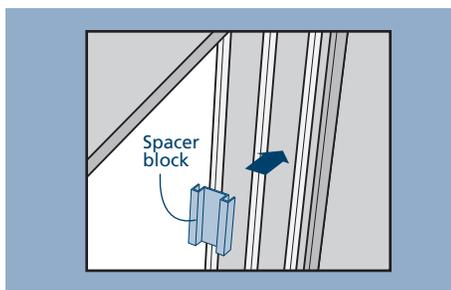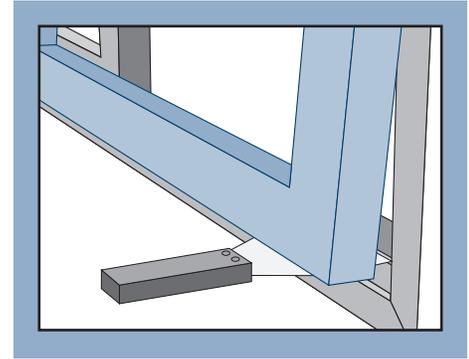

INSTALL OPERATING PANEL(S)

1. From the exterior, position the panel in a slightly open position, with the bottom slightly angled away from the frame. Place the top of the panel into the interior track of the head and swing panel over the sill and onto the stainless steel track.

Note! **If the rollers do not clear the sill, adjust the rollers up into the panel (discussed next) and slide a putty knife or similar tool between the rollers and the sill.**

2. Open the operating panel and position two spacer blocks into the head track above the normally closed position.

ADJUST OPERATING PANEL(S)

Note! **Adjust each panel just high enough to clear the track. Raising the panel more than needed may allow air/water infiltration. Do not use a power driver.**

1. Remove the small vinyl plugs on each lower end of the operating panel.

2. Turn adjustment screws clockwise to raise the panel, counterclockwise to lower the panel. Adjust panel until jambs, interlocks and grid patterns line up. Verify the panel is not high enough to drag on the spacer blocks in the head.
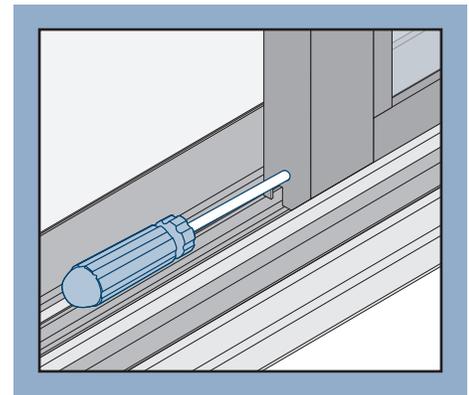
3. Replace the vinyl caps over the roller adjustment holes.

INSTALL FIXED PANEL(S)

1. Position fixed panel(s) on the exterior with interlocks positioned toward the center of the door.

2. Position the bottom of the panel close to the jamb and slightly angled away from the frame.

3. Place the top of the panel into the exterior track of the head and lift.
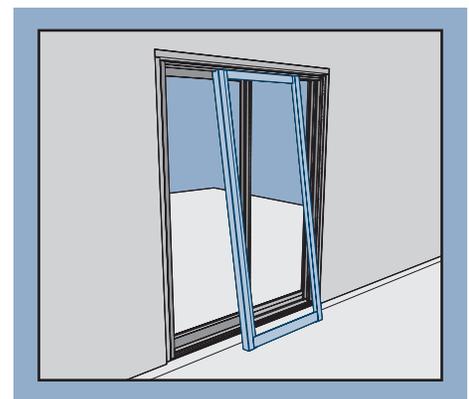
4. Swing the bottom of the panel into the frame and let rest on the riser in the exterior track of the sill.

5. Lift and slide the fixed panel toward the side jamb until it contacts the spacer blocks in the side jamb. Make sure the riser does not slide and block the weep hole.

Note! **If installing a two panel door (XO or OX), skip to section 10 "COMPLETE INSTALLATION."**

9 INSTALL PANELS - CONTINUED

INSTALL ASTRAGAL (OXO CONFIGURATIONS)

1. Open the operating panel.
2. Position the astragal between the operating and fixed panels with:
   - screen astragal adapter to the exterior.
   - bottom toward the fixed panel.
3. Insert the bottom of the astragal past the end of the stainless steel track.
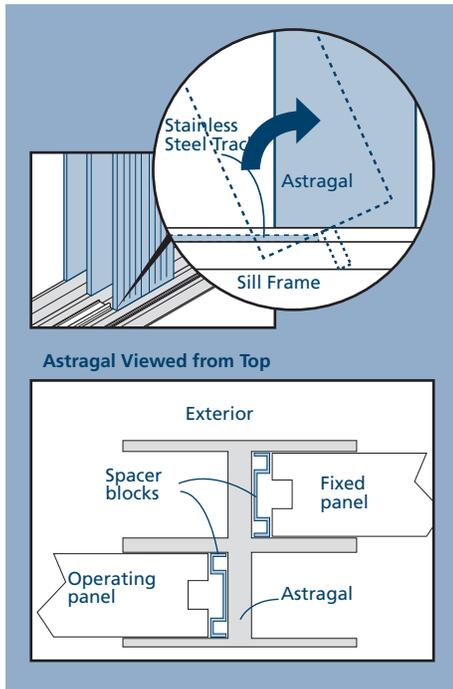
Note! The track may need to be moved closer to the side jamb to allow for the astragal to fit between the track and fixed panel.

4. Place three spacer blocks into the exterior track of the astragal where it will meet the fixed panel, 12" from each end and one at center.
5. For non-impact doors with a single point keeper only, place a spacer block into the interior track of the astragal where the keeper is to be located.
6. Tilt the astragal into place against the fixed panel.

END of OXO instructions, SKIP to "SECURE ASTRAGAL."

Astragal Viewed from Top

INSTALL ASTRAGAL (OXXO CONFIGURATIONS)

1. Open the operating panels.
2. Position the astragal next to the secondary operating panel, identified by having a handle, but no lock latch.
3. Place three spacer blocks into the interior track of the astragal where it will meet the secondary operating panel, 12" from each end and one at center.
4. Vertically center the astragal between the head and sill. Hold the astragal firmly in place until fastening is complete.
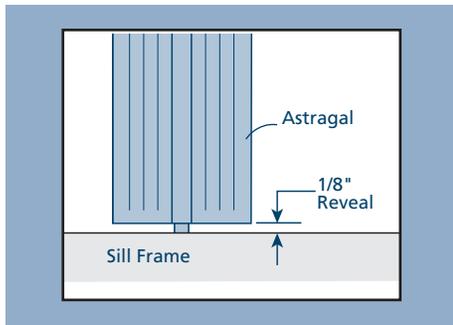
SECURE ASTRAGAL

Note! The astragal and panel have metal reinforcement. Do not drill farther than 3 3/4" into the astragal and panel as it could damage the glass.

Drill pilot holes in the panel through the pre-drilled astragal holes. Fasten the astragal to the panel using #8 x 3" screws.

SECURE FIXED PANEL(S)

1. Close and lock all doors then adjust fixed panels to ensure a good fit before fastening.
2. Secure each fixed panel in the locations shown.
3. On the interior, install #8 x 1 3/8" flat head screws at a slight angle through the blind stop into the fixed panel.
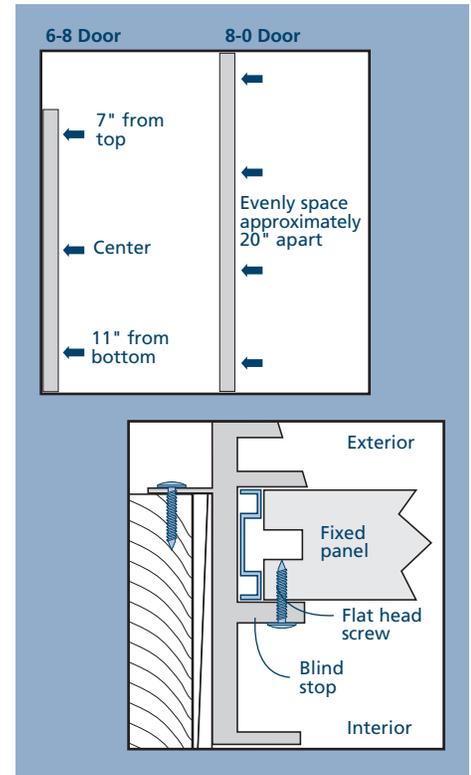
10 COMPLETE INSTALLATION

1. Insert hole plugs into fastener holes not covered by pocket covers.
2. Insert weep covers into the upper weep holes.

Hole plugs

3. Trim pocket covers to fit and insert into the empty cavities in each exposed jamb and each unused head and sill track.

Pocket cover
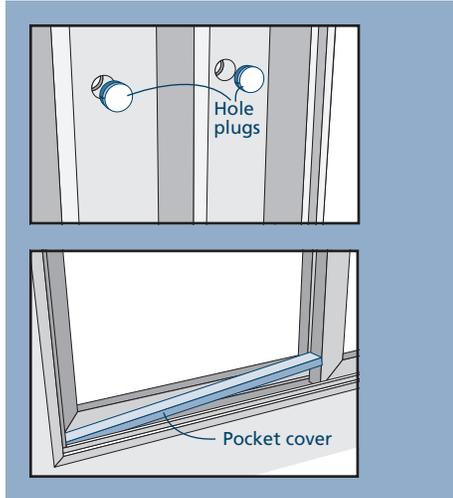
4. Install panel stop(s) in the operating panel head track against the jamb with anchor fasteners.
• For one moving panel systems (OX, XO, OXO), install panel stop 6" from the jamb in the head track behind operating panel(s).
• For two moving panels (OXXO), install a second panel stop 12" from each jamb in the head track on each side. Secure in place using frame installation screws.
• If all panels move (XX, XXXX), panel stops are installed on the panel only. Position these as needed to get the desired clearance between the handle and neighboring panel to prevent prevent pinch points to hands/fingers from the handles.

6" Panel stop

Panel stop when all panels move

Fixed panel

Secondary operating panel

Primary operating panel
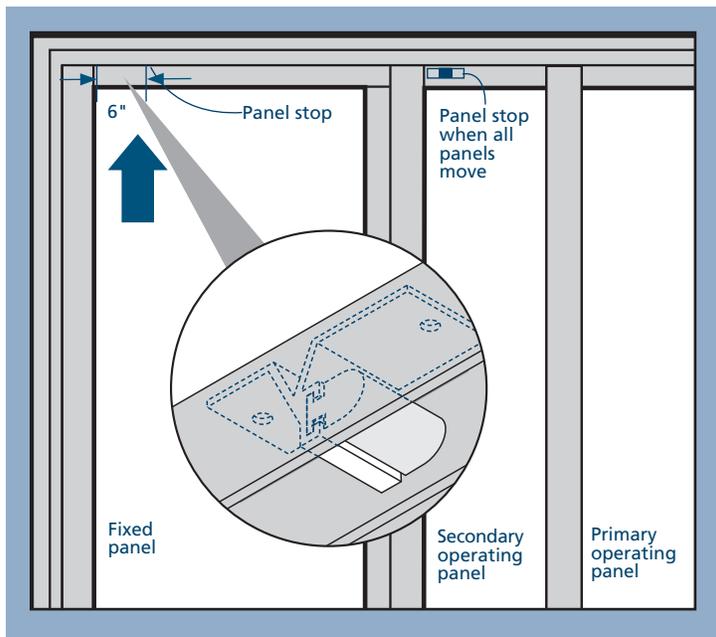
### INSTALL SCREEN (IF APPLICABLE)

1. Install the screen track into the exterior most sill track. OXO configurations install the track on the same side of the door as the panel roller track (left for LH doors).
2. Place the top of the screen into the exterior head track. If necessary, adjust the spring-loaded screen rollers all the way back into the screen frame with a #2 Phillips screwdriver. Turning the screws counterclockwise retracts the rollers into the frame.
3. Lift and swing the bottom onto the screen track. It may be necessary to hold the bottom rollers up with a putty knife to clear the sill.
4. Adjust the wheels at both the top and bottom in order to center the screen between the head and sill.
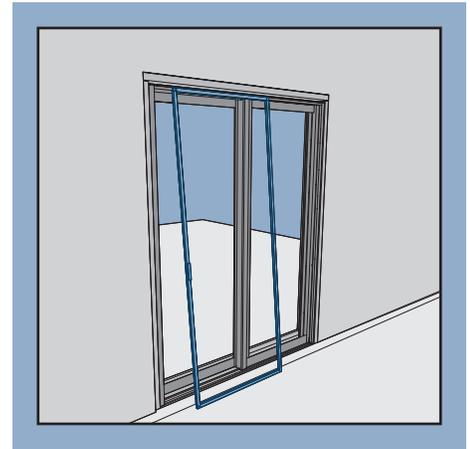
Note! **Excessive tension may cause binding. Adjust so the top and bottom are parallel with the head and sill.**

INSTALL SCREEN JAMB (IF APPLICABLE) 3 PANEL (OXO) UNITS ONLY

1. Vertically align the screen jamb with the pre-installed jamb adapter and press to snap into place. Screen jamb may need to be trimmed to fit.
2. Locate the screen lock keeper in the plastic bag attached to the screen.
3. Align the lock keeper, catch side up, with the latch on the screen panel. Pre-drill holes if necessary and install the keeper.
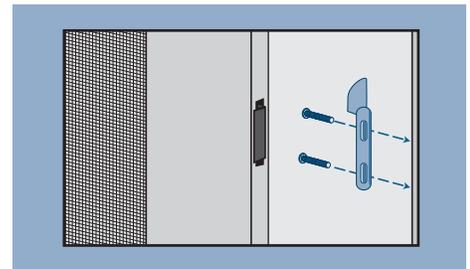
VERIFY OPERATION

• Test the door panel(s), screen and lock to verify proper operation. Adjust as necessary.
• Ensure sealant on back dam of the sill pan fully seals to the inside face of the sill. Apply more sealant as necessary.

JW

10   COMPLETE INSTALLATION - CONTINUED

COMPLETE INSTALLATION

1. For continuous slabs, on the exterior, apply a 1/4" bead of sealant around the sill where it meets the slab. Leave 1" gaps 4"- 6" from each corner as shown. Leave additional 1" weep gaps at each interlock, or every 4', whichever is less. For step-down landings, fully seal under the patio door sill.

2. On the exterior of step down landings, install support trim underneath the sill where it extends past the landing. Position trim snugly against the bottom of the sill toe.

3. Create a continuous air seal on the interior between the rough opening and the frame with low expansion foam or backer rod and sealant.

Gap

Gap

Sealant joint

Backer rod
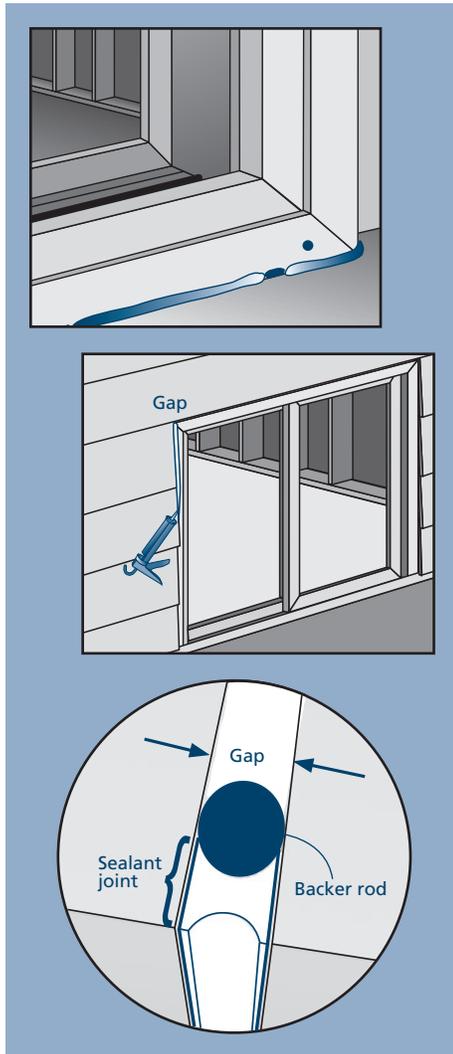
AFTER INSTALLATION

• Remove protective film (if applicable) on glass within one year.

• Seal any gaps or openings at end of horizontal mull joints with sealant.

• Install exterior wall surface per manufactures' guidelines.

• Leave an expansion/contraction gap of approximately 3/8" between window frame and final exterior wall surface (siding, stucco, etc.). For a finished look and additional protection, seal this gap on the sides with backer rod and sealant. If sealant is applied above the drip cap ensure the sealant bead is discontinuous to allow for drainage.

• Protect recently installed units from damage from plaster, paint, etc. by covering the unit with plastic.

Please visit jeld-wen.com for warranty and care and maintenance information.

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