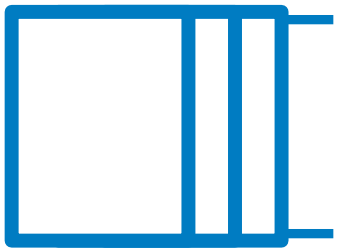
euro-wall®



MULTI SLIDE INSTALLATION GUIDE

Euro Vista Multi Slide Impact Rated

MANUFACTURING

2200 Murphy Court
North Port, Florida 34289
888.989.3876 • 941.979.5316

888.989.EURO (3876)
www.euro-wall.com

SHOWROOM

1211 Stirling Road, Unit 102,
Dania Beach, Florida 33004

Important
Before beginning the install, read the instructions in their entirety. Perform install using the recommended methods contained within this guide. Deviating from recommended install procedures could impair functionality and could void any warranty.

Caution
It is the obligation of the building owner, contractor, architect or installer to ensure that door systems being installed comply with all building codes and regulations pertaining to the install location. Euro-Wall Systems, Inc. assumes no responsibility for failure to meet applicable laws, ordinances, building codes, etc.

Description of Supplied Parts
Upon delivery please inspect for any noticeable damage and check supplied materials with included packing list. If there is any damage and / or any missing components, please contact Euro-Wall as soon as possible. For installs with multiple opening units, do not mix and match any components even if the units are the same dimensions.

Protection of Unit During Construction
It is important that during the construction phase the door system components are protected and covered in a clean dry location away from any factors that could cause damage. Door systems that are stored during the construction phase can often times be exposed to situations that can cause permanent damage such as cement splatter, tar, paint,weld spray, falling objects, construction dust, sandblasting, etc. After installation of the door system is completed and construction is still being performed, ensure that the large opening where the door system is installed does not become a major in and out access point for contractors and subcontractors. Damage done during the construction phase can be irreparable and can cause significant setbacks with new panels needing to be constructed.

Panel Protective Film
Remove all protective film from panels, frames and any other metal extrusion within 30 days of job delivery. Failure to do so could cause finish damage voiding the product warranty.

Considerations Before You Get Started
Space: Make sure you have the appropriate working space in and around the install opening. It is best practice to assemble the frame on top of saw horses (using at least four, one for each corner), therefore, make sure you have adequate room to assemble the frame in the area around the opening. Additionally, leave plenty of room without clutter to maneuver panels during install.

Power: Ideally power should be connected and accessible for tool operation and to ensure optimal lighting conditions for the install.

Moving Panels: Never “walk panels” and never try to move panels with only one person. Always lift and move panels by hand or using glass suction cups using at least two people. For installs less than 8’ in height, use a minimum of two installers. For panels over 8’ tall, a team of four is recommend for the install.

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A. Tools Required

Step A.1 - Tools Checklist

Please make sure you have all of the required tools listed below before performing the install.

- ✓ Screw guns and chargers
- ✓ Extension bits Phillips #2 / #3 for tapcons
- ✓ Drill bits for steel, concrete and wood
- ✓ 3/4” drill bit
- ✓ 3/8” and 1/4” drill bits
- ✓ Hand screwdrivers (Phillips #2 and #3)
- ✓ 2.5mm allen key
- ✓ 4mm allen key
- ✓ 6mm allen key
- ✓ Rubber mallet
- ✓ SDS gun
- ✓ Laser level
- ✓ 2’, 4’ and 6’ levels
- ✓ Pencil
- ✓ Chalk line
- ✓ String line (for measuring square)
- ✓ File
- ✓ Pliers
- ✓ Channel locks
- ✓ Snips
- ✓ Utility knife
- ✓ Saw horses (min 4)
- ✓ Glass cups for moving panels (min 4)
- ✓ Shop-Vac
- ✓ Broom / dustpan
- ✓ Garbage can / garbage bags
- ✓ Copy of install guide

Step A.2 - Disposables Checklist

Please make sure you have all of the required tools listed below before performing the install.

- ✓ Tapcons (if drilling into concrete)
- ✓ Screws for installing frame into substrate
- ✓ Caulk / sealant
- ✓ Lubricant / wax
- ✓ Shims
- ✓ Backer rod
- ✓ Sill pan (width of the opening plus extra for play)
- ✓ Windex / glass cleaner
- ✓ Clean rags
- ✓ Paper towels
- ✓ Cardboard / moving blankets

Step A.3 - Labor Checklist

Please make sure you have the adequate number of installers

- ✓ For installations with panels under 8 feet, recommended minimum of 2 installers
- ✓ For installations with panels over 8 feet, recommended minimum of 4 installers

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B. Parts / Pieces Included

Below you will find a summary of the parts and pieces that are included with the door system. For a comprehensive checklist please see the packing list included with your order.

Step B.1 - Frame Checklist

- ✓ Jamb Track (2)
- ✓ Header Track (1)
- ✓ Sill Track (1) - 2 track, 3 track, 4 track or 5 track option. *See **Figure B.1** below to identify the type used for this install*
- ✓ Snap Track *See **Figure B.2***
- ✓ Header / Jamb Trim *See **Figure B.2***
- ✓ Screw caps
- ✓ Frame corner keys (8) *See **Figure B.2***
- ✓ Adjustable frame corner keys (4) *See **Figure B.2***
- ✓ Pawl catcher *See **Figure B.2***
- ✓ Condensation drain *See **Figure B.2***
- ✓ Condensation drain end caps *See **Figure B.2***
- ✓ Euro-Covers (header and sill) *See **Figure B.2***

Step B.2 - Panel Checklist

Each system comes with a number of panels allocated in the work order. Each door panel must be installed in the correct sequence, please refer to the installation drawing and panel labeling for the correct install sequence.

FIGURE B.1: SILL CONFIGURATIONS

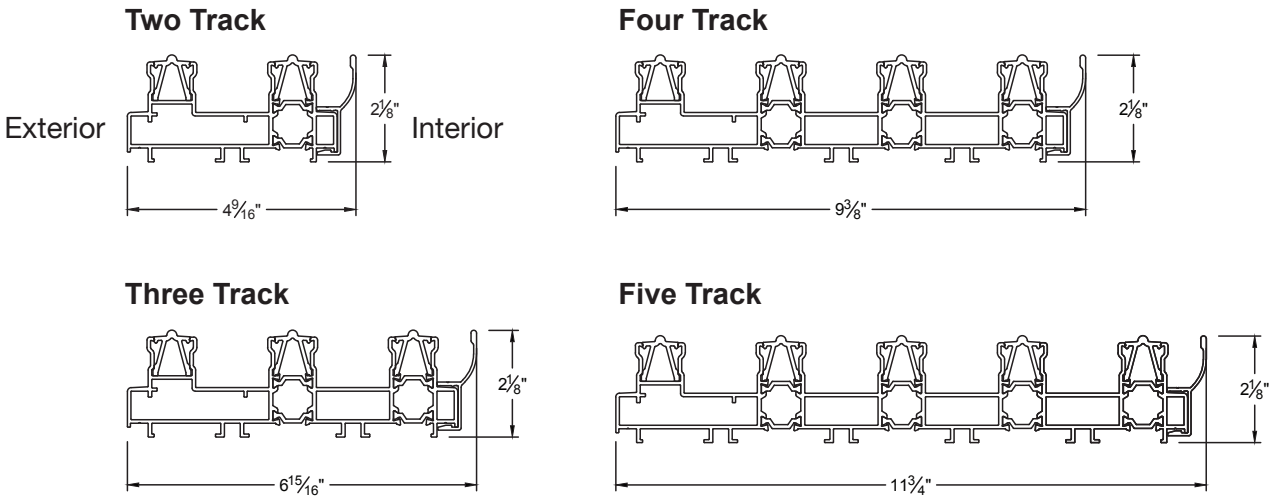

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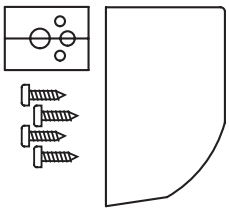
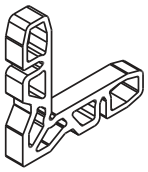
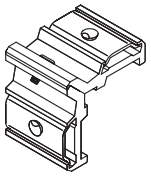
FIGURE B.2: HARDWARE CHECKLIST



Panel Bumper



Corner Key

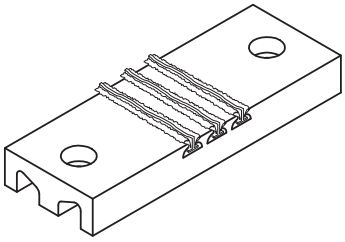


Adjustable Corner Key

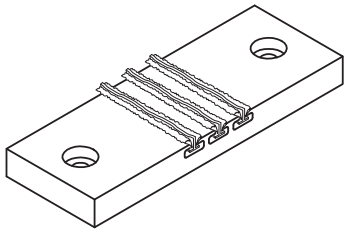
Frame Screws

Screw Used for: Sill Drain Hole Cover, Header Interlock Cover and Condensation Drain

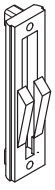
1/2” Hole Plugs



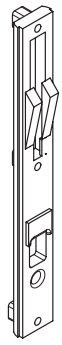
Sill Drain Hole Cover (Bottom)



Header Interlock Cover (Top)



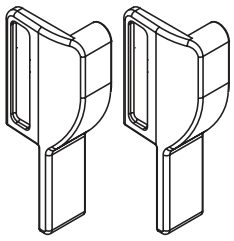
Short Pawl Catcher



Active Pawl Catcher

Header Jamb Trim

Snap Track



Condensation Drain End Caps

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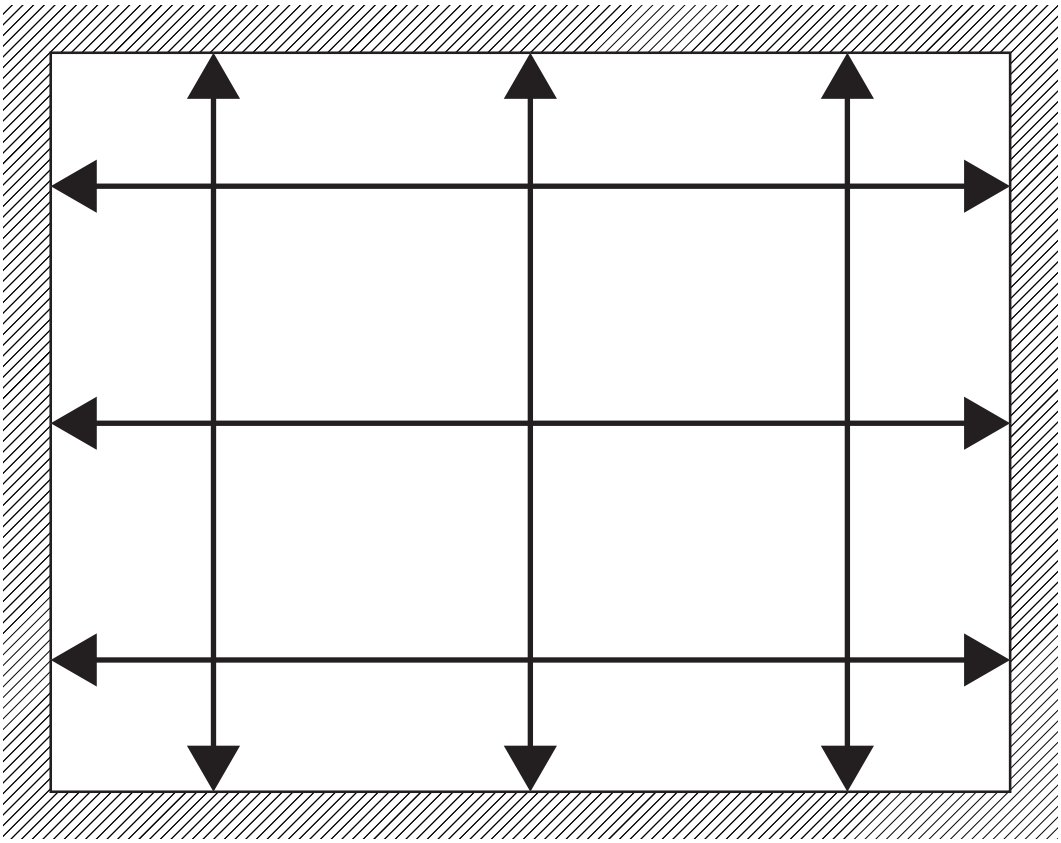
C. Opening Preparation

Step C.1 - Measure, Level, Square & Clean

- ✓ Measure opening at at least 3 points *(see **Figure C.1**)* to check for plumb, square and level of the opening
- ✓ Ensure that there is only a maximum header deflection of 3/16” or less
- ✓ Vacuum / sweep opening to be clear of dust / dirt / debris

FIGURE C.1: MEASURING THE OPENING



QR CODE: VIEW VIDEO INSTRUCTIONS ON MEASURING THE OPENING

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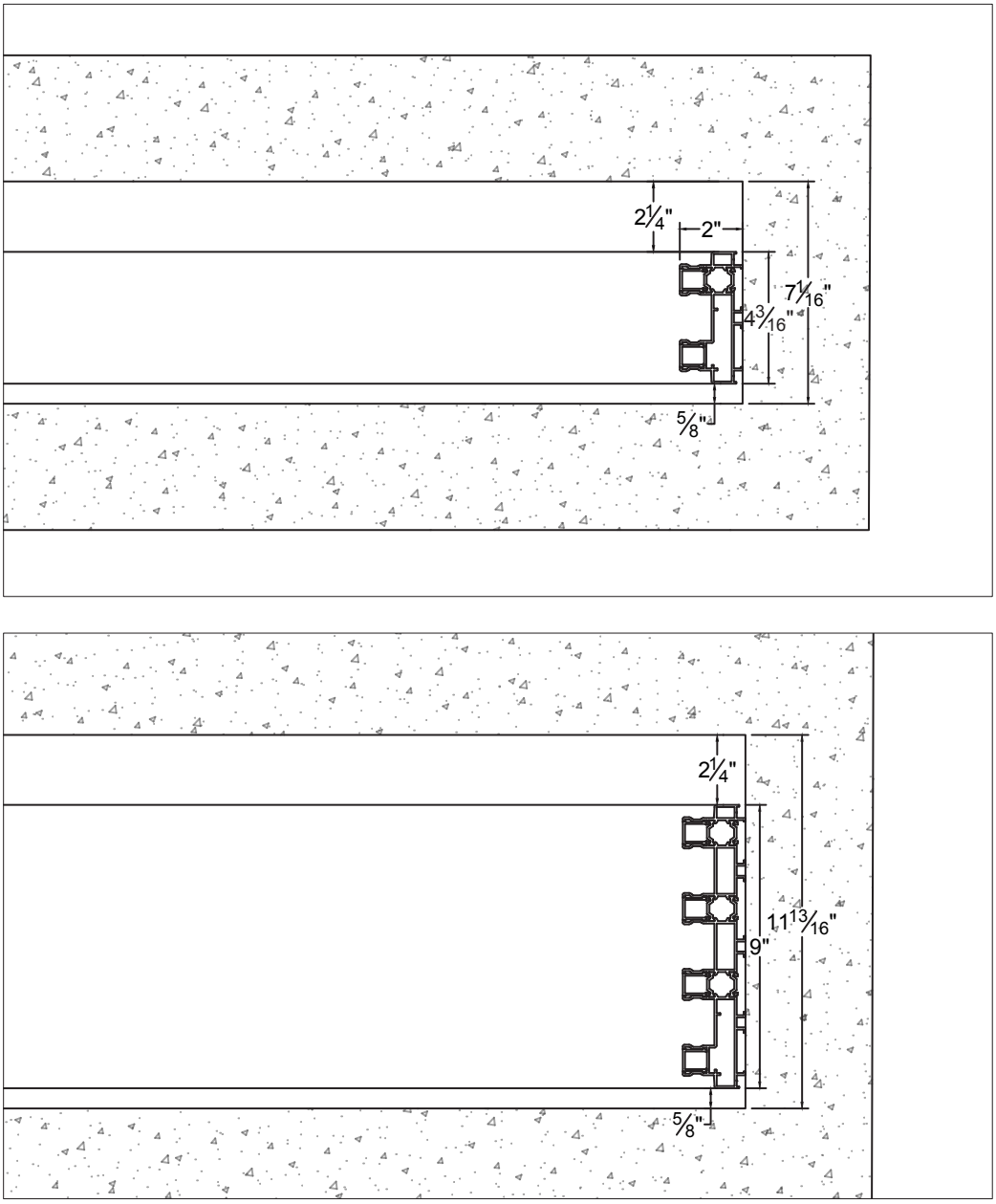
Step C.1 - Measuring for Pocket Applications

When measuring for a pocket application you need to accommodate 2 1/4” in your pocket for the multi slide interlock to pass freely into the pocket. Additionally, you need to leave a 5/8” space on the opposite track side for clearance inside the pocket *(see **Figure C.2** below).*

FIGURE C.2: MEASURING FOR POCKET APPLICATIONS



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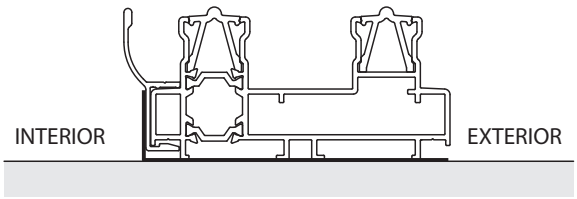
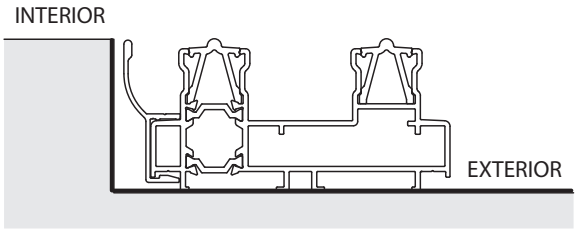
D. Embed Options **Figure D.1 - Embed Options Cross Sections**

Embed Options No Water Management

Top Mounted

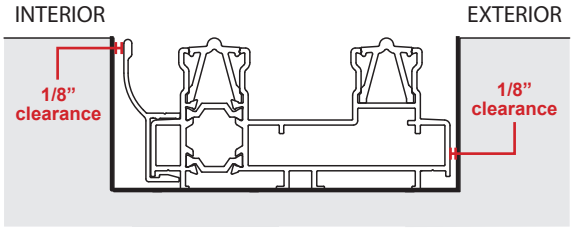


Half Embed



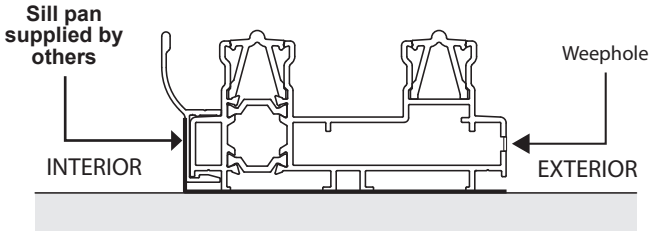
NOTE: For ANY embed situation, you must leave 1/8" clearance between the finished floor and the leading / trailing edge of the sill. Failure to do so will impede the movement of the panel.

Full Embed

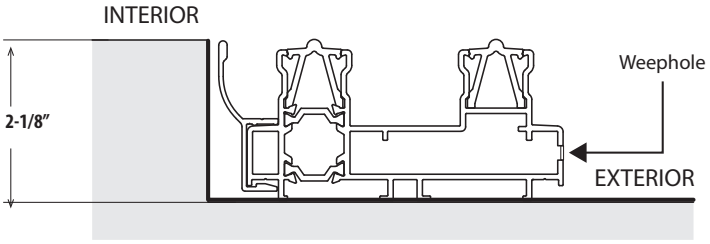


Embed Options With Water Management

Top Mounted

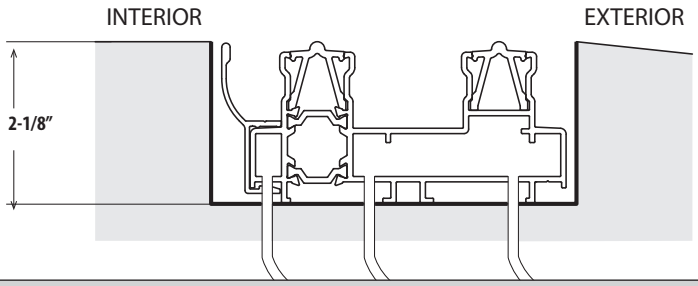


Half Embed



NOTE: Exterior slope must be 1" drop in elevation for every linear foot

Full Embed



NOTE: Euro-Wall recommends using a sill pan for all door installations.

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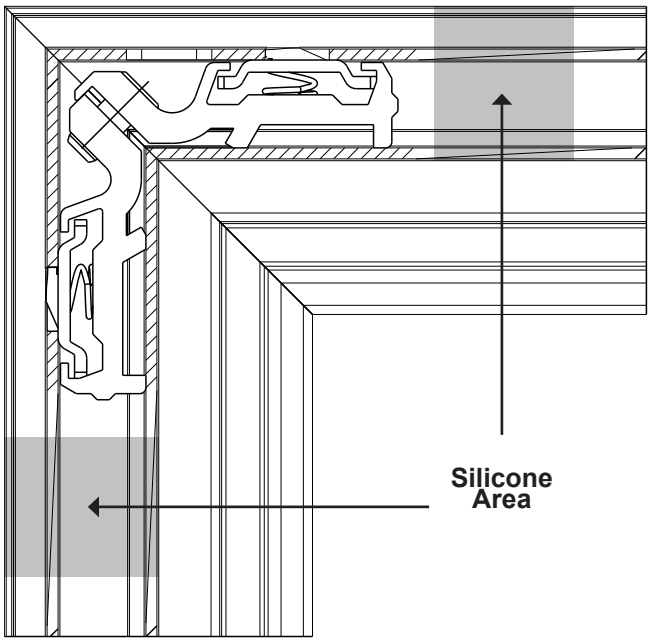
E. Frame Assembly

Step E.1 - Sealing the Frame

Fill and seal the opening of all chambers in the sill, jamb and header tracks with 100% silicone. The number of chambers will vary and will be determined by the number of tracks for your particular project. Look down each chamber verifying they are completely filled with silicone and no daylight shows through the track.



QR CODE:
SEALING THE FRAME

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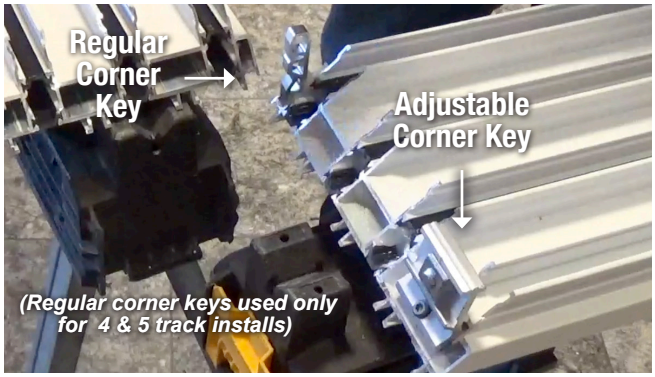
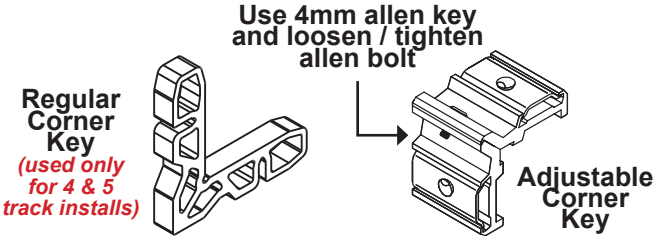
Step E.2 - Install the Frame Corner Keys and Attach the Jamb Tracks to the Sill Track



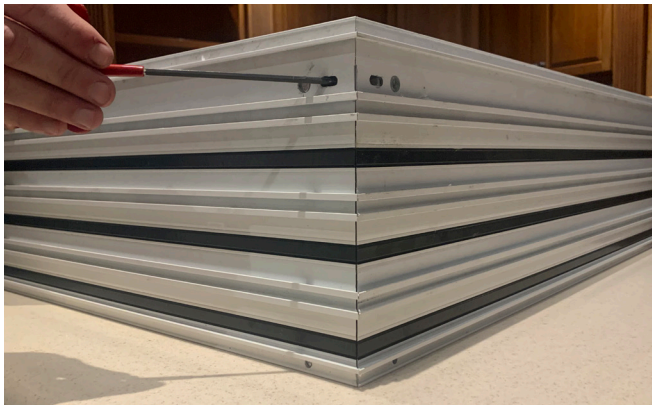
First, use a 4mm allen key and loosen the allen bolt on the adjustable corner key. This will make it easier to connect the jamb and sill tracks. Next, insert the adjustable corner key into the sill track into the largest chamber. Lastly, **for 4 or 5 track system only** insert the two corner keys on both ends of the sill track.

QR CODE: INSTALLING CORNER KEYS



Make sure all of the chambers in the jamb track are sealed with silicon (reference step E.1) and connect the jamb track by sliding it over top of the sill track's corner key(s). Repeat process for both jambs.

QR CODE: INSTALLING JAMB TRACK INTO SILL TRACK



Use a 4mm allen key to tighten the adjustable corner keys on both sides of the frame. Seal the corner joint holes with 100% silicone

Secure the four corner keys on each side of the frame with screws

QR CODE: SECURING CORNER KEYS

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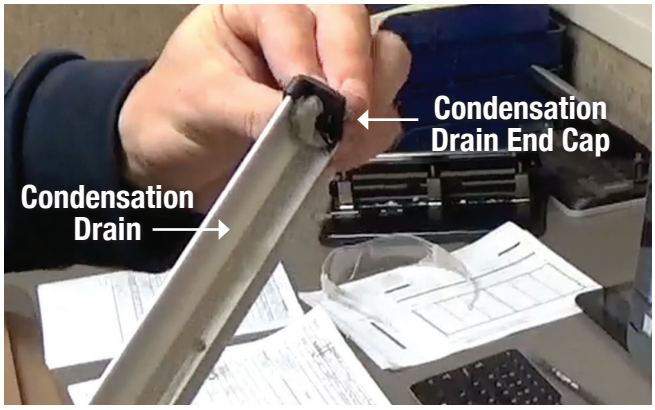
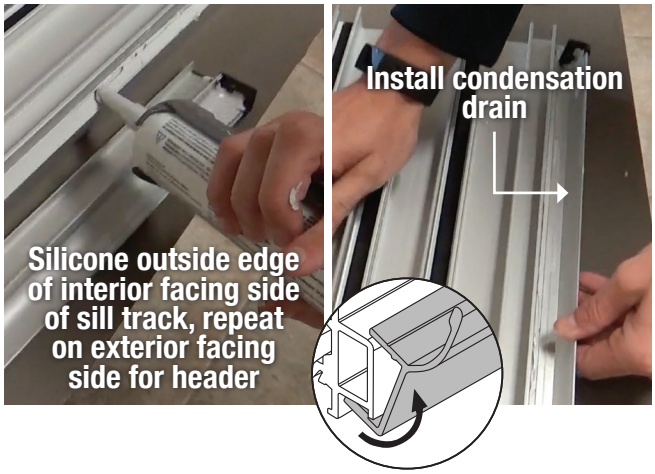
Step E.3 - Install the Condensation Drain



Place a bead of 100% silicone along the inside edges of the condensation drain end caps. Snap in place on both ends of the sill and header condensation drains. Smooth excess silicone where the condensation drain cap and the condensation drain meet creating a water tight seal.



Place a bead of 100% silicone along the outside flat edge of the interior facing side of the sill track and outside flat edge of the exterior facing side of the header track. The condensation drain then snaps to the **interior facing side of the sill track** and on the **exterior facing side of the header track**. After snapped into place, run a bead of 100% silicone across the condensation drain and sill / header track seam. Next, pre-drill every 2 feet along the condensation drain and use self tapping screws to anchor into position.

QR CODE: INSTALL CONDENSATION DRAIN

F. Dry Fit Frame

Step F.1 - Fit and Tack Frame into Place

Make sure opening is clean and clear of dirt / debris. Move frame into opening verifying opening is large enough. With the frame in position, temporarily tack into place through the jambs. All anchor screw locations on the frame come pre-drilled.

QR CODE: DRY FIT FRAME PROCESS

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Step F.2 - Level & Plumb Frame

Check sill for level and plumb, shim where necessary. There should be no more than 1/16" sill sag at the center span of the sill. There should be no bow in the sill at any location.

Level and shim as necessary

Step F.3 - Pre-Drill Opening Substrate

Once the frame is shimmed and leveled, prepare the substrate by drilling through all frame anchor screw locations into the opening substrate where necessary. The type of drill bit used will vary depending on the substrate. Remove frame and vacuum / sweep clean debris.

Pre-drill substrate at all anchor screw locations

G. Install the Frame

Step G.1 - Sealing Sill Track Opening

Make sure opening is clean of all dirt and debris. Seal sill track opening location with DOW 795 or 100% silicone. Place frame into opening and embed entire sill track into the sealant.

QR CODE:
SEALING THE SILL OPENING

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NOTE: All frame anchor screw locations are pre-drilled

Step G.2 - Securing the Sill Track

Position frame so that the jamb is plumb and level with adequate space for shimming and then tack into place with screws. Repeat for the second jamb. Proceed to securing the sill track. Level the sill track placing shims at least at every other pre-drilled anchor screw location and anywhere else shimming is needed. **Make sure to use hex head anchor screws only when securing the sill.** Dip screws in silicone and secure sill at every anchor screw location. Ensure that the sill remains level after every anchor location is secured and adjust as necessary.

Dip all sill track screws in silicone

After sill is leveled and secured into position, silicone around the edges of the sill screw caps and place screw caps into the anchor holes.

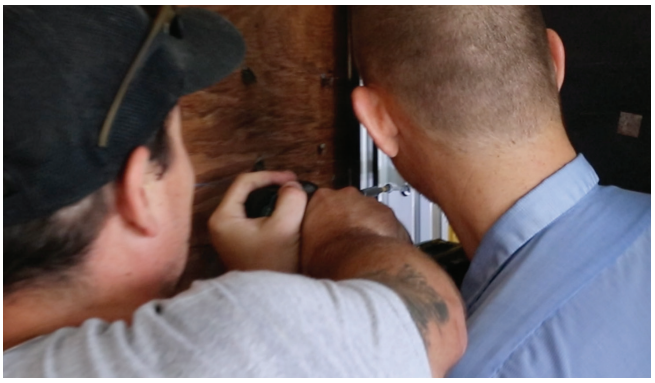
IMPORTANT! Do not let an excess amount of silicone get into anchor holes. Water needs to travel freely through the track chambers - excess silicone will cause water management to fail.

Sill screw caps

QR CODE: SECURING THE SILL TRACK

Step G.3 - Securing the Jambs Tracks

Re-check jambs for level and plumb and secure jamb into place with screws. Do not over tighten screws as this could cause the frame to bow. After screwing the jambs securely into the opening, check again for level and plumb.



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Step G.4 - Securing the Header Track

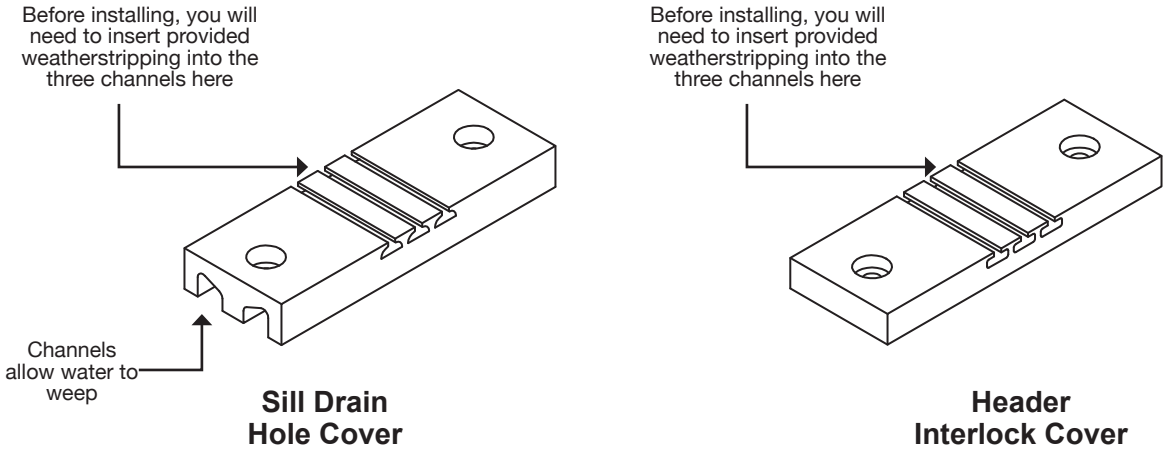
Starting at either of the jambs, shim and secure the header into place proceeding down the entire length of the header checking for level with a two foot level. Take care not to over tighten screws. After header is secured, re-verify level with a four foot level across the entire length of the header.

H. Install the Sill Drain & Interlock Cover

Step H.1 - Identifying the Two Different Euro-Drains

If water management is required for your Euro Vista Multi Slide™ installation, you will need to install the Sill Drain Hole Cover in addition to the Header Interlock Cover **at every panel interlock**. Please note that the Sill Drain Hole Cover is different than the Header Interlock Cover. *See **Figure H.1** below to identify which cover to use for the sill track and the header track concordantly. AGAIN - only install the Sill Drain Hole Cover if your install requires water management.*

FIGURE H.1: EURO-DRAIN



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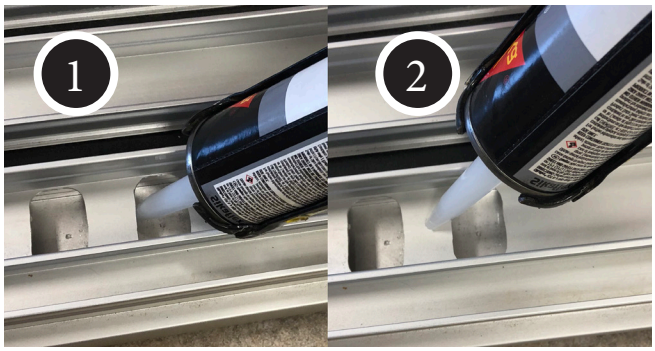
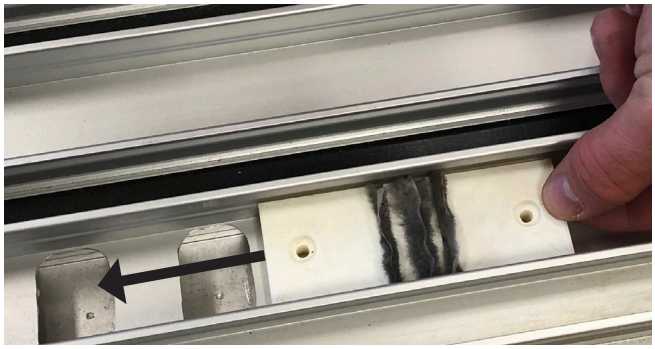
Step H.2 - Installing the Sill Drain Hole Cover



1) Locate the pre-routed drainage holes in the sill track located at every panel interlock then apply silicone in the space between both holes creating a seal. You may need to shape the silicone with your fingers in order to create the seal between the two holes.

2) Apply a silicone bed on top of the sill between the two hole locations.

Apply the supplied weatherstripping to the sill drain hole cover.



Insert the sill drain hole cover into the sill track covering routed sill holes. Sit the drain cover firmly over the silicone bed between the routed holes.

Pre-drill drain cover through the sill track and secure the drain hole cover with screws.

QR CODE: INSTALL THE SILL DRAIN COVER

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Step H.3 - Installing the Header Interlock Cover

Follow the same steps as described in H.2 for installing the Sill Drain Hole Cover minus one exception. **It is not necessary to apply silicone between the header cavity holes as there are no cavity holes**. However, you must still apply a silicone bed for the Header Interlock Cover to sit on.

I. Install the Polyamide (Header and Sill)

Step I.1 - Install the Sill Snap Track

NOTE: It is important to note that you must not install the Snap Track until all anchor screws have been secured at all frame track locations. **NOTE: DO NOT INSTALL the Jamb Trim at this point in the installation**.

Measure and cut your Snap Track to length. Starting at either jamb side, push one end of the Snap Track into the sill track until it snaps snuggly into place. Slide the Snap Track all the way to the jamb on either side of the frame. You may now continue to push the rest of the Snap Track into the sill track by hand or with a rubber mallet.

Snap Track Profile

Step I.2 - Install the Header Trim

To install the Header Jamb Trim into the header, follow the same instructions used for installing the Snap Track listed above.

Header Trim

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J. Water Management

Step J.1 - Horizontal Weepholes

For systems that do not have sufficient overhang and require a water rating where the track is either half embedded or a top mounted **(not fully embedded)** - please follow the instructions below.

Use a 5/16” drill bit and drill through the face of all the tracks up until, **and not through**, the track that contains a panel when the door system is closed (See Figure J.1 and J.2). Drill 3 holes evenly spaced along each panel section. See Figure J.2 for drill hole schedule / location.

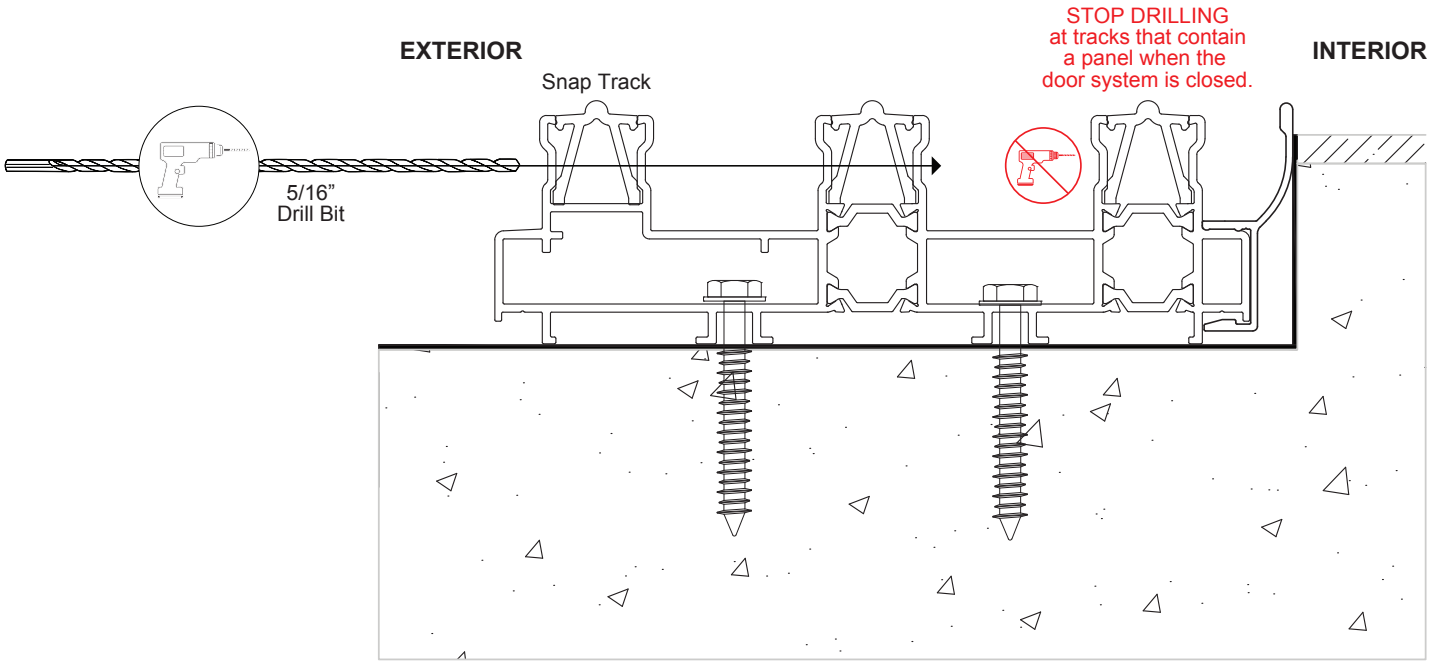

Figure J.1 - Cross Section View

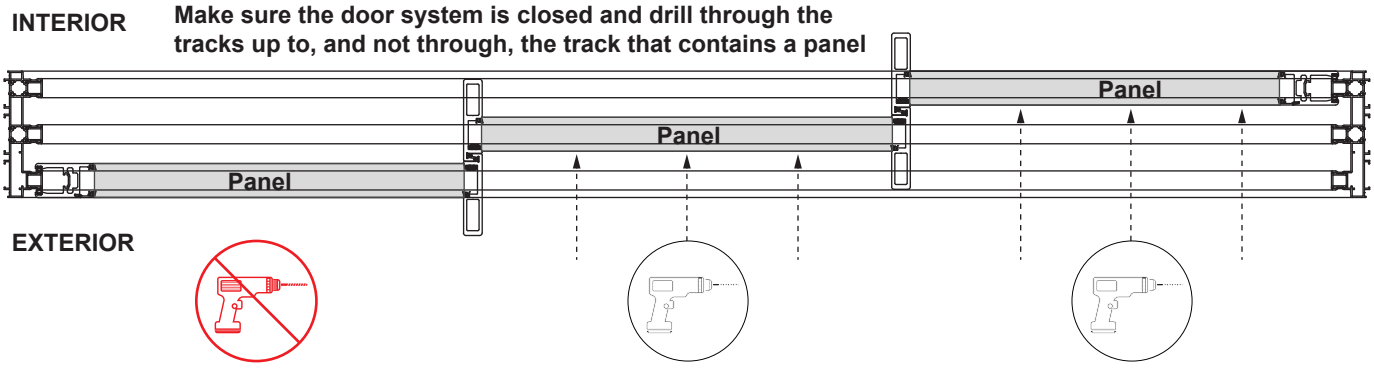

Figure J.2 - Top Down View

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Step J.2 - Vertical Weepholes

Using a 5/16” drill bit, drill 2 holes, top down, through the condensation drain and into the last track chamber (track closest to the interior side of the opening). When you feel the resistance from the drill bit free up, you have successfully drilled through the condensation drain and track and into the track chamber. Make sure to STOP drilling at this point taking care to NOT drill through the bottom of the chamber (See Figure J.3).

Drill the first hole 12” away from the jamb, and the second hole 4” away from the first hole. For drill hole schedule / location, see Figure J.4.

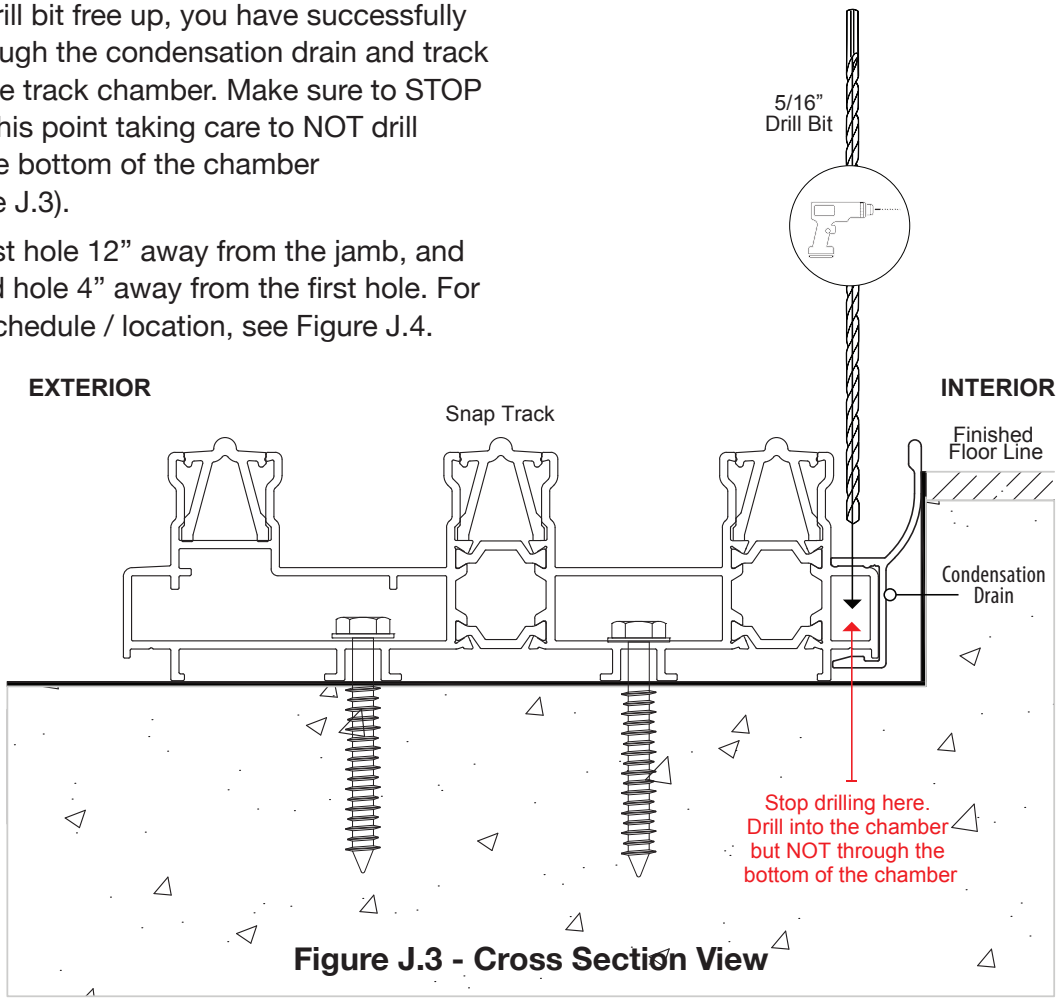

Figure J.3 - Cross Section View

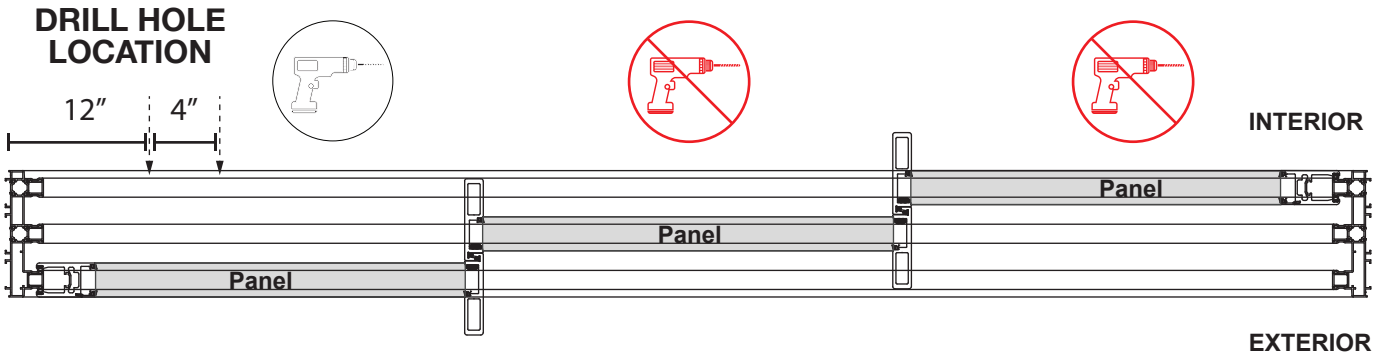

Figure J.4 - Top Down View

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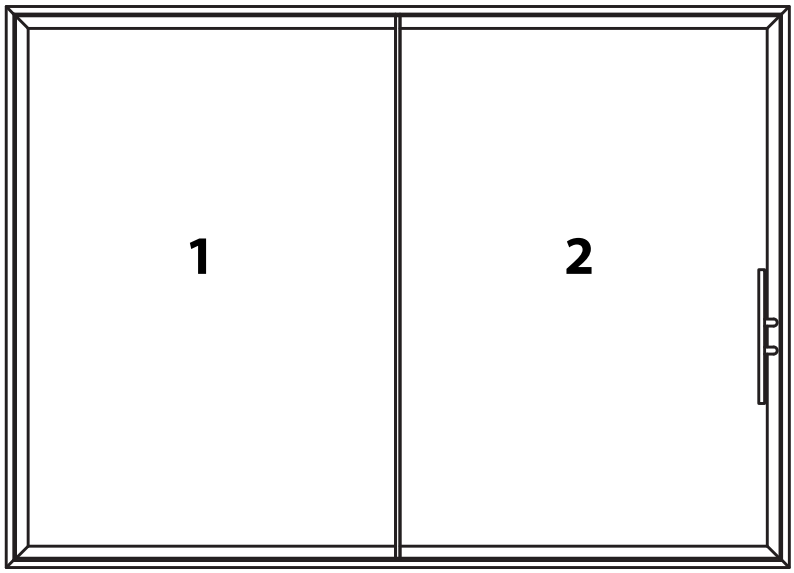
K. Install the Panels

Step K.1 - Check Panel Install Sequence

Included with the installation material will be a document that illustrates the panel install order with each panel numerically labeled.

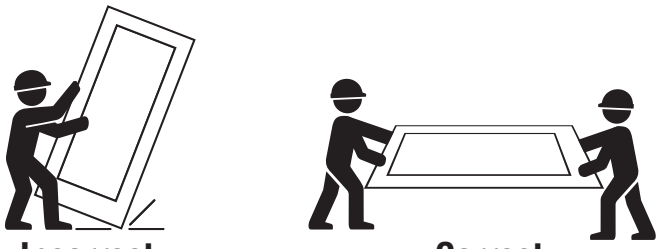


Step K.2 - Panel Installation Preparation

Before installing panels, place wood, protective foam, cardboard or other similar protectant over the sill to protect from damage during the panel installation process. Additionally, have a ladder near the panel installation for ease of installation.

Each door panel comes with its own clearly labeled box which includes all hardware for that particular panel. Locate those and set aside. Move the first panel into position for install. When moving panels, always move them with at least two people making sure to **NEVER walk the panels**. Walking panels could knock the panel out of square. Use cup suction lifters for easier mobility when moving larger panels.

QR CODE: PREPARING FOR PANEL INSTALL



QR CODE: DON'T "WALK" PANELS

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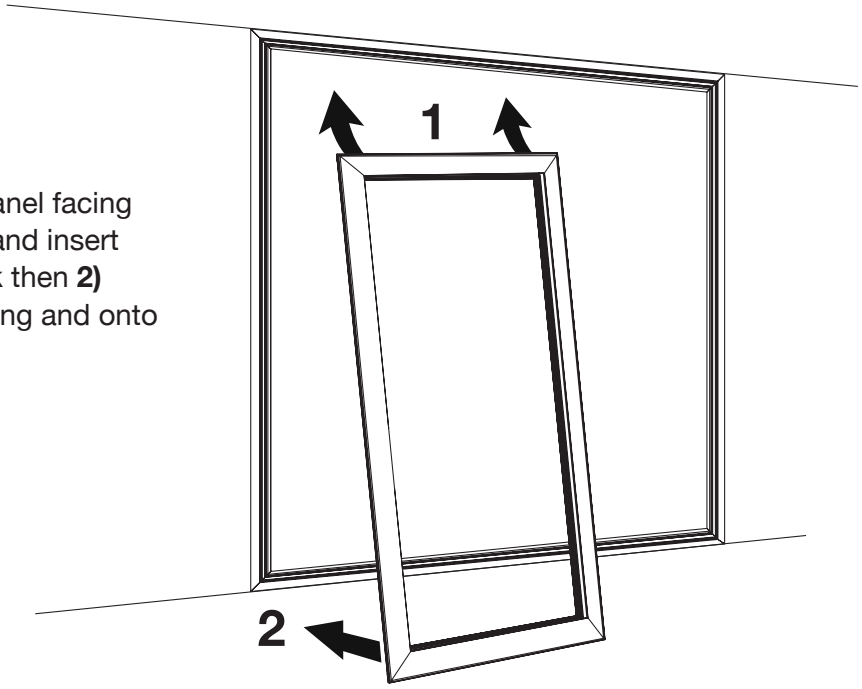
Step K.3 - Install Panels

Angle the panel with the top of the panel facing forward towards the opening. **1)** Lift and insert the header sash into the header track then **2)** swing the bottom sash into the opening and onto the bottom sill track.



QR CODE: INSTALL THE PANELS

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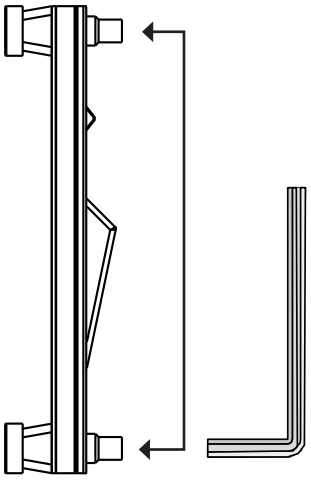
L. Install Pawls, Catches & Jamb Flat Snap Track

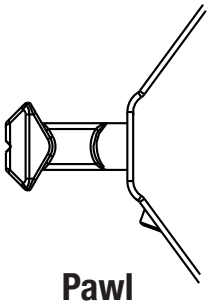
Step L.1 - Find Locations & Prepare Pawl Catches

First, locate the pawls that are pre-installed in the panel sashes. Next, locate the pawl catches located with the hardware box designated for the panel you are working on. Use a 2.5mm allen key and loosen the allen set screws on the pawl catches - preparing them for installation.



Pawl Catch

Loosen the allen set screws on the catches before installation with a 2.5mm allen key

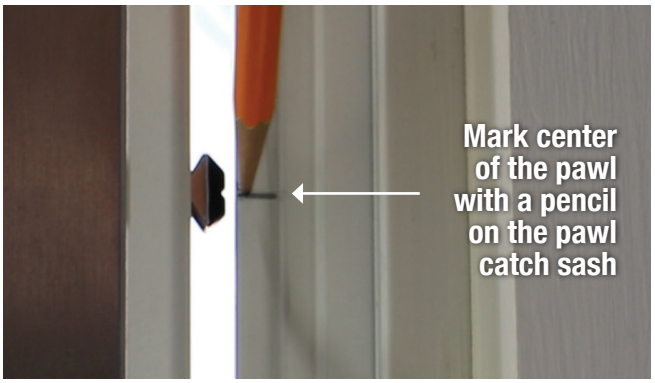


Pawl

Pawls come pre-installed in the panel sash

Step L.2 - Mark Catch Install Location

Snap the pawl catch into the jamb track. Bring the opposite panel over. Identify where the center of the pawl is in relation to the opposite panel. Mark the location on the pawl catch track with a pencil.



QR CODE: MARKING PAWL INSTALL LOCATION

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Step L.3 - Install Catcher / Adjustments

Return panels to open position. The pawl catcher has an identifying ridge denoting the install position. Raise the pawl catcher up and even with the marked location and tighten the allen set screws on the pawl catcher with a 2.5mm allen key. Slowly bring over the opposite panel and close the door. Engage the twin point lock. If the pawls do not securely engage with the catchers, **you will need to loosen the pawl set screw and rotate the pawl to lengthen or shorten the pawl reach to ensure proper closure (See figure L.3).**

When properly installed the twinpoint will engage the pawl into the pawl catcher securing the door system. Clean off your pencil mark location. **Repeat previous steps for all pawl locations.**

QR CODE:
INSTALLING THE PAWLS

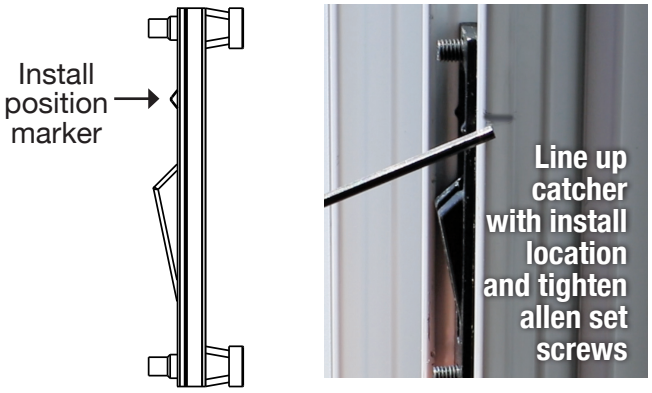
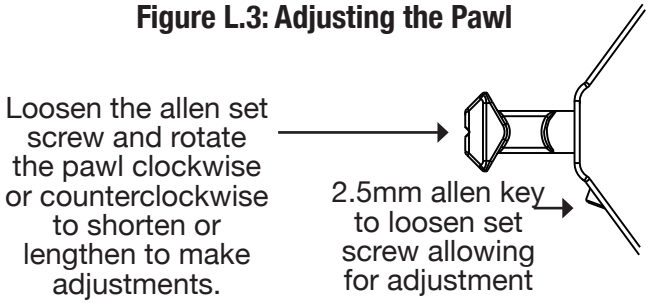
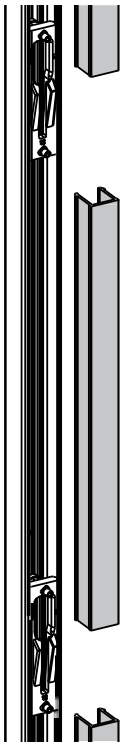


Figure L.3: Adjusting the Pawl



Step L.4 - Install Flat Snap Track

Measure the distance for each gap between the pawl catchers and cut your flat snap track to fit. Starting at one end, push into sash and snap the track into place the entire length using your hand or a rubber mallet. Repeat for each pawl catcher gap.



QR CODE: INSTALLING PAWL CATCHER TRIM PIECES

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M. Pocket Applications

Step M.1 - Methods for Pocket Installation

For pocket applications a supplied P Hook (see figure M.1) is secured to the interior of the pocket. When the first pocket side panel is parked inside of the pocket it secures and interlocks with the P Hook creating a stopping point for the door system.

There are two methods listed below to install the P Hook - use the method that is applicable for your substrate and install conditions.

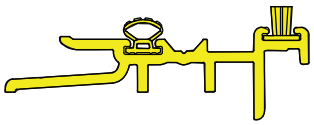

Figure M.1: P Hook - Profile View

Step M.2 - METHOD 1 Dry Fit and Mark Location

With the door system fully closed (See figure M.2) slide the P Hook behind the panel interlock and adjust until the P Hook fits snugly with the panel interlock (See figure M.3). After establishing a snug connection between the P Hook and the panel interlock mark the P Hook location.

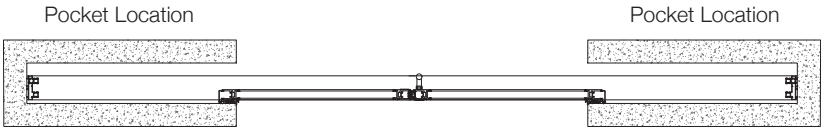

Figure M.2: Fully Close and Secure Panels

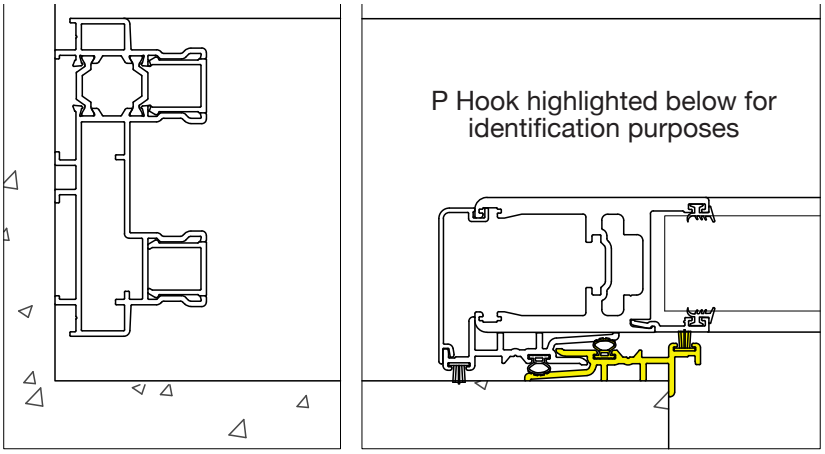

Figure M.3: Dry Fit Interlock and Mark Position

Step M.2.1 - METHOD 1 Secure P Hook

Remove P Hook, slide the panel out of the pocket, replace the P Hook to the marked position and secure at the location illustrated in Figure M.4 with flat head screws. The type and length of screw used will vary depending on the substrate and are not provided by Euro-Wall. Once the P Hook is secured, fully open the door system to check for secure pocket interlock.

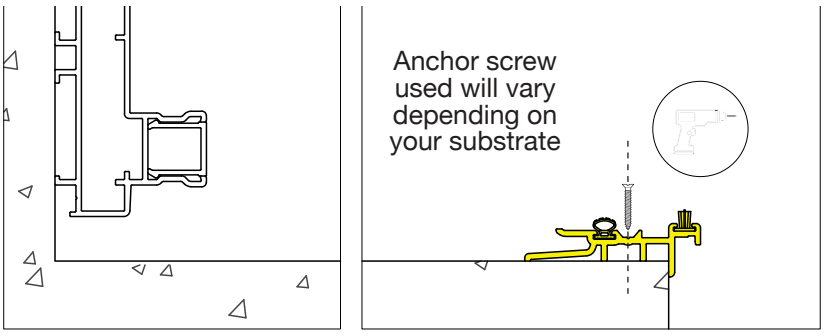

Figure M.4: Anchor / Secure P Hook

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Step M.3 - METHOD 2

Depending on your substrate condition you may need to use a supporting 4” x 2” steel L bracket that is roughly 1/4” thick and runs the full height of the opening. Secure the P Hook to the steel L bracket using an appropriate length screw at the location marked in figure M.5. Ensure the screw does not protrude through the L bracket - if it does you will need to grind flush.

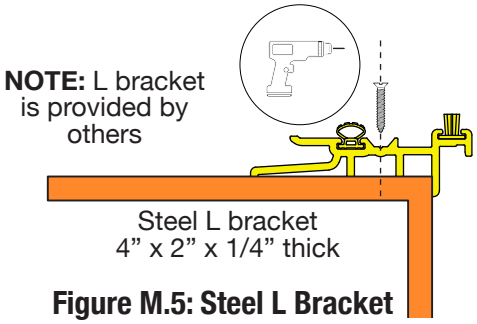


Figure M.5: Steel L Bracket

Step M.3.1 - METHOD 2
L Bracket Placement

Fully close the door system (See figure M.6)

Slide the P Hook and L bracket behind the panel interlock and adjust until the P Hook fits snugly with the panel interlock (See figure M.7).

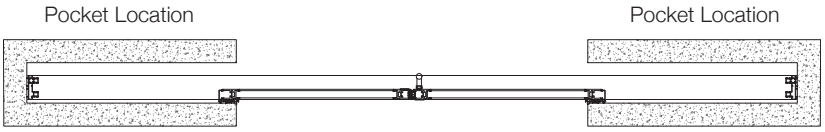


Figure M.6: Fully Close and Secure Panels

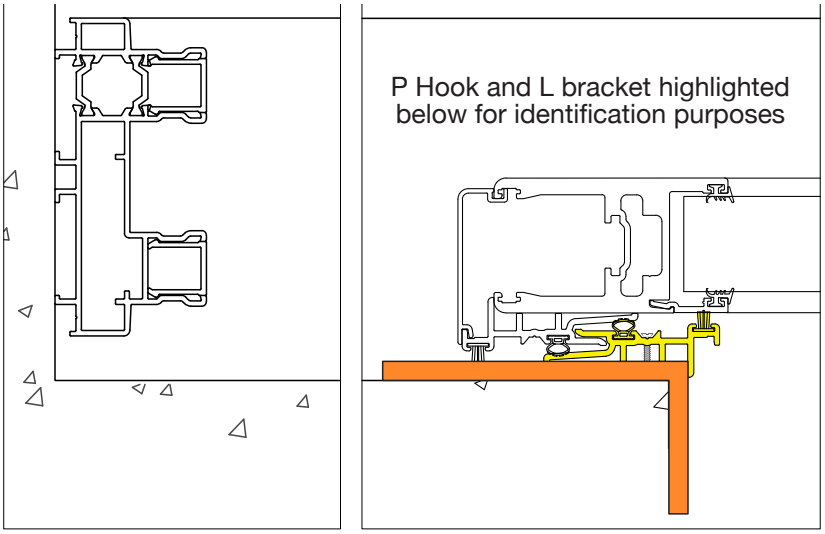


Figure M.7: Dry Fit Interlock

Step M.3.2 - METHOD 2
Secure L Bracket / P Hook

Secure the L bracket to the pocket at the marked location in Figure M.8 with flat head screws. The screw type and size used will vary depending on your substrate conditions and are not provided by Euro-Wall.

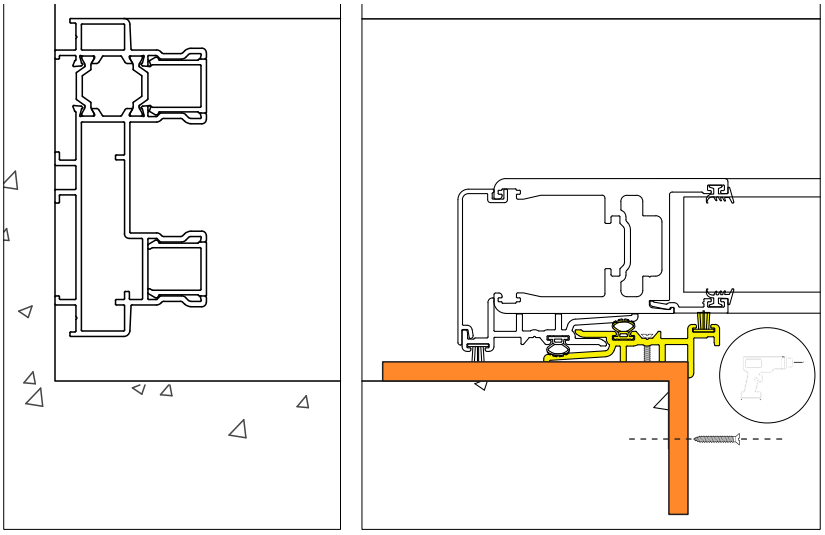


Figure M.8: Anchor / Secure P Hook - L Bracket

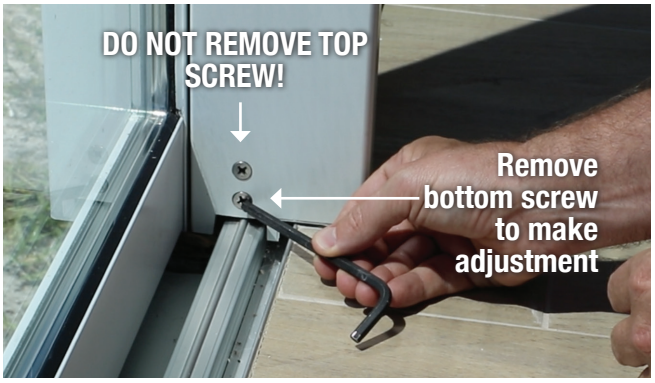
N. Adjusting the Panels

A Note About Making Adjustments

There are two adjustments that can made to panels to ensure proper closer of your system: 1) pawl adjustments and 2) roller adjustments. (See page 21, step L.3 for making pawl adjustments). The panel rollers of your door system are factory set to work precisely with your installation. Therefore, adjusting the pawls should ensure proper closure of your door system in almost every situation. **Roller adjustments should ONLY be made as a last option and is not recommended.**

Step N.1 - Making Vertical Adjustments

At the base of all interlock stiles you will see two screws. To make vertical adjustments, remove the bottom screw **ONLY. If you remove the top screw, you will cause a complete panel failure.** After the bottom screw is removed at the interlock, insert a #6 allen wrench into the screw hole and rotate clockwise or counterclockwise to raise or lower the panel.



NOTE: Each roller adjustment **ONLY** lowers or raises that end of the panel. To ensure your panel rolls smoothly and evenly in the track the opposite panel roller will need to be adjusted in the same increment as the first adjusted roller. **Additionally**, each panel in the system will need to have both rollers adjusted in the same increment to ensure the interlocks catch and grab correctly.

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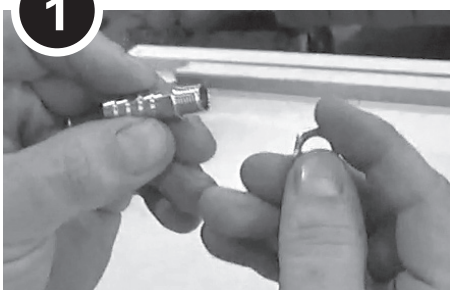
O. Optional Water Management System Installation

Required Tools

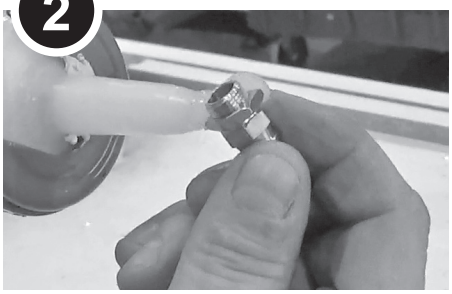
- ✓ Channel locks
- ✓ Caulk gun
- ✓ 100% silicone

1



Screw the brass hex nut onto the brass hose barb, securing tightly.

2

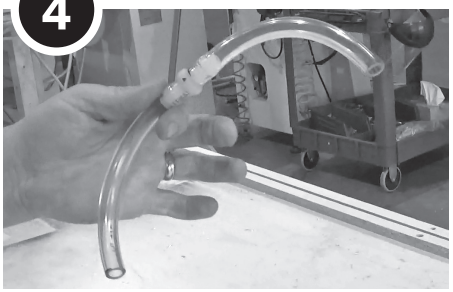


Silicone the exposed threading on the brass hose barb making sure not to obstruct the opening.

3

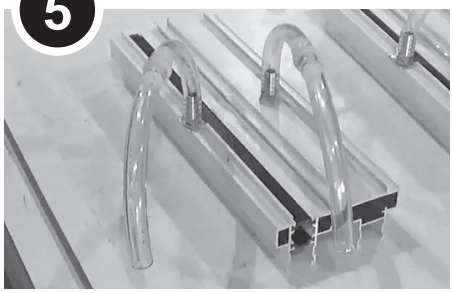
Install the brass hose barb onto the bottom side of the sill track - secure tightly with channel locks.

4



Secure the vinyl hoses onto both sides of the plastic check valve snugging all the way down the plastic nipples.

5



With the black arrow on the plastic check valve pointing **AWAY** from the sill track, snug the plastic hose onto the brass hose barb.

QR CODE: WATER MANAGEMENT INSTALLATION

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P. Maintenance & Care

Panel Protective Film

Remove all protective film from panels, frames and any other metal extrusion within 30 days of job delivery. Failure to do so could cause finish damage voiding the product warranty.

Handles and Hardware

Wipe down the visible surfaces with warm soapy water on a soft cloth and then rinse off by wiping with a clean damp cloth. Spray a thin film of light machine oil or one of the corrosion preventative sprays such as CRC Marine 66®, Innox® or CorrisionX®. Be careful to avoid overspray and be sure to wipe down any overspray that does occur.

Water Management

If your sill track comes with a Euro-Wall water management configuration, ensure that all drainage points are free and clear of debris.

Sill Track and Wheels

Wipe all contaminant clear from sill track surfaces with a damp cloth and mild detergent, dry with clean soft cloth. Using a spray machine oil or one of the corrosion preventative sprays (such as, CRC Marine 66®, Innox® or CorrosionX®) spray underneath the panels and into the wheel assembly. Operate the door across the sill track to ensure the track receives lubrication / anti corrosion spray from the wheels. Repeat as necessary until the wheels and the track is properly covered. Wipe down any overspray.

Frequency

Regular maintenance is required for all hardware, even stainless steel, to keep manufacturer's warranty in place. Failure to provide proof of maintenance will void any warranty.

Carry out maintenance procedures with the following minimum recommendations:

- General environments - every 3 months
- Marine, industrial environments, within 5 miles of a body of water and / or a pool area - every month.

NOTE: Maintenance is required to extend the life of your door system and to maintain the Euro-Wall Warranty

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