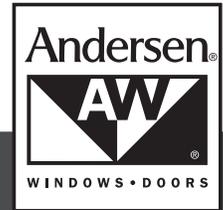


# Exterior Extension Jamb Guide

for Andersen® 400 Series Frenchwood® Hinged Patio Doors and  
400 Series Frenchwood® Hinged Patio Doors with Stormwatch® Protection  
(High-Performance™ Impact Resistant Glass)



**INSTALLER: Please leave this guide with the building owner to file for future reference.**

For ease of installation and continued enjoyment of your Andersen® product, please read and follow this Instruction Guide completely. You may direct any questions about this or other products to your local Andersen dealer, found in the Yellow Pages under "Windows", or call Andersen WindowCare® service center at 1-888-888-7020 Monday through Friday, 7 a.m. to 7 p.m. Central Time and Saturday, 8 a.m. to 4 p.m. Central Time. Assembly and installation of Andersen products is the sole responsibility of the architect, building owner, contractor and/or consumer and Andersen has no responsibility in this regard. Thank you for choosing Andersen.

## ⚠ WARNING

Use of ladders and/or scaffolding and working at elevated levels may be hazardous. Follow equipment manufacturer's instructions for safe operation. Use extreme caution when working around window and door openings. Falling from opening may result in personal injury or death.

## ⚠ WARNING

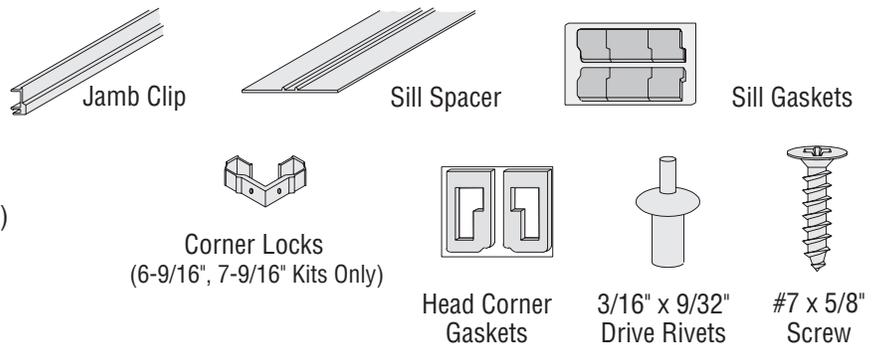
Improper use of hand or power tools could result in personal injury and/or product damage. Follow equipment manufacturer's instructions for safe operation. Always wear safety glasses.

## ⚠ WARNING

Weight of window and door unit(s) and accessories will vary. Use a reasonable number of people with sufficient strength to lift, carry, and install window and door unit(s) and accessories. Always use appropriate lifting techniques.

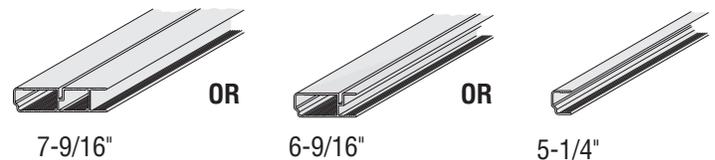
### Parts Included

- (1) Instruction Guide
- (3) Jamb Clips
- (1) Sill Spacer
- (2) Head Corner Gaskets
- (2) Sill Gaskets
- (2) Corner Locks (6-9/16" and 7-9/16" Kits Only)
- (1) Exterior Extension Cover
- (1) Sill Extension
- (6) #7 x 5/8" Screws
- (18) 3/16" x 9/32" Drive Rivets

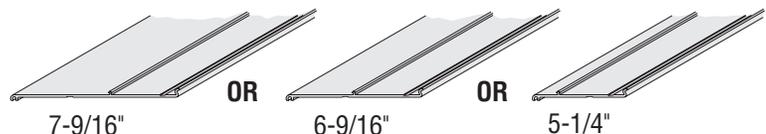


### Tools and Supplies

- Safety Glasses
- Hammer
- Stapler and 1" Staples
- Rubber Mallet
- Punch
- Mitre Saw
- Utility Knife
- Phillips Screwdriver
- Drill/Driver
- 3/16" Drill Bit
- Caulk Gun
- Sealant



Exterior Extension Covers (head, right side, left side)



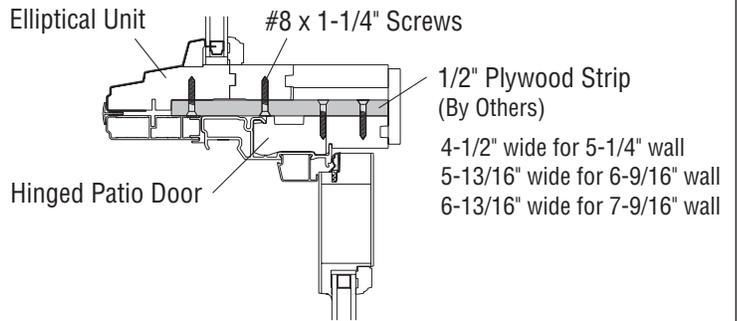
Sill Extensions

**NOTICE**

Exterior Extension Jamb must be installed on door before door is installed in rough opening. Exterior Extension Jamb cannot be installed after unit has been installed in rough opening.

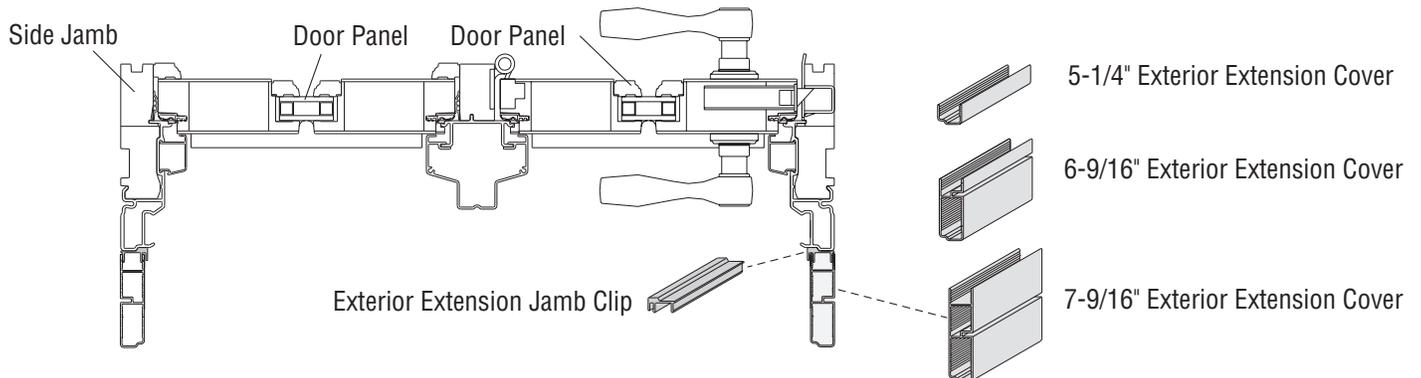
**NOTICE**

- Detail at right depicts transom joining of Elliptical Unit and Frenchwood® Hinged Patio Door using 1/2" plywood supplied by others.
- For specific instructions concerning transom joining of Casement, Awning, Flexiframe® or Circle Top™ Units to Frenchwood® Hinged Patio Doors with Double Insect Screen Track, refer to the aluminum joining instruction guide.



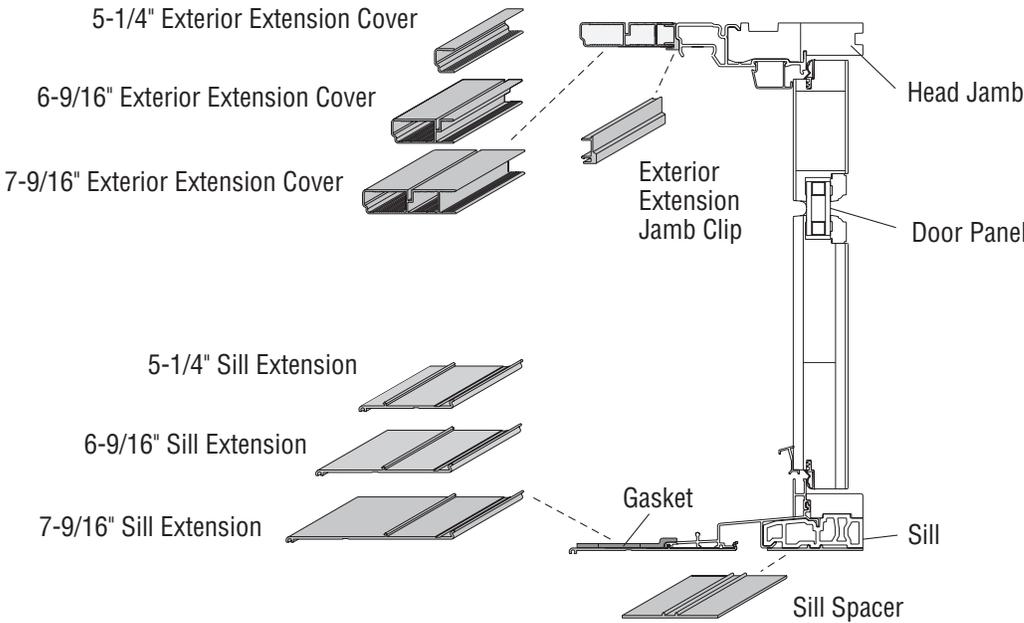
**Elliptical to Frenchwood® Hinged Patio Door**

**Installation Cross Section Details**

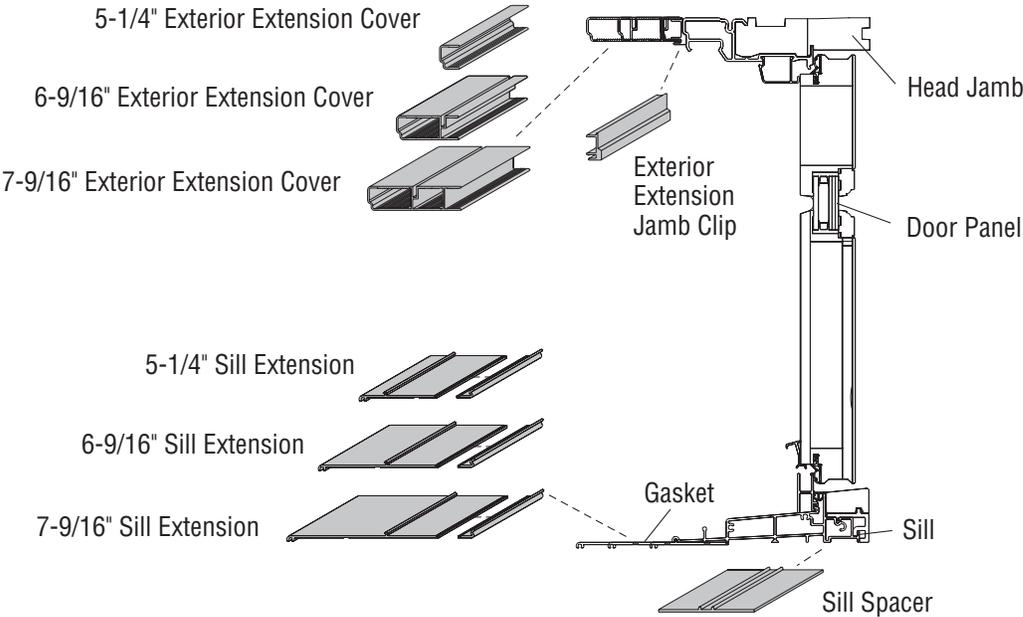


**Unit with Stormwatch® Protection and Standard Unit - Horizontal**

Installation Cross Section Details (Continued)



Standard Unit - Vertical



Unit with Stormwatch® Protection - Vertical

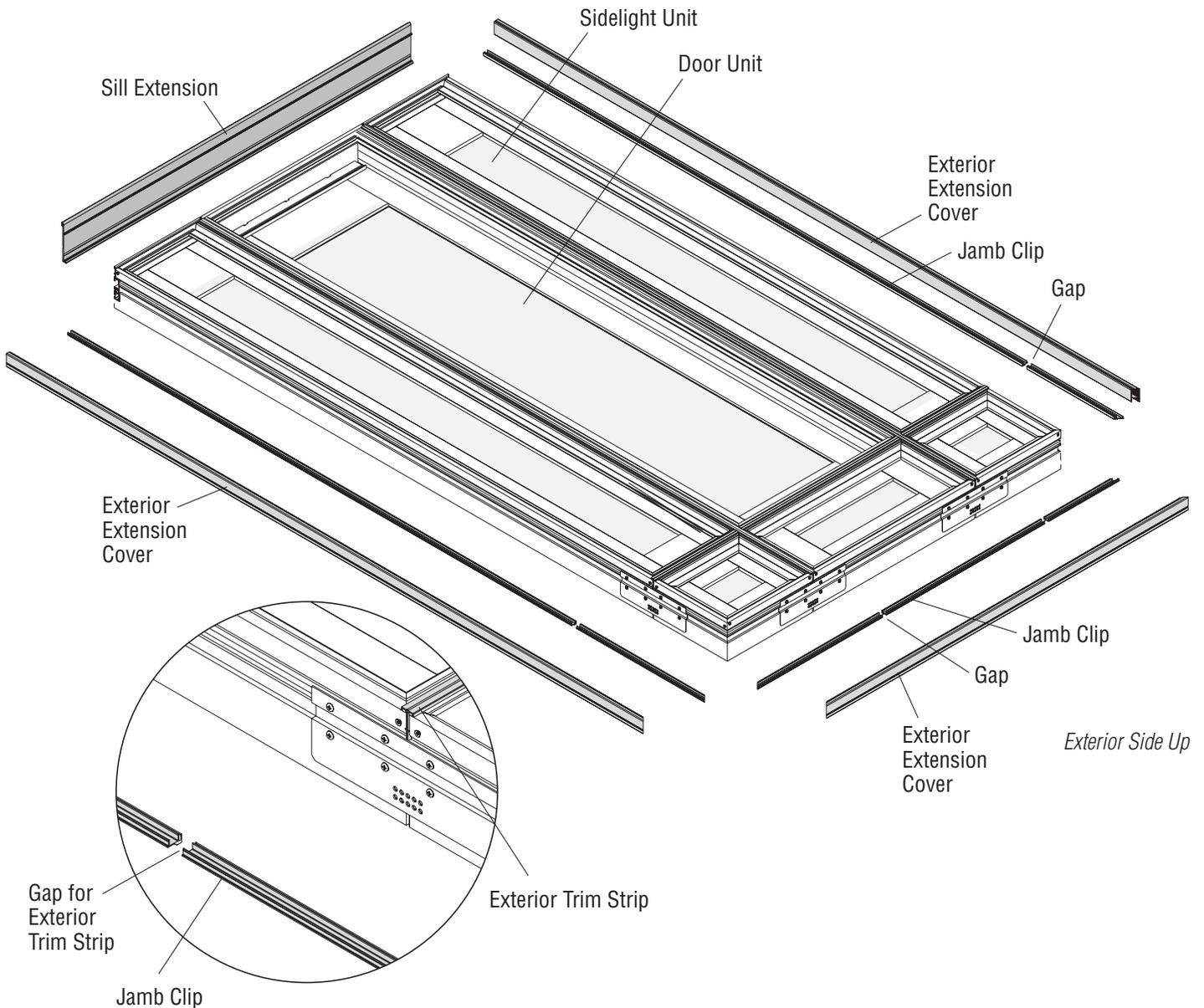
**NOTICE**

**Non-Reinforced Joined Units**

- Join Frenchwood® Patio Door products **before** applying Extension Jamb. Refer to the installation guide for Non-Reinforced Joining (Horizontal/Vertical) of Frenchwood® Hinged and Outswing Patio Doors.
- For joined assemblies, Jamb Clips must be cut and spaced on either side of Exterior Trim Strip edges.
- For joined assemblies, Exterior Extension Covers must run full length of head and sides. Sill Extension must run full length of sill edge.

**NOTICE**

Exterior Extension Jamb must be installed on door before door is installed in rough opening. Exterior Extension Jamb cannot be installed after unit has been installed in rough opening.



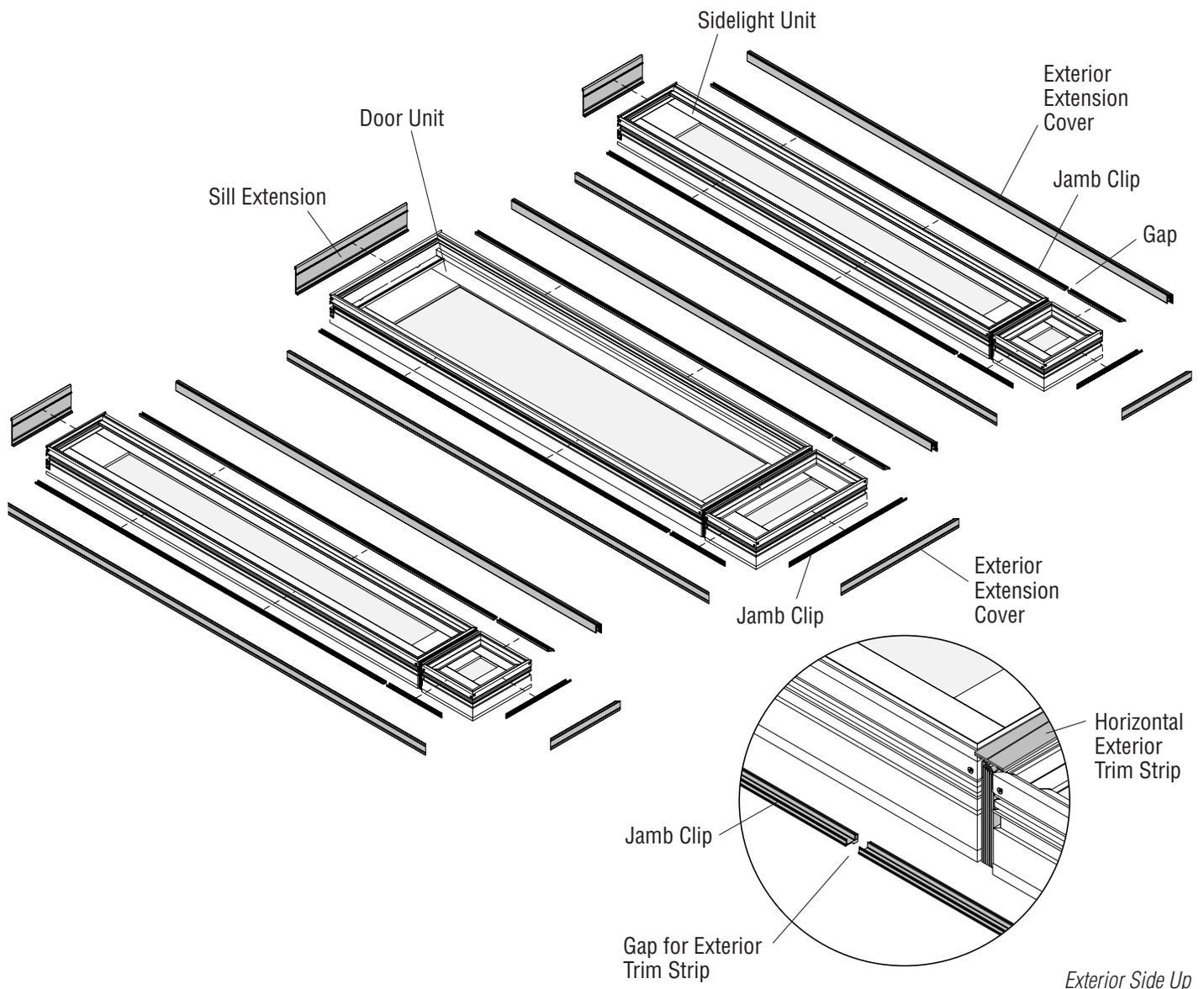
**NOTICE**

**For 3/4" LVL Joined Units**

If using a #7-9/16" Exterior Extension Jamb Kit, a 7-9/16", 3/4" LVL Joining Kit must be used.

When applying Exterior Extension Jambs to 3/4" LVL joined units, the following assembly sequence must be followed:

- First complete all Horizontal 3/4" LVL Joins, **including** application of Horizontal Exterior Trim Strips, following the installation guide for 3/4" LVL Reinforced Joining (Horizontal/Vertical) of Andersen® windows and patio doors.
- Apply an Exterior Extension Jamb Kit to each horizontally joined assembly. Jamb clips must be cut and spaced on either side of Horizontal Exterior Trim Strip edges. Apply Exterior Extension Covers full length to sides.
- Install horizontally joined units from left to right, viewed from exterior, following the installation guide for 3/4" LVL Reinforced Joining (Horizontal/Vertical) of Andersen® windows and patio doors.



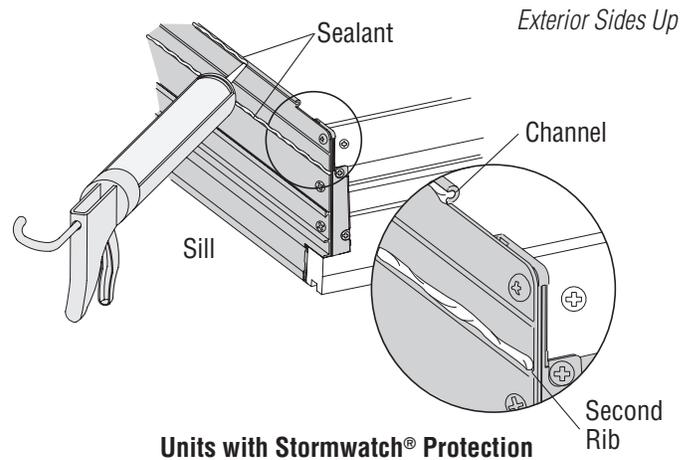
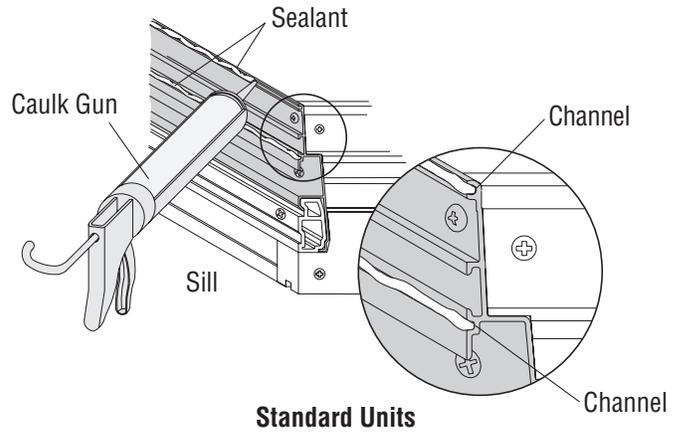
*Exterior Side Up*

## 1. Apply Sealant to Sill

### ⚠ WARNING

Weight of window and door unit(s) and accessories will vary. Use a reasonable number of people with sufficient strength to lift, carry, and install window and door unit(s) and accessories. Always use appropriate lifting techniques.

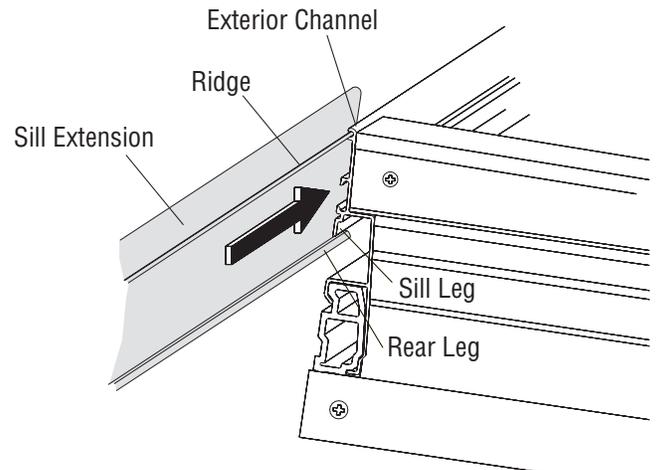
- Place door exterior side up on a clean flat work surface.
- For **Standard Units**, apply a 3/16" bead of sealant to entire length of both channels on sill.
- For **Units with Stormwatch® Protection**, apply a 3/16" bead of sealant to entire length of channel and the second rib from exterior of sill.



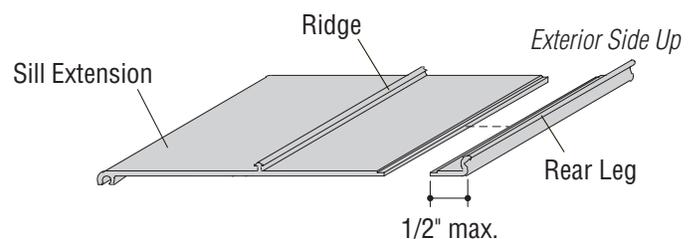
## 2. Apply Sill Extension

### Standard Units

- Insert ridge on *Sill Extension* into exterior channel and rear leg behind leg on sill. Slide onto sill until flush on both ends.
- Remove excess sealant from end of unit.



### Standard Units



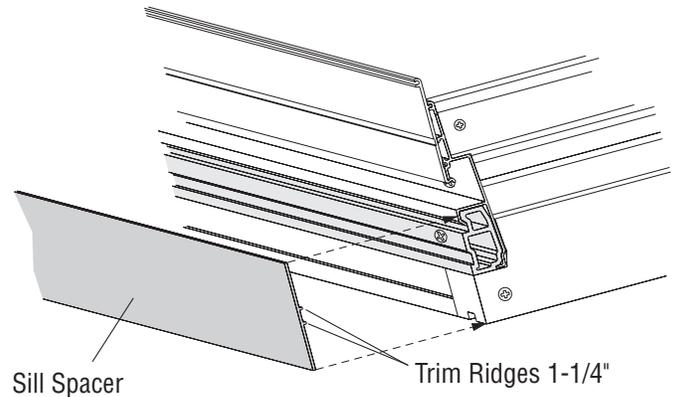
### Units with Stormwatch® Protection

- Cut 1/2" from rear leg of *Sill Extension*.
- Insert ridge on *Sill Extension* into exterior channel and rotate *Sill Extension* onto sill. Slide onto sill until flush on both ends.
- Remove excess sealant from end of unit.

### 3. Apply Sill Spacer

#### Standard Units

- Trim ridges from ends of *Sill Spacer* approximately 1-1/4".
- Position *Sill Spacer*, ridge side toward unit, and fasten to *Sill* flush with interior using 1" screws or staples.

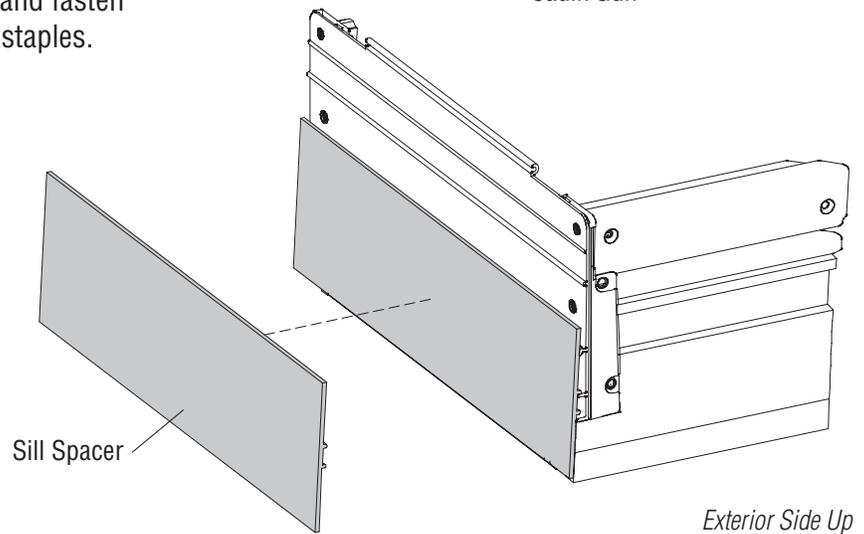
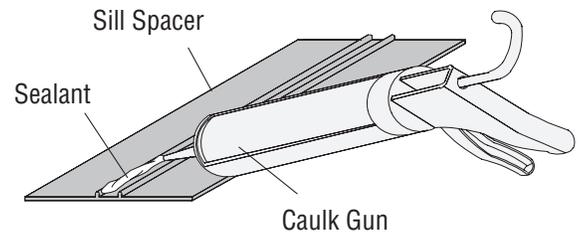


Standard Units

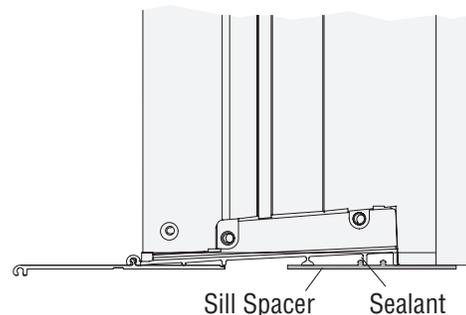
*Exterior Side Up*

#### Units with Stormwatch™ Protection

- Trim ridges from ends of *Sill Spacer* approximately 1-1/4".
- Apply 3/16" bead of sealant to entire length of inside corner of ridge on *Sill Spacer*.
- Position *Sill Spacer*, ridge side toward unit, and fasten to *Sill* flush with interior using 1" screws or staples.



Units with Stormwatch® Protection



**Cross Section Detail**  
Sill of Unit with Stormwatch® Protection

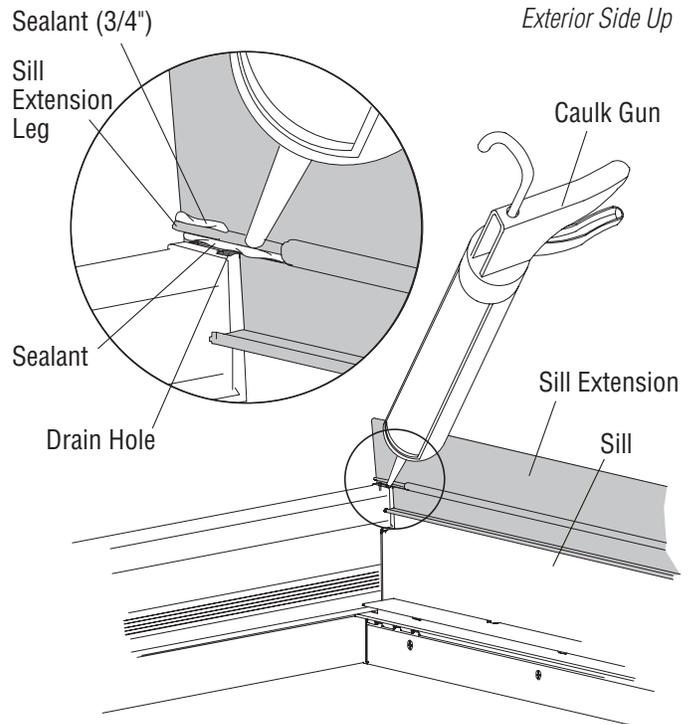
#### 4. Seal Sill Extension (Units with Stormwatch® Protection Only)

##### Units with Stormwatch® Protection

### CAUTION

**DO NOT** plug drain hole at front of Side Jamb with sealant. A plugged drain hole will prevent the unit's water management system from functioning properly.

- Apply a bead of sealant to groove between sill and *Sill Extension* at each end of sill. Fill groove to top of sill.
- Apply a bead of sealant to exterior side of *Sill Extension Leg*, extending 3/4" from each end of sill.



Units with Stormwatch® Protection Only

#### 5. Apply Gaskets

- Determine size of *Gasket* required for application.

For 5-1/4" kits, one segment.



For 6-9/16" kits, two segments.



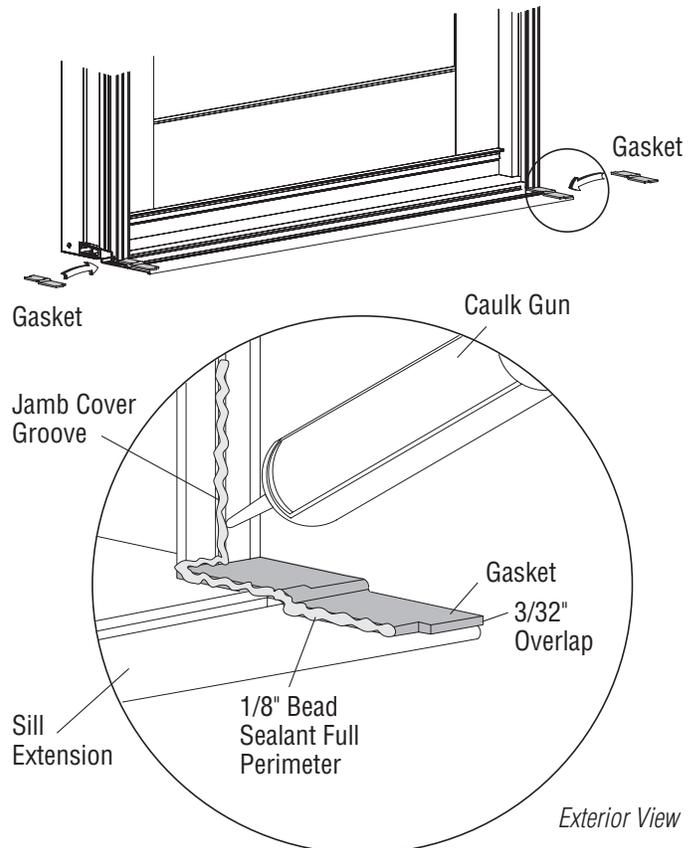
For 7-9/16" kits, three segments.



- Remove any sealant squeeze out and clean sill where sealant will be applied.
- Apply a continuous 1/8" bead of sealant, full perimeter, along jamb cover groove and along interior edge of *Gasket*.
- Remove protective backing from *Gasket*. Place *Gasket*, adhesive side down, notch against frame, on *Sill Extension* ends. Make sure 3/32" of material is overlapping outside edge of *Sill Extension*.

##### Units with Stormwatch® Protection

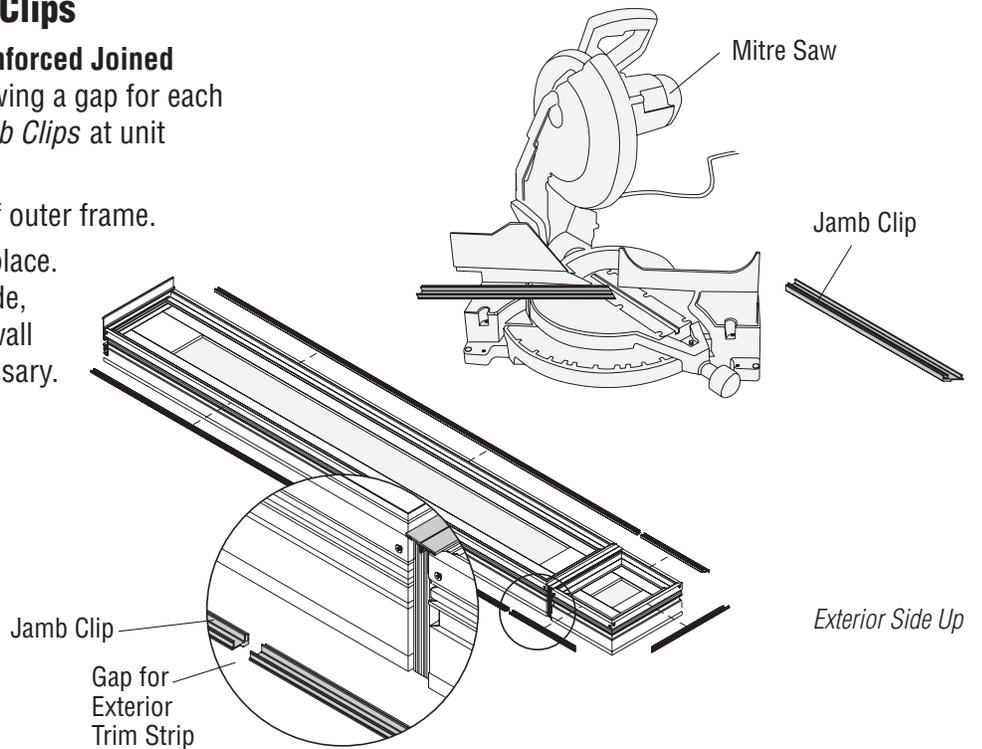
- Repeat Step 5 using a second *Gasket* segment(s). Stack second *Gasket* directly on the first.



Exterior View

## 6. Position and Secure Jamb Clips

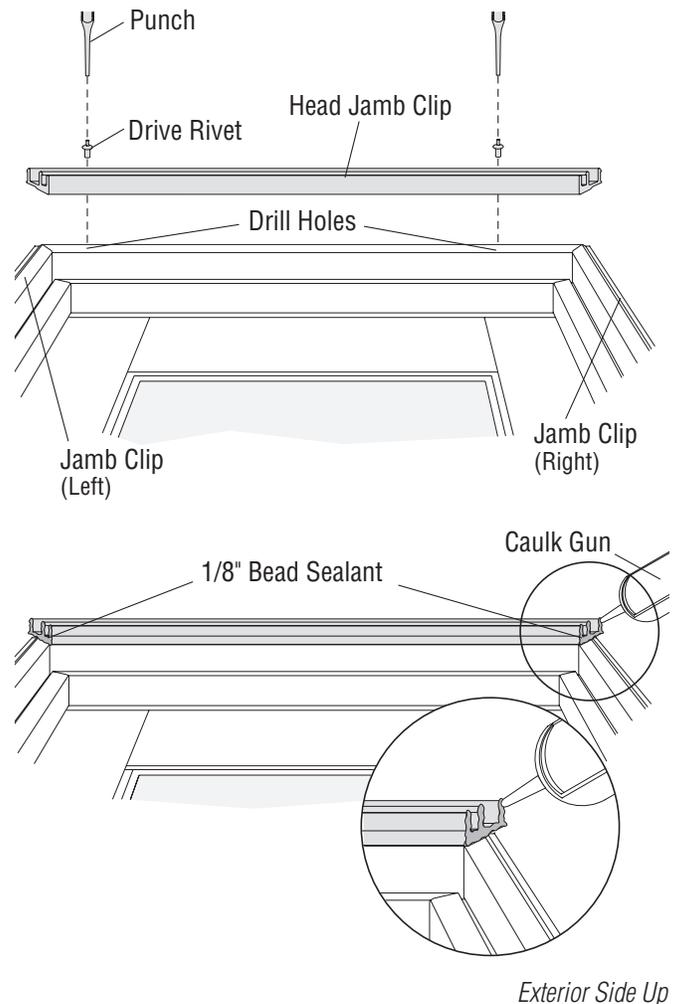
- For **3/4" LVL Joined and Non-Reinforced Joined Units**, square cut *Jamb Clips* allowing a gap for each *Exterior Trim Strip*. Mitre cut *Jamb Clips* at unit corners.
- Position *Head Jamb Clip* on top of outer frame.
- Hold *Head Jamb Clip* securely in place. Using holes in *Jamb Clip* as a guide, drill 3/16" holes through the first wall of outer frame. Add holes if necessary.



### CAUTION

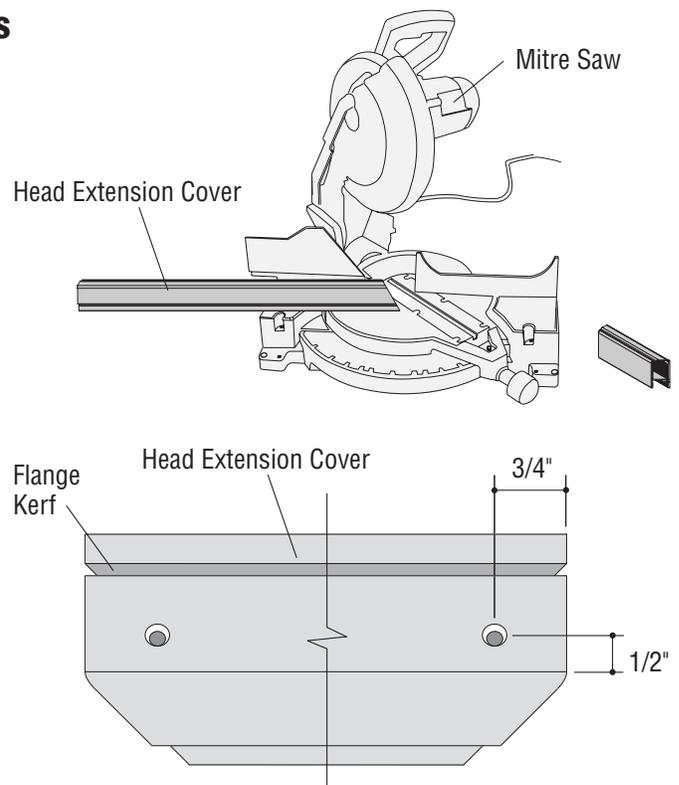
**DO NOT** drive pin through rivet when securing Drive Rivets. A weak bond with outer frame will result.

- Insert a *Drive Rivet* into each hole on the *Head Jamb Clip*. Secure *Drive Rivets* by striking the pin with a punch and hammer. Set flush with rivet head.
- Apply a continuous 1/8" bead of sealant to both mitered ends.
- Position *Side Jamb Clips* on outer frame, keeping mitered corners tight against *Head Jamb Clip*.
- Drill 3/16" holes through the first wall of outer frame, using holes in *Jamb Clip* as a guide.
- Insert a *Drive Rivet* into each hole. Secure *Drive Rivets* by striking the pin with a punch and hammer. Set flush with rivet head.



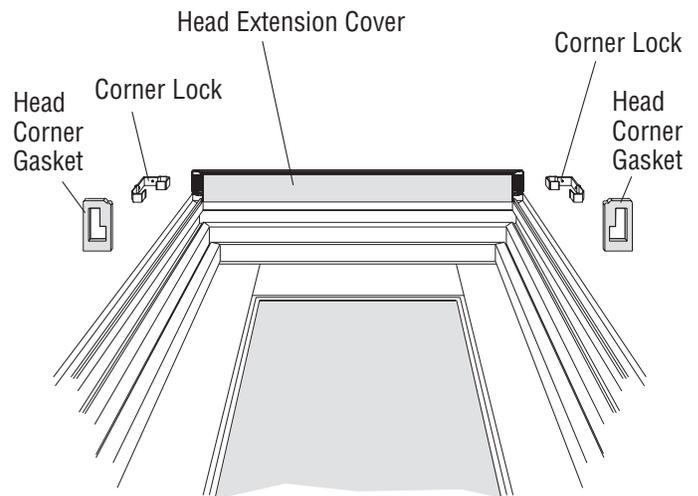
## 7. Apply Head Extension Cover and Corner Locks

- For **3/4" LVL Joined and Non-Reinforced Joined Units**, measure and cut *Head Extension Cover* to fit full length.
- Drill pilot holes, through the first wall, at each end of *Head Extension Cover* for *Corner Clip* attachment. Locate holes 1/2" from exterior edge and 3/4" from mitered corner.



- Align *Head Extension Cover* with *Head Jamb Clip* and tap full length until fully seated, using a rubber mallet.

<b>NOTICE</b>	
<ul style="list-style-type: none"> <li>• For 5-1/4" Head Extension Covers, Head Corner Gasket must be modified to prevent product damage. Cut Head Corner Gaskets in half using a utility knife and apply to 5-1/4" Head Extension Cover.</li> <li>• 5-1/4" Extension Covers do not use Corner Locks.</li> </ul>	<p>Head Corner Gasket</p> <p>Utility Knife</p>

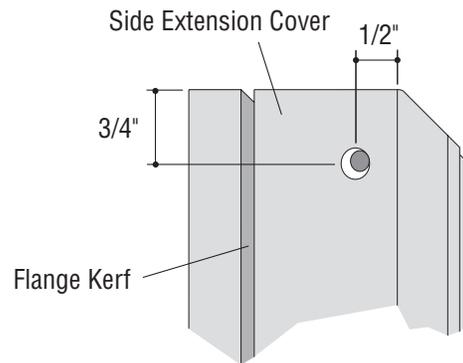
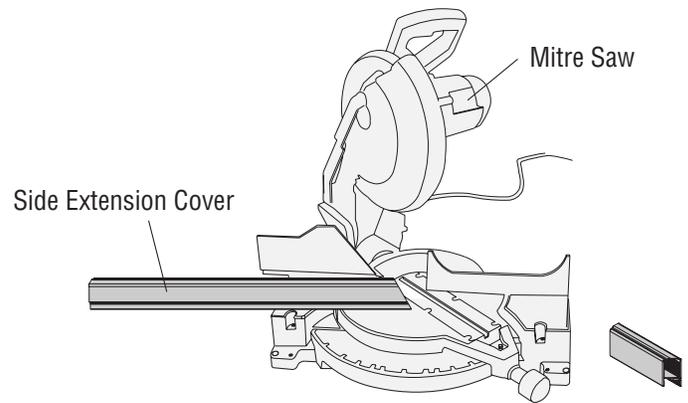


Exterior Side Up

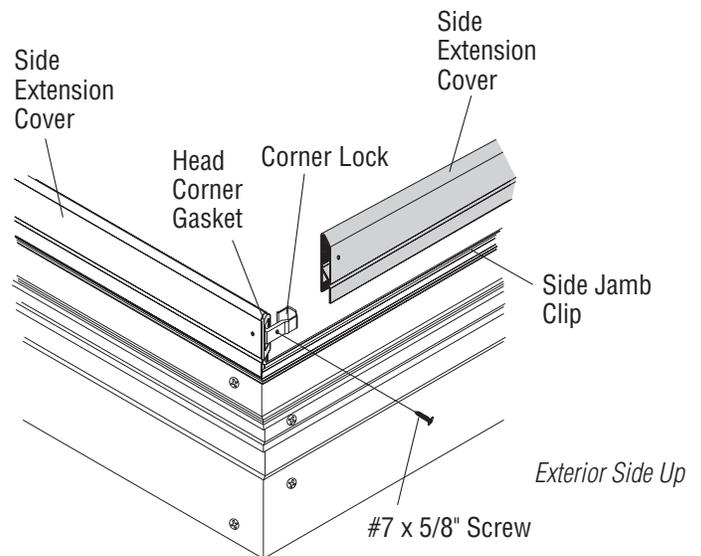
- Insert *Corner Lock* into each end of *Head Extension Cover*.
- Remove adhesive backing from *Head Corner Gasket*. Place *Head Corner Gasket* over *Corner Lock*, adhesive side first, and apply onto *Head Extension Cover*.
- Align holes in *Corner Locks* with holes in *Head Jamb Cover* and secure tightly using #7 x 5/8" screw.

## 8. Apply Side Extensions Covers

- For **3/4" LVL Joined and Non-Reinforced Joined Units**, measure and cut *Side Extension Cover* at mitered head end to fit full length of sill.
- Drill pilot holes, through the first wall, at each end of *Head Extension Cover* for *Corner Clip* attachment. Locate holes 1/2" from exterior edge and 3/4" from mitered corner.



- Position *Side Extension Covers* on *Side Jamb Clips*.
- Tap along full length of the *Side Extensions Covers* until fully seated into *Jamb Clips*, using a rubber mallet.
- Check that gap between *Side Extension Covers* and *Sill Extension Cover* is completely sealed by *Gasket*.
- Align screw holes in *Corner Locks* and *Side Extensions Covers* and secure using #7 x 5/8" screw.
- Apply clear or color matching sealant over screw holes.



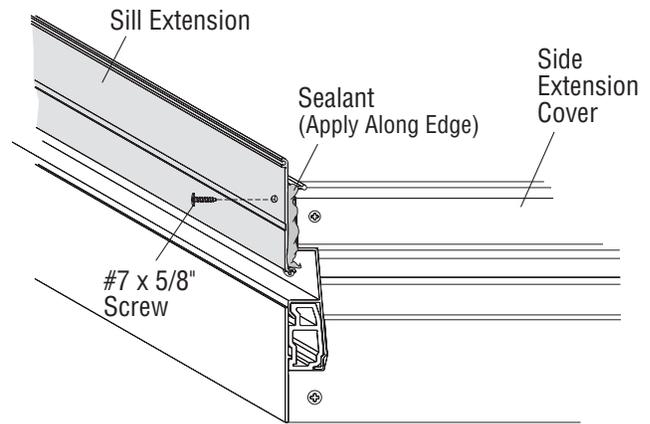
## 9. Fasten Sill to Extension Cover

- Align holes in *Sill Extension* with groove in *Side Extension Covers* and secure using #7 x 5/8" screws.
- Apply sealant to the inside edge of *Sill Extension* and *Side Extension Covers*.

### NOTICE

A Sill Support must be used whenever support is needed under projecting outer edge of sill. Sill must be supported along entire length.

- Install unit following hinged patio door installation guide.



Exterior Side Up