

**3-PANEL**

# **Knock Down Patio Door**

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## **Assembly Instructions**

*For Viwinco Non-Impact and Impact Doors*

### **IMPORTANT NOTES BEFORE YOU BEGIN**

For proper installation and your protection, review the full instructions before starting.

**The instructions cover:**

- Product Specific Installation and Assembly: Consult full installation instructions and manufacturer guidelines for proper installation. Go to [www.viwinco.com/installation-guides/](http://www.viwinco.com/installation-guides/) for all installation guides.

**For water management, flashing, WRB integration, and standard installation practices, follow:**

- ASTM E2112, FMA/AAMA 100, 200, and FMA/WDMA 250 for windows
- ASTM E2112, FMA/AAMA/WDMA 300, 400 for doors, as applicable

**Follow all local building codes. For Florida approvals, reference the FL# on the NFRC label and visit [www.floridabuilding.org](http://www.floridabuilding.org) for approved engineering.**

For helpful “HOW-TO” videos for our patio doors, please scan this QR code.





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## SPANISH INSTRUCTIONS AND ONLINE INSTALLATION GUIDE

For Spanish instructions or to view the full installation guide online,  
scan the QR code or visit: [www.viwinco.com/installation-guides/](http://www.viwinco.com/installation-guides/)

Para ver las instrucciones en español o consultar la guía completa de instalación en línea,  
escanee el código QR o visite: [www.viwinco.com/installation-guides/](http://www.viwinco.com/installation-guides/)



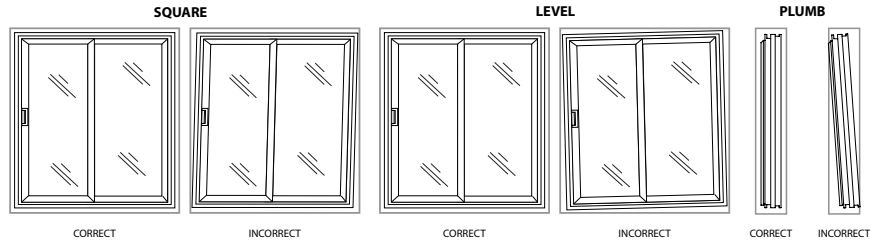
# GETTING STARTED

Before beginning installation, carefully read through all instructions to ensure proper procedures are followed. Failure to install the product correctly may result in damage that is not covered under the product warranty. Following these guidelines is essential to maintain warranty protection and ensure long-term performance.

## THE IMPORTANCE OF LEVEL, SQUARE, AND PLUMB INSTALLATION

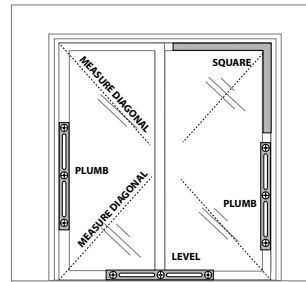
Proper patio door installation is very important. Making sure the door is level, square, and plumb ensures they function as they should for the following reasons:

- The door will open, close, and lock smoothly
- A proper seal helps prevent air and water leaks
- The frame and hardware won't be under unnecessary stress
- Energy efficiency is maintained
- Reduces the risk of glass cracking or fogging
- The finished install looks clean and professional



## CHECKING LEVEL, PLUMBNESS, AND SQUARENESS

- **Level:** The head and sill must be level or brought level across the width of the opening. Viwinco **recommends against** the use of shims under the threshold or bottom track of the door system. Door sill must also be level and not slope to the interior of the home when checked from inside to out.
- **Plumb:** To check a door opening for plumb in both vertical planes, hold a level against each jamb—first along the face and then along the edge—to ensure both sides are straight and perfectly upright.
- **Square:** Measure corner to corner in both diagonals, both measurements should be equal.
- **Cross-Check Jamb for Plane:** Use diagonal cross string technique, a laser, or straight edge that can span the opening to verify that both legs of the jamb opening are parallel and in plane with one another.
- **Recheck:** Confirm level, plumb, square, and consistent door reveals vertically and horizontally after fastening.



**IMPORTANT: Avoid “crowning” or “smiling” at the sill or head. Keep jambs parallel and equal in width. Any bowing or unevenness will affect door operation. Ensure the head and sill are completely level for proper performance.**

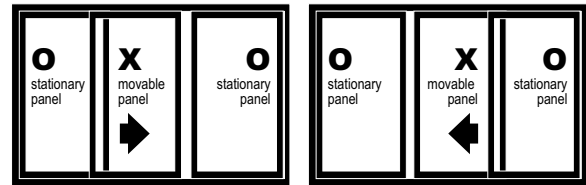
## BEFORE YOU USE SPRAY FOAM:

### READ THESE REQUIREMENTS

Viwinco does not recommend the use of spray foam on our patio door systems. If you elect to use an expanding spray foam, the following should be considered:

1. Only low-expansion (“low pressure”) polyurethane foams explicitly designed for window and door installations should ever be used. Under no circumstances should high-pressure, high-expansion or latex foams be used.
2. **Application Volume & Method:** A bead of foam approximately 1" deep should be applied around the interior side of the door frame (approximately 1" from the frame wall), leaving adequate room to permit foam expansion. Do not fill the full depth of the cavity between the door frame and rough opening. Overfilling voids can lead to frame bowing, distortion, and impaired operation of the door.
3. **Curing & Trim:** Allow the foam to fully cure (per the foam manufacturer’s instructions). After curing, remove any excess “squeeze-out” with a serrated knife or similar, taking care not to damage the frame.
4. **Compatibility and Compliance:** The installer is responsible for reading and following both (a) the door manufacturer’s installation instructions, including any frame-gap, shimming, and sealing tolerances, and (b) the insulation foam manufacturer’s application and safety guidelines (e.g., expansion rate, curing time, temperature).
5. **Risk Acknowledgment:** The installer acknowledges that improper use of spray foam (e.g., overfilling, using non-approved foam) can result in frame distortion, degrade door performance, impair operation, or otherwise compromise the installation. Further, any such damage or impairment arising from incorrect foam application is the installer’s responsibility; Viwinco disclaims liability for issues caused by the misuse of insulating foam.
6. **Warranty Implications:** Use of improper insulation or application outside of the manufacturer-specified method may void or reduce warranty coverage, particularly for issues related to frame geometry, operational performance, or seal integrity.

## PATIO DOOR HANDING



## REQUIRED MATERIALS

- Flat, high-impact, non-compressible composite shims
- Use non-corrosive fasteners long enough to penetrate the substrate a minimum of 1.5", or as required by engineering specifications and applicable building codes.

## INSTALLER MUST VERIFY SEALANT FOR ADHESION AND COMPATIBILITY WITH EVERY INSTALL

## SHIMMING

- Use flat composite shims.
- Place shims at each fastener location to provide consistent support.
- Ensure the door is plumb, level, square, and true before fastening.
- Do not use wood or irregular shims, as they can compress or deteriorate over time.
- Improper shimming can cause operational issues and may void the warranty.

## MODIFICATIONS & FILMS

- Any changes or alterations made to the product or its design will void all warranties. The installation of third-party accessories, whether attached to or integrated into the product in any manner, will also void all warranties. Additionally, applying aftermarket films to the glass may cause the glass breakage and will void all glass-related warranties.

## EIFS INSTALLATIONS

- Consult your sealant, EIFS manufacturer, and EIFS designer before installing into EIFS structures.

## PRODUCT CARE

- Avoid caustic/abrasive cleaners, silicone or petroleum-based products, and insecticides near vinyl surfaces—they may cause damage.

# GETTING STARTED

## SAFETY AND HANDLING

**WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT (PPE) AT ALL TIMES DURING INSTALLATION.**

- Lift with two or more people; OceanView Impact doors are extremely heavy. Do not drag or drop.
- Keep upright and fully supported to prevent frame distortion.
- In cold weather, handle carefully—vinyl parts may become brittle.
- Inspect for damage or missing parts before installation.
- Wear gloves and safety glasses when handling glass.
- Do not drill into the frame or sash; this reduces performance and voids the warranty.

## PRODUCT STORAGE

- Store indoors on a clean, level surface in a cool, shaded area. Do not store outside.
- Remove all stretch wrap before storing; heat or sunlight can cause warping.
- Avoid exposure to moisture or temperature extremes.

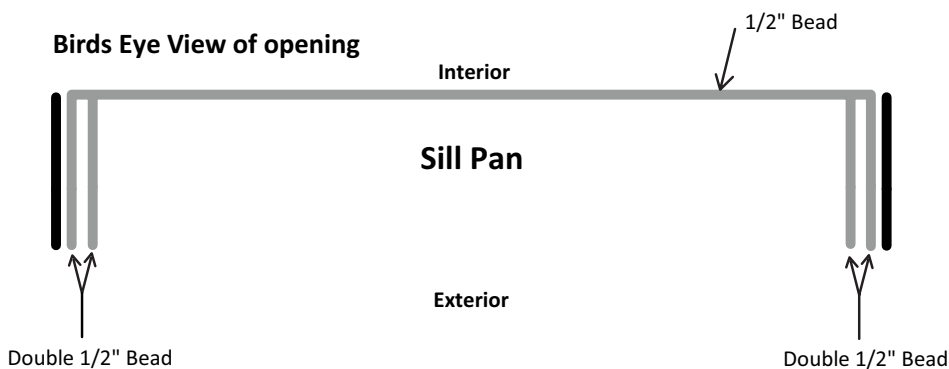
## SILL WATER PROOFING

**IMPORTANT: INSTALLER IS RESPONSIBLE FOR CORRECT APPLICATION.**

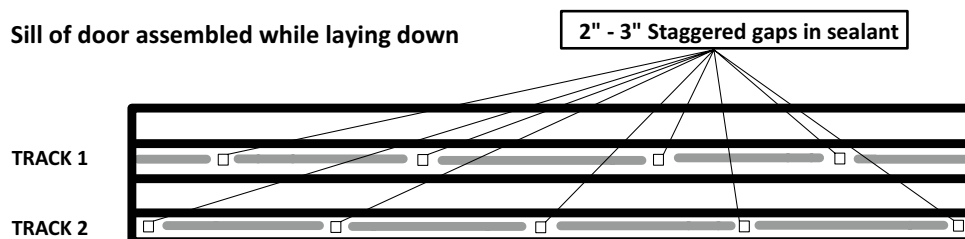
**VIWINCO DOES NOT WARRANT ANY WATERPROOFING METHOD.**

1. Dry fit the frame and mark the perimeter. Apply sealant to create a "U"-dam at the pan.
2. Lay a 1/2" bead of sealant as shown in the diagram below.

**IMPORTANT: SILL PANS MUST BE USED, AND PROPER WATERPROOFING MUST BE APPLIED TO BOTH THE SILL PAN AND THE DOOR FRAME. DO NOT SEAL THE EXTERIOR BETWEEN THE FRAME AND THE PAN.**



3. Build a continuous line of sealant on each track, leaving 2" – 3" gaps to allow for proper weep paths.
4. Cover each fastener hole with sealant, as shown in the diagram below.
5. When setting the frame, roll it into the opening and set it in place. **DO NOT SLIDE.**



# MATERIALS

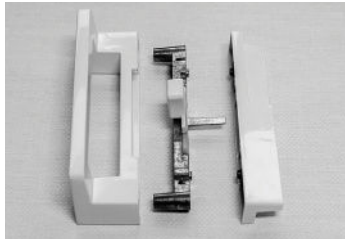
## Materials Supplied (Packing List)

- 1 Frame Head
  - 1 Frame Sill
  - 2 Jambs  
(1 right jamb and 1 left jamb)
  - 2 Vinyl Sill Riser
  - 1 Fixed Panel Interlock
  - 4 Aluminum Fixed Snubbers for Jamb 30"
  - 4 Fixed Panel L-Brackets
  - 1 Aluminum Threshold Cover
  - 2 Jamb Cover - stock length/field fit
  - 1 Screw Snap Cover for Interlock
  - 2 Fixed Door Panel
  - 1 Operable Door Panel with Interlock
  - 2 Sash Stops
  - 1 Head Cover
  - 2 Track Inserts
  - 1 Packet of Assorted Screws  
(see selection of screws below)
  - 12 Screw Snap Covers
  - 1 Box with Handle Kit Set
  - 1 White Silicone Tube  
(Frame Assembly and Fixed Jambs)
- For OceanView Patio Doors Only**
- 2 Additional Aluminum Fixed Snubber for Head 15"
  - 1 Interlock Bracket

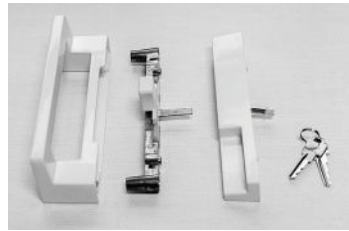
## Tools/Equipment Needed

- Tape Measure
- 4' Level
- Power Drill
- Phillips Head Bit
- Caulk Gun
- OSI Quad Max
- Rubber Mallet
- Plastic Shims  
(breakaway type horse shoe shims are ideal)
- Suction Cups - Used to install door panels into jamb on impact doors
- Step Ladder
- Wire Cutters or Tin Snips
- Sill Pan
- 2 Clamps

## Handle Kit Set



Handle Kit - non-keyed



Handle Kit - keyed

## Assorted Screws



**Frame Screws**  
#8 – 2-1/2" x 22  
(3 per corner) Pan Head



**Installation Screws**  
#8 – 2" x 12  
Flat Head Self-Drill



**L-Bracket Screws**  
#8 – 3/4" x 24  
Flat Head



**Interlock Screws**  
#8 – 1" x 20  
Pan Head Self-Tapping



**Strike (Keeper) Screws**  
#10 – 3/4" x 2  
Pan Head



**Interlock Brackets Screw**  
#8 – 1" x 8  
Flat Head Only for Impact Door



**Nylon Bracket Screws**  
#8 – 1-1/2" x 6  
Flat Head Self-Tapping Only for Impact Door



**Jamb Cover Screws**  
#6 – 3/4" x 10  
Phillips Flat Head



**Sill Riser Screws**  
#6 – 1-1/4" x 30  
Phillips Flat White Head Self-Drill



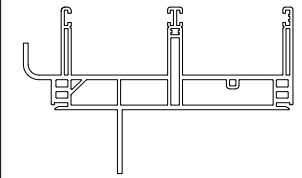
**Astragal Screw**  
#8 – 3" x 12  
Pan Head



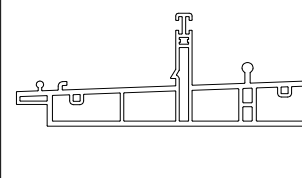
**Screw Snap Covers**  
x 12

## Profiles

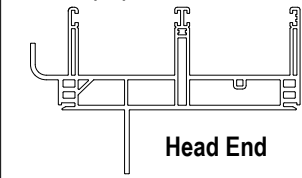
### Frame Head (x1)



### Frame Sill (x1)

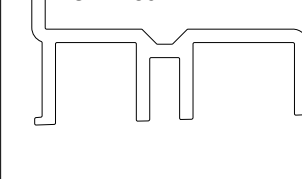


### Jambs (x2)

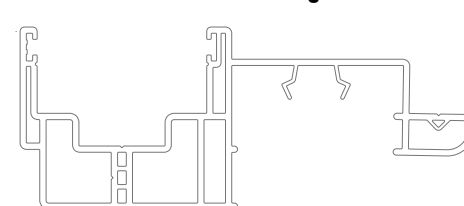


Head End

### Sill Riser



### Astragal



# FRAME ASSEMBLY & INSTALLATION

## 1. Unbox and Inspect all KD components

Lay all parts out on a flat surface and verify the correct unit, panel count, handing, and that no shipping damage is present.

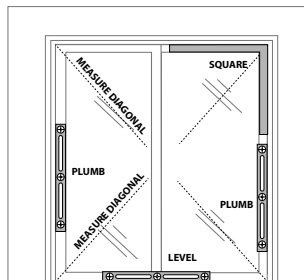
**NOTE: REFER TO PACKING LIST TO ENSURE THAT ALL LISTED MATERIALS ARE INCLUDED.**

## 2. Rough Opening Check and Dry Fit

Prior to applying any sealant or permanent fasteners, **verify the rough opening is the correct size and the sill is level.**

**Dry Fit** - Confirm the correct sill, head, and jambs are matched to the door unit and oriented properly. Verify mull posts (if applicable) are correct and fully seated. Temporarily assemble the frame to check overall fit, squareness, diagonal measurements, track alignment, and panel configuration.

**MAKE ANY NECESSARY CORRECTIONS BEFORE FINAL ASSEMBLY.**



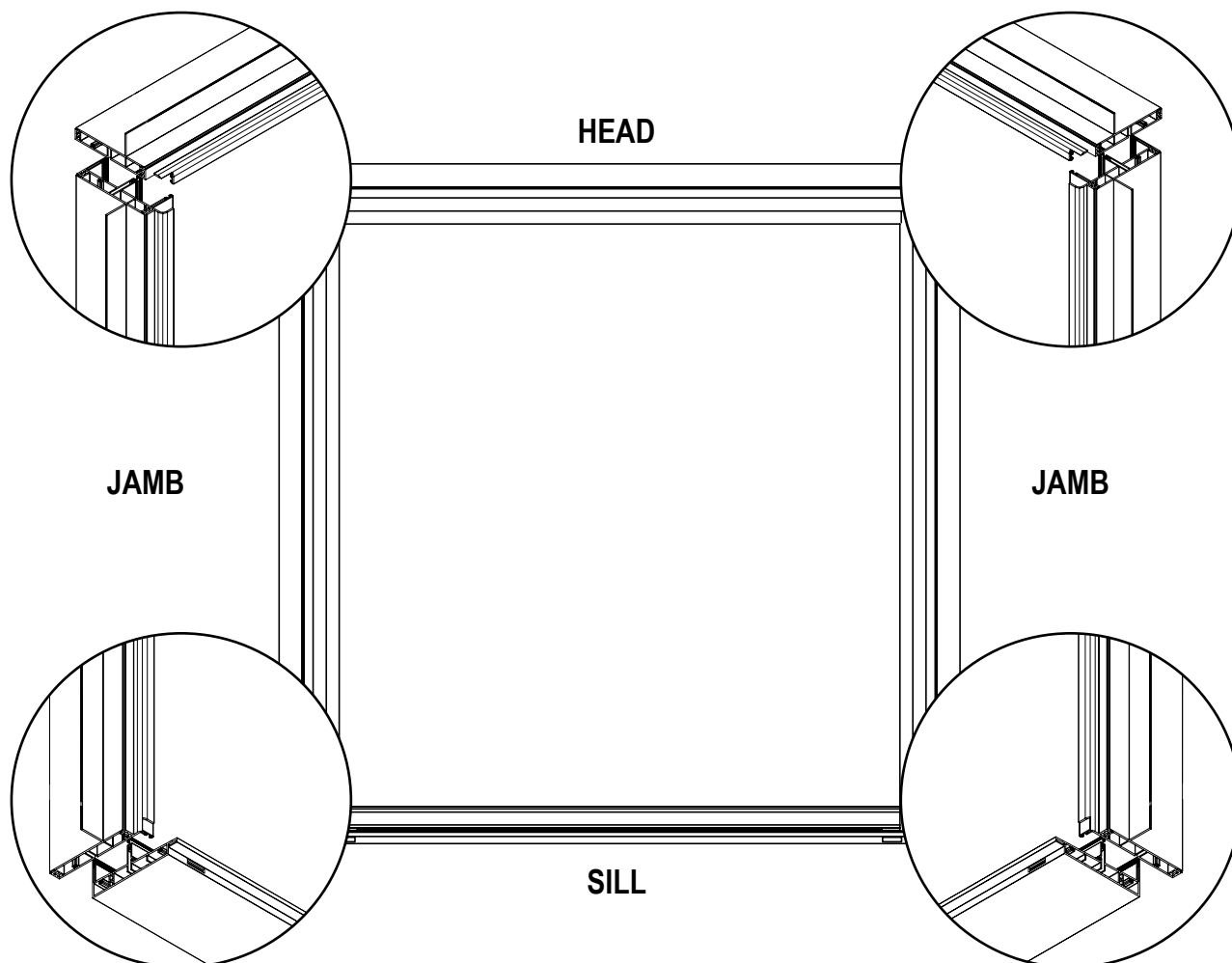
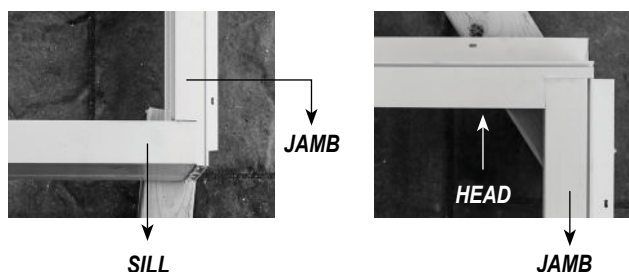
**IMPORTANT: Avoid “crowning” or “smiling” at the sill or head. Keep jambs parallel and equal in width. Any bowing or unevenness will affect door operation. Ensure the head and sill are completely level for proper performance.**

## 3. Frame Assembly

After completing the dry fit, lay out the frame components on a flat surface, ensuring the sill, head, jambs, and mull posts (if applicable) are properly aligned and oriented. Verify all components are matched correctly to the door unit and seated fully. Refer to the profile images on the previous page to confirm proper component orientation and alignment prior to applying sealant and final fastening.

**WHEN ASSEMBLING THE FRAME MAKE SURE YOU ATTACH THE LEFT AND RIGHT JAMB TO THE CORRECT SIDE OF HEAD AND SILL.**

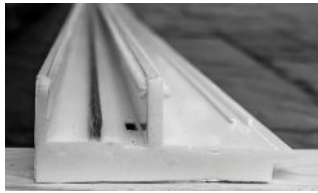
**IMPORTANT! BE SURE YOU CLEAN ANY DIRT OR DEBRIS FROM THE END SURFACES OF THE JAMBS.**



# FRAME ASSEMBLY & FRAME INSTALLATION

## 4. Frame Gaskets

Frame gaskets are factory-installed at the plant. Verify that both sill gaskets are present, properly seated, and free of damage before proceeding.



**IMPORTANT: DO NOT PROCEED WITH INSTALLATION IF THE GASKETS ARE MISSING OR DAMAGED. CONTACT YOUR SALES REPRESENTATIVE.**

**IF SILL GASKETS ARE NOT PRE-INSTALLED, MAKE SURE TO INSTALL THEM AS SHOWN IN THE IMAGE.**

## 5. Sealant Application – Head and Sill



**APPLY A CONTINUOUS BEAD OF OSI QUAD MAX (RECOMMENDED) TO EACH END CUT OF THE HEAD AND SILL.**

## 6. Attaching Jamb to Sill and Head

Start by hand-threading three #8 x 2-1/2" frame screws into each end of the jamb. This allows for proper alignment and helps prevent damage to the sill gasket during fastening.



**IMPORTANT NOTE: DO NOT OVER-TIGHTEN THE SCREWS. OVER-TIGHTENING MAY CRUSH THE VINYL FRAME MEMBERS AND DAMAGE THE FRAME. BE SURE TO ALIGN AND USE ALL THREE SCREW HOLES AT ALL FOUR LOCATIONS.**

## 7. Sealant Application – Frame Joints



Apply a continuous bead of polymer sealant, such as OSI Quad Max (or equivalent), around all head to jamb and sill to jamb butt joints to ensure a watertight seal.

## 8. SILL PAN INSTALLATION REQUIRED!

Once the frame has been verified as level and square, and any required modifications have been completed, install a sill pan. **The sill pan must be installed according to the manufacturer's instructions and industry standards. Failure to properly install a sill pan may void the product warranty.**

## 9. CRITICAL: WATER DRAINAGE SYSTEM

After the sill pan is installed and the sealant has cured, refer to Page 2 – Sill Waterproofing Section to properly prepare the sill pan. Create a water drainage system using verified sealants compatible with all substrates and minimum tensile Strengths If applicable as shown in the picture below. This drainage path allows any water that enters between the sill pan and the door sill to exit properly.



**THIS STEP IS CRITICAL TO PROPER WATER MANAGEMENT AND LONG-TERM PERFORMANCE.**

## FRAME INSTALLATION

### 1. Dry Fit the Frame to the Opening



Before installing the frame, ensure the assembled frame fits properly within the opening. The frame should slide into the opening without force and should not be tight, twisted, or bowed. Check that the frame sits flush against the opening, is level, plumb, and square, and that there is adequate clearance around the perimeter for shimming and proper sealing.

### 2. Install Frame into Opening

Carefully move the frame into the rough opening. Shim the frame as needed to ensure it is plumb, level, and square. **Only install 2-4 jamb fin screws at this time to tack the frame in place. Leave the head screws out until the fixed panels have been installed.**



**IMPORTANT:** Correct any issues with the rough opening before proceeding with installation. Failure to install into square, level, and plumb openings may result in denial of warranty claims related to operational or performance issues.

### 3. Frame Level and Square Check



Once the frame is positioned in the opening, recheck that it is **level, plumb, and square**. Confirm the frame is fully supported and **shows no signs of bowing, twisting, or bending**. Make any necessary corrections before final assembly.

### 4. Apply Sealant to Jamb Nail Fin



Once the frame is level and square, apply sealant behind where the nail fin will sit to prevent water from entering through the nail holes in the flange.

# DOOR ASSEMBLY

## 1. Install the Sill Risers

Snap the vinyl sill risers securely into place at both ends of the door for the fixed panels, ensuring they are fully seated along the entire length of the sill.

**NOTE: DO NOT SECURE THE SILL RISERS AT THIS TIME.**



**ENSURE PROPER ALIGNMENT BEFORE FASTENING**

## 2. Align the sill riser with the door sill notch.

When installed correctly, the sill riser will stop short of the jamb, creating a weep hole for proper water drainage. See the image below for proper installation.



## 3. Secure Sill Risers to Sill



Secure the sill risers to the sill using #6 x 1-1/4" Phillips flat white head self-drill screws. Install screws as specified to ensure the sill riser is firmly attached and properly seated.

## 4. Astragal Installation Alignment Notice

After installing and securing the fixed panels to the sill, verify that the side designated for the astragal installation is shorter. When the panel is set onto the sill riser, the panel may temporarily overhang the riser, creating a visible gap. This is normal. Once the astragal is installed, the gap will be fully concealed.



## 5. Install Fixed Jamb Snubbers

Install two 30" fixed jamb snubbers on each fixed panel side jamb of the door frame, spacing them apart. Secure each snubber with #6 x 1-1/4" Phillips flat-head white self-drilling screws, ensuring they are properly seated.



**IMPORTANT!** Only for OceanView Impact Doors, install a 15" aluminum fixed snubber at the head, aligned with the center of each fixed panel, in addition to the jamb snubbers. This is required for proper impact performance.



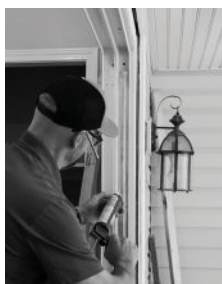
## 6. Install Fixed Panel L-Brackets



Tap one Fixed Panel L-bracket into the top and one L-bracket into the bottom of the fixed panel, ensuring each bracket is fully seated.

**NOTE: Trim the corners of the fixed door panels if required.**

## 7. Apply Sealant to Fixed Jamb Snubbers



Run a continuous bead of sealant along all four jamb snubbers as shown in the image.



**FOR OCEANVIEW DOORS:** Apply sealant against the snubbers located in the head to ensure the panels properly adheres and forms a secure seal.

## 8. Install Stationary Panels



Leave the head installation screws out to provide sufficient clearance for the stationary panels. Lift each panel into the center of the head track and guide it into the jamb. Slide each panel into its final position.



Make sure the glazing bead on the stationary panels is on the exterior of the house.

**IMPORTANT:** For OceanView impact-rated doors with head snubbers, each panel must be slid into place on top of the fixed panel riser rather than lifted into the head, as the snubbers prevent the panels from being lifted into position. Two people are required to lift and position each door panel. Use suction cups if necessary to safely handle the panels.

# DOOR ASSEMBLY

## 9. Clamp the Stationary Panels



Ensure each door panel is fully seated in the frame. Clamp each panel to the jamb at both the top and bottom to hold securely in place.

**NOTE: Verify both panels are fully engaged in the fixed jamb brackets.**

## 10. L Bracket Positioning for Astragal Threshold Installation



When installing the L brackets, position the brackets toward the sill wall, leaving clearance in front of the bracket as shown in the image in step 10. This spacing is required to allow the astragal threshold to install smoothly and seat properly.

## 11. Secure Bottom Fixed Panel L-Brackets to Sill



Secure only the bottom fixed panel L-brackets by fastening them into the sill as specified. Ensure each bracket is fully seated and properly aligned to hold the panels securely in place.

**NOTE: Use #8 x 3/4" Flat Head screws.**

## 12. Checking Head and Reveal



Measure the reveal from the head to the edge of each stationary panel at both ends and at the center to confirm the panels are flat, level, and properly aligned. This measurement should be approximately 3.5" from the frame to the visible glass at the head and both jambs.

## 13. Secure Top Fixed Panel L-Brackets to Head



Once the fixed panel head reveal has been checked and confirmed to be even and flat, secure the top fixed panel L-brackets to the head.

## 14. Fasten Frame Jambs to the Rough Opening



Once the frame has been verified as level, plumb, and square, securely fasten the door frame jambs to the rough opening using manufacturer-specified fasteners. Install all remaining fasteners into the nailing fin while ensuring the door remains square, level, and plumb. Hold the door frame firmly against the interior stop during fastening.

**IMPORTANT: Do not over-tighten fasteners. Recheck the frame for level, plumb, and square throughout the fastening process and adjust as necessary.**

## 15. Fasten Head to Rough Opening



Once both panels are installed and leveled, secure the head to the rough opening as specified.

**NOTE: Ensure squareness is maintained.**

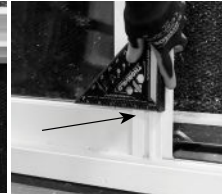
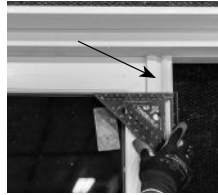
## 16. Install Fixed Interlock



Slide the fixed interlock onto the end of the stationary panel that does not include the astragal. Using a mallet, gently tap the interlock into place until it is fully seated. Trim the weatherstripping to match the length of the interlock. **Check the stationary door panel to ensure it is level, and make any necessary adjustments before proceeding.**

**Note: The interlock may need to be trimmed to fit properly.**

## 17. Locate and Pre-Drill Panel Interlock Holes



Before pre-drilling, ensure the top and bottom holes, are properly aligned with the glass pane, as shown in the diagram. Once aligned, proceed with pre-drilling the remaining holes.

## 18. Pre-Drill Panel Interlock Holes



Pre-drill holes every 12 inches in each fixed panel interlock channel, following the factory groove to ensure adequate clearance for the cover.

**NOTE: Use a 9/64" drill bit when drilling the holes.**

## 19. Secure Panel Interlocks

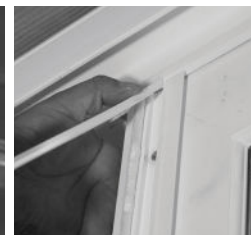
Fasten each panel interlock to the stationary door panels using the specified screws. Ensure each interlock is fully seated and securely attached.



**NOTE: Secure using a #8 x 1" pan head self-tapping screws.**

## 20. Install Frame Snap Covers

Snap the snap covers into each interlock.



**NOTE: Trim the snap covers if necessary.**

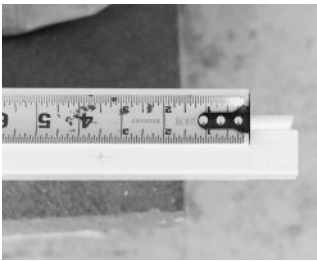
# DOOR ASSEMBLY - INSTALLING THE ASTRAGAL

## 21. Installing the Astragal

Dry fit the astragal to the stationary panel before installation. If the fit is too tight or the astragal is too long, trim it as needed to ensure a proper fit. It is recommended to trim small amounts from the ends gradually to avoid removing too much material.



## 22. Mark Hole Locations



Once the astragal has been trimmed (if necessary) and fits properly, remove it and mark the hole locations along the face of the astragal. Space the holes approximately every 10"-12", depending on the height of the door, to ensure consistent spacing and proper alignment. Begin the first and last hole locations 3-1/2" from the top and bottom of the door.

## 23. Predrill Mounting Holes



After marking the hole locations, predrill all holes using a 3/8" drill bit before installation. These holes will later be concealed with a cover cap for a cleaner, more finished appearance.

## 24. Position the Astragal



Once all holes have been drilled, fit the astragal back onto the end of the stationary panel. Make sure the astragal fully clears the top and bottom "L" brackets and is positioned properly before proceeding.

## 25. Predrill Into the Stationary Panel



Using a 5/32" drill bit, predrill through each hole in the astragal and into the stationary panel frame. Ensure the drill bit is in good condition, as drilling will be through steel reinforcements within the panel frame.

## 26. Level and Secure the Astragal

Before securing the astragal to the fixed panel, make sure it is level and properly aligned. Once aligned, secure the astragal using the #8 x 2" flat-head self-drilling screws.



## 27. Install Snap Covers for Finished Appearance

After installation is complete, cover all screw holes using the snap covers for a clean, finished appearance.



# DOOR ASSEMBLY

## 28. Install Sash Stop

Install the sash stop into the top and bottom of the inside jamb of the fixed panel that the sliding panel opens against. Do not install the sash stop on the fixed panel with the astragal. **Trim if necessary.**



## 29. Install Jamb Covers

Snap the jamb covers into place on each interior jamb of the patio door, ensuring they are fully seated along their entire length.



**NOTE:** Trim the jamb covers if necessary for proper fit and to clear the sash stops.

## 30. Exterior Aluminum Threshold Cover

### Installation Instructions

**Step 1: Position the Threshold Cover** Place the cover on the exterior side of the patio door sill. Ensure the sloped side faces the exterior to allow proper water drainage.

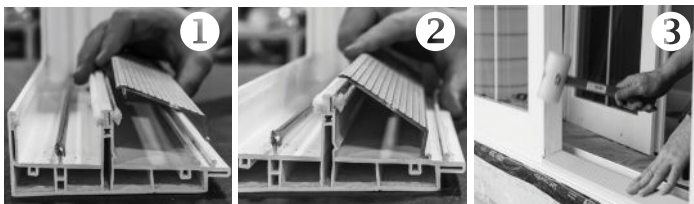
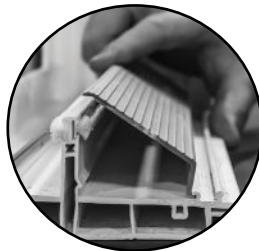
### Step 2: Insert the Bottom Edge

Insert the bottom edge of the threshold cover into the sill groove. Make sure it is properly aligned along the full length of the sill.

### Step 3: Secure the Cover

Once the bottom edge is seated, tap the top of the sill cover lightly with a rubber mallet until it snaps securely into place.

Work your way along the length of the sill to ensure the cover is fully seated.



## 31. Prepare Active Door Panels for Installation



Before installing the active panels, lay the panels flat on a protected surface to prevent damage.

Lubricate the rollers with a silicone-based spray lubricant, then fully adjust them so they are raised completely into the panel prior to installation.

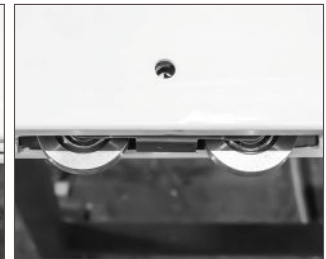


**Ensure both rollers are evenly adjusted before setting the panel into the frame.**



### Raise the rollers

Turn the adjustment screws clockwise to raise the rollers fully into the panel.



### Lower the rollers

Turn the adjustment screws counterclockwise to lower the rollers.

## 32. Install Active Door Panels

Tilt the panel toward the door opening. Lift into the head track, then lower the bottom into the appropriate sill channel. Repeat for the second operable panel.

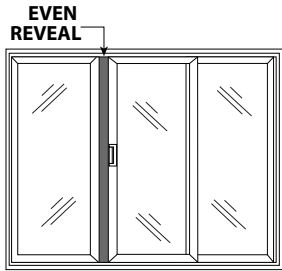


**NOTE:** Ensure the rollers at the bottom of the door panel are raised into the panel prior to installation to allow for easier placement.

# DOOR ASSEMBLY

## 33. Leveling Sliding Door

1. Slide the panel to the almost closed position. Check the reveal between the panels and the frame jamb; the gap should be even along the entire vertical edge of the panel.



2. If the reveal is uneven, adjust the panel by lowering the rollers using the adjustment screws in the two holes located on the exterior side of the panel until the reveal is uniform and the panel operates smoothly.



3. With the door panel fully lowered, adjust the rollers so that the operable panel aligns with the stationary panel(s), penetrates the sill track by at least 3/8" on both ends, and creates an even reveal.

4. Turn the adjustment screws clockwise to raise the rollers or counterclockwise to lower them. Use a handheld #3 Phillips screwdriver only to prevent damage or stripping of the hardware.

5. Verify smooth operation of the panels. Proper roller adjustment will ensure optimal performance and sealing.

6. Tap in the adjustment screw hole covers.

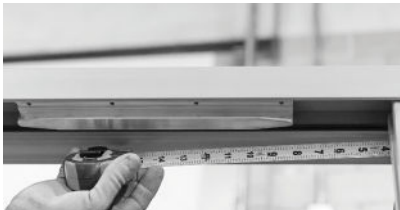


**Note:** Check the door panel against the jambs to ensure it is plumb during adjustment. As a best practice, use suction cups to safely raise and adjust the panels.

## 34. INTERLOCK BRACKET FOR OCEANVIEW IMPACT PATIO DOORS ONLY



Install one interlock bracket into the top channel of the operable track. Position the bracket 8" from the edge of the fixed panel. Once aligned, secure the bracket using the provided #8 x 1" flat head screws.



## 35. Nylon Brackets on the Operable Panel



Loosen the bottom screws and slide the top bracket upward, leaving approximately 1/8" of clearance from the top. **Do not position the nylon bracket fully up or down, as this may interfere with panel operation.** Secure the bracket using the provided nylon bracket screws in the designated screw holes.

Repeat this process for the bottom bracket by loosening the bottom screw, sliding the bracket downward, leaving approximately 1/8" of clearance from the bottom, and then installing the remaining nylon bracket screws.

## 36. Install Head Track Cover



Install the head track cover onto the exterior top track of the head. Align the cover and snap it into place. If needed, gently tap with a rubber mallet to fully seat.

## 37. Install Head and Sill Track Covers for Fixed Panel



Install the head track cover onto the interior top track of the fixed panel where the astragal is installed. Repeat this process for the sill interior track cover on the same panel.



Once positioned properly, gently tap the track covers into place using a rubber mallet until fully seated.



**NOTE:** If the track covers are too long or fit too tightly, trim them as necessary to ensure a proper fit.



# KEYED HANDLE ASSEMBLY & ASTRAGAL INSTALLATION

For handle installation, follow the instructions included in the handle kit for more details.

## 1. Install Exterior Handle and Backplate

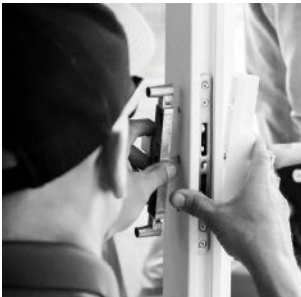
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Insert the exterior handle on the outside of the door, as shown in the image.

## 2. Exterior Handle and Backplate Installation

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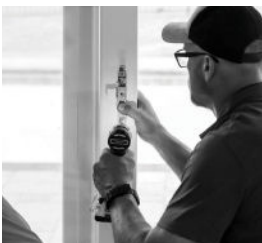
Place the backplate on the interior side of the door and insert the two screws through the backplate into the exterior handle.

**NOTE: Do not tighten the screws at this time.**



## 3. Tighten Screws

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If the alignment is correct, tighten the two screws to secure the handle assembly.

**NOTE: Do not over-tighten the screws, as this may cause the handle to bind or malfunction.**

## 4. Secure Interior Handle

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Insert the two screws through the side of the interior handle and tighten to secure it in place.

## 5. Align the Strike with the Lock

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Align the strike with the lock, mark the location on the jamb, and install the strike onto the door jamb as specified.

## 6. Strike (Keeper) Installation to the Astragal Panel

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After the location has been marked, pre-drill the top and bottom holes for the strike screws. Then secure the strike to the panel using the top and bottom screws. Once the strike is fully secured, use the adjustment screws located on the strike to make any necessary adjustments.

## 7. Test Handle and Lock Operation

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Once all steps are complete, test the handle and locking function, if applicable, to ensure proper operation.







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