

# Installation Guide

## for Andersen® Wood Outswing Folding Doors with Track-In-Floor

### Thank you for choosing Andersen.

Instructions are for typical, new wood-framed wall construction with weather protection in place.

Instructions may not be right for all installations due to building design, construction materials or methods used and/or site conditions. Consult a contractor or architect for recommendations.

Flanges on the unit alone will not properly flash and seal the window or door. Follow these instructions carefully.

For questions call 1-888-888-7020 Monday - Friday, 7am to 7pm and Saturday 8am to 4pm central time.

Due to ongoing product changes, updated test results and/or industry best practices, this installation procedure may change over time. For updated installation guides and/or additional installation information, visit [andersenwindows.com/installation](http://andersenwindows.com/installation).

Contact local authorities or waste management companies for proper recycling and/or disposal of removed windows or patio doors.

**Please leave this guide with building owner.**

*Read guide from beginning to end before starting installation. Read and follow all warnings and cautions during unit installation.*

#### **⚠ WARNING**

Use caution when working at elevated heights and around unit openings. Follow manufacturers' instructions for ladders and/or scaffolding. Failure to do so may result in injury or death.

#### **⚠ WARNING**

Follow manufacturers' instructions for hand or power tools. Always wear safety glasses. Failure to do so may result in injury and/or product damage.

#### **⚠ WARNING**

Windows and doors can be heavy. Use safe lifting techniques and a reasonable number of people with enough strength to lift, carry and install window and door products to avoid injury and/or product damage.

#### **⚠ WARNING**

Unless specifically ordered, Andersen windows and doors are not equipped with safety glass, and if broken, could fragment causing injury. Many laws and building codes require safety glass in locations adjacent to or near doors. Andersen windows and doors are available with safety glass that may reduce the likelihood of injury when broken. Information on safety glass is available from your local Andersen dealer.

#### **⚠ CAUTION**

- Factory supplied head flashing and installation flanges **DO NOT** take the place of standard window and door flashing. Unit must be properly flashed and sealed with silicone for protection against water and air infiltration. Use non-reflective flashings.
- Do not apply any type of film to glass. Thermal stress conditions resulting in glass damage could occur.
- Use of movable insulating materials such as window coverings, shutters, and other shading devices may damage glass. In addition, excessive condensation may result causing deterioration of windows and doors.

#### **NOTICE**

Building construction prior to 1978 may contain lead paint which could be disturbed during window replacement. For more information on proper management of lead paint, visit [www.epa.gov/lead](http://www.epa.gov/lead).

## ⚠ WARNING

Metal fasteners and other hardware components may corrode when exposed to preservative treated and fire-retardant treated lumber. Obtain and use the appropriate metal fasteners and hardware as called out by the installation guide to fasten unit to any rough opening made from pressure treated and fire-retardant treated lumber. Failure to use the appropriate materials for the installation may cause a failure resulting in injury, property or product damage.

## CAUTION

Before installation, the full load must be applied to wall and header above unit rough opening. All roof material must be installed prior to installation to settle header and rough opening to its final position. Installing the door unit before roof is installed will effect product performance.

## CAUTION

Rough opening header must not deflect more than  $\frac{1}{16}$ " when carrying the weight of door panels. Door header must carry weight of door panels and all loads effecting opening. Too much deflection will affect product performance.

## CAUTION

Follow instructions from foam, sealant and flashing manufacturer regarding material application and compatibility with this product.

## IMPORTANT

Due to the complicated nature of this installation, Andersen strongly recommends consulting with a installation professional before attempting to install this product. Check with your local code official to identify and confirm compliance with local building code requirements.

### Parts Included

- (1) Installation Guide
- (1) Care, Finish & Maintenance Guide
- (2-16) Door Panels
- (4-32) Hardware Packs
- (1) Screw Pack
- (1) Weatherseal Kit
- (1) Door Frame (KD)
- (1) Silicone (Sill)
- (1) Caulk (Frame Assembly)
- (0-2) Panel Stop
- (0-8) Magnetic Catch Sets
- (1) Aluminum Floor Track
- (1) Vinyl Track Liner
- (1-8) Flush Bolt Cups
- (1) Multi-Point Lock Set (optional)

### Supplies Needed

- Flashing
- House Wrap Tape
- Sealant
- Foam Backer Rod
- Drip Cap (full width)
- Low Expanding Foam
- Batt Insulation
- Shims (waterproof)
- Wood Glue
- Fasteners (Stainless Steel, if required)
  - 3" Finish Nails
  - 1  $\frac{3}{4}$ " Roofing Nails
  - #10 × 1  $\frac{1}{2}$ " Screws

### Tools Needed

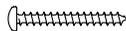
- Safety Glasses
- Tape Measure
- Level
- Drill/Driver
- #2 Phillips Bit
- Caulk Gun
- Flat Blade Screwdriver
- Putty Knife
- Suction Cups (if required)
- Laser Level
- $\frac{3}{4}$ " Drill Bit
- $\frac{5}{8}$ " Drill Bit
- $\frac{5}{64}$ " Drill Bit
- 8mm (5/16") Hex Allen Key
- #3 Phillips Screwdriver
- Hammer
- Utility Knife
- Pencil

### Screw Pack Contains

(13 - 56) #8 x 1  $\frac{3}{4}$ " Flat Head Screws



(4) #8 × 1  $\frac{1}{2}$ " Pan Head Screws



(12) #10 × 2  $\frac{1}{2}$ " Flat Head Screws



(16) #8 × 2  $\frac{1}{2}$ " Pan Head Screws



(16 - 25) #12 × 3  $\frac{1}{2}$ " Pan Head Screws



(2) Wood Plugs

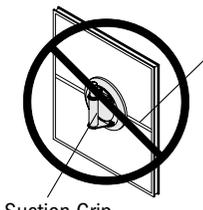


## ⚠ WARNING

Wood plugs are small parts and if swallowed could pose a choking hazard to young children. Remove and dispose of any loose or easily removed wood plugs.

## Glass

**⚠ WARNING**



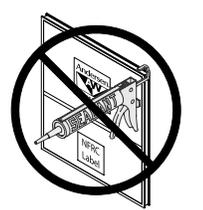
Film Seam

Suction Grip

Suction grips will not hold if placed over seam of film to lift or move unit. Unit will fall causing damage or injury.

- Laminated safety glass is not standard and must be special ordered. Check local building codes.
- Leave protective film in place until after construction is finished. Leave (NFRC) performance label in place until final inspection.
- Argon gas blend not available with high altitude glass.

**CAUTION**



Sealants will damage exterior coating on glass.

## Film Removal

**⚠ WARNING**

Static created when removing film can ignite flammable materials or cause a shock.

See warning label on glass.



- Remove protective film from seam or corner using plastic scraper if needed.
- Remove protective film within nine months of installation and when temperature is above 32° F.

**⚠ WARNING**

Dispose of film immediately after removal. Film may pose suffocation hazard to children.

## Finishing

### CAUTION

Finish wood surfaces immediately after installation. Unfinished wood will deteriorate, discolor, and/or may bow and split. Do not stain or paint weatherstrip, vinyl, glass, or hardware. Product damage may occur.

- Apply interior casing to complete installation.
- Finish all hidden wood surfaces
- Do not overload brush with stain/paint when finishing. Finish may wick between glass stop/grille on glass.
- Read and follow "Care, Finish, and Maintenance Guide".
- **Read and follow finishing product instructions and warnings on finishing materials.**

- Film is not a substitute for masking.



## Cleaning

### CAUTION

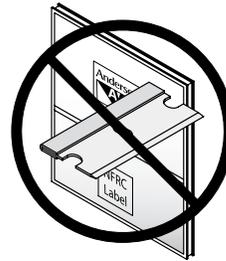
Acid solutions used for cleaning masonry or concrete will damage glass, fasteners, hardware, and metal flashing. Protect unit and follow cleaning product instructions carefully. If acid contacts unit, wash all surfaces with water immediately.

- Clean glass using liquid glass cleaner.
- Clean exterior frame, sash and insect screens using mild detergent and water with a soft cloth or brush.
- For hard to clean areas use a nonabrasive cleaner, alcohol-and-water or ammonia-and-water.

### CAUTION

Abrasive cleaners will damage glass surface.

### CAUTION



Metal razor blades can damage glass surface and its interior and exterior coatings.

## Maintenance

### CAUTION

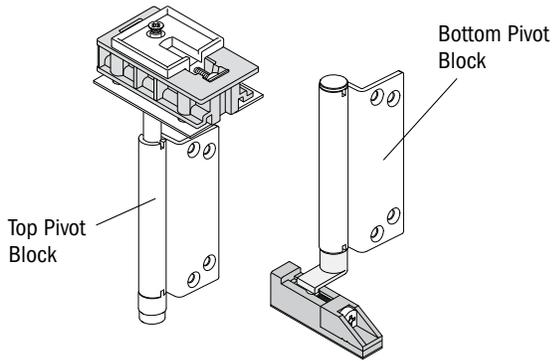
**Do not run heavy equipment or loads over bottom sill. If heavy equipment must be taken over sill, build a bridge over the sill that can fully support the weight of the equipment. Running heavy equipment or loads over the sill will damage the product.**

- Do not apply any type of film to insulated glass. Thermal stress and glass damage can result. Shading devices (insulated covers, shutters, etc.) may also cause thermal stress and condensation damage.
- After 1-4 weeks of operation, check head track screws. Tighten head track screws to maintain a level head track.
- For continued weather resistance of sealant joints, follow the sealant manufacturer's recommendations for periodic maintenance.
- Keep head and sill track clear of debris and water.
- Protect hangers, pivots and brackets with light spray oil.
- For more information contact your local Andersen dealer or visit [www.andersenwindows.com](http://www.andersenwindows.com).

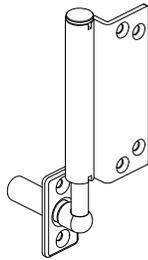
## Hardware Identification

### IMPORTANT

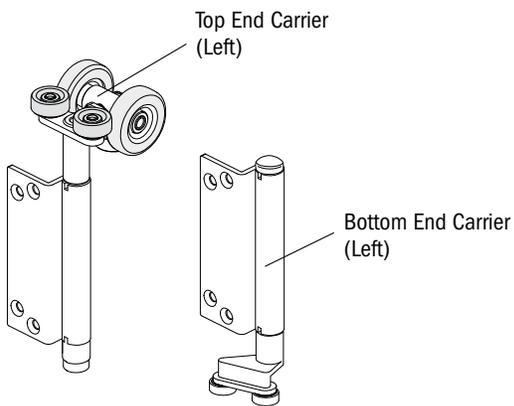
Hardware is installed in head track and most hinges are installed on one of adjacent panels.



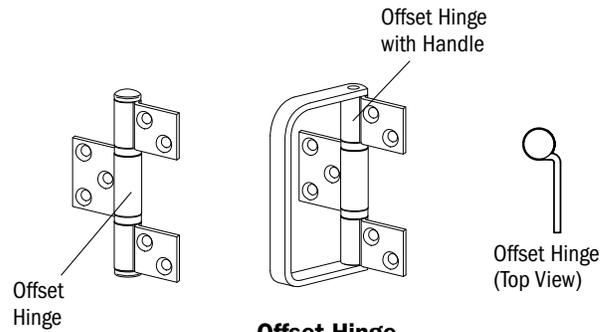
**Pivot Set  
(Right Hand Shown)**



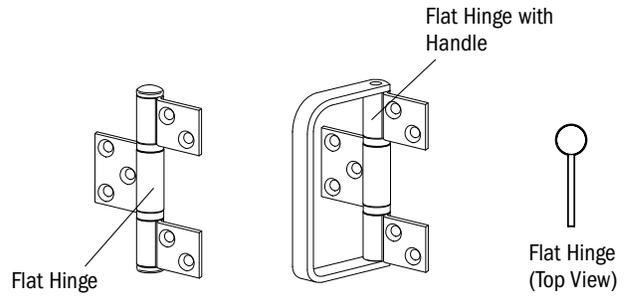
**Wall Pivot  
(Right Hand Shown)**



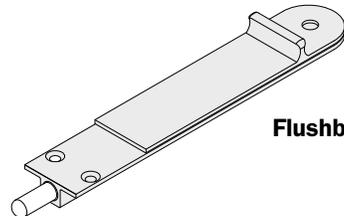
**End Carrier Set (Left or Right)  
(Left Hand Shown)**



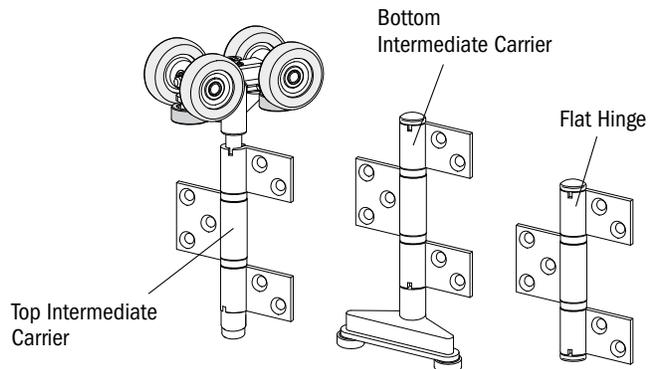
**Offset Hinge  
(with and without Handle)**



**Flat Hinge  
(with and without Handle)**

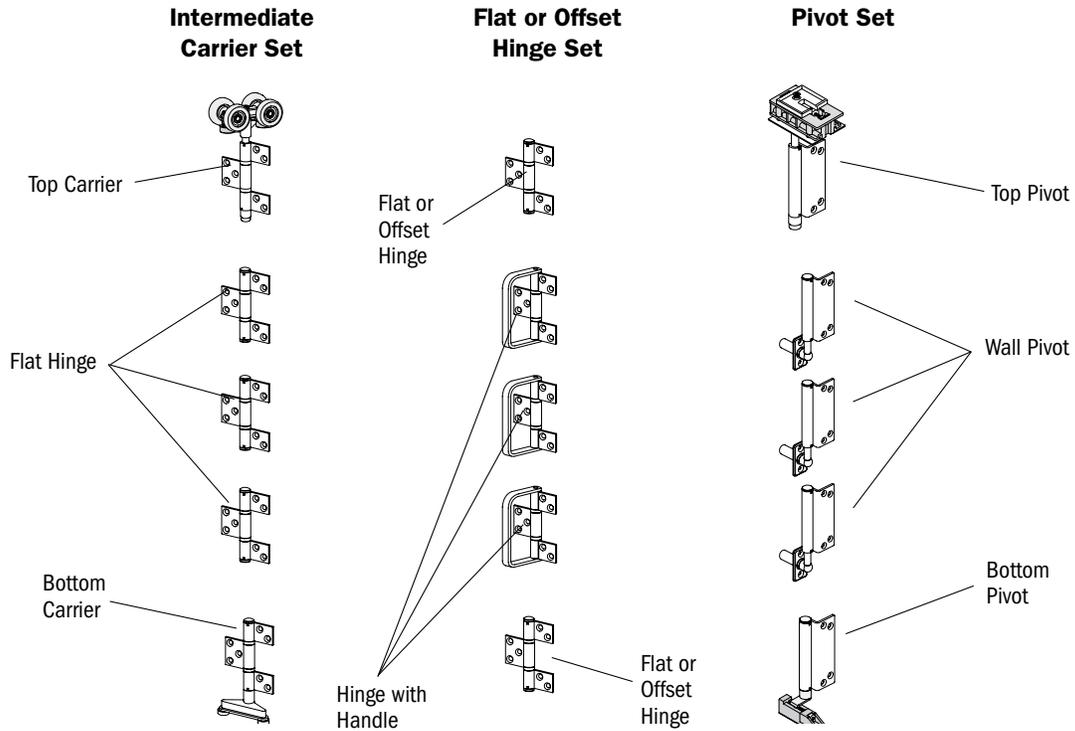


**Flushbolt**



**Intermediate Carrier Set**

## Hinge Quantities



<b>Hinge Quantity &amp; Type</b>			
<b>Frame Height</b>	<b>Intermediate Carrier Sets</b> consist of Top & Bottom Carrier and...	<b>Flat or Offset Hinge Sets</b> consist of 2 Flat or Offset Hinges and...	<b>Pivot Sets</b> consist of Top & Bottom Pivots and...
Up to 90"	1 Flat Hinge	1 Hinge with Handle	1 Wall Pivot
90.001" to 108"	2 Flat Hinges	2 Hinges with Handles	2 Wall Pivots
108.001" to 120"	3 Flat Hinges	3 Hinges with Handles	3 Wall Pivots

## Fasteners

### ⚠ WARNING

Metal fasteners and other hardware components may corrode when exposed to preservative treated and fire-retardant treated lumber. Obtain and use the appropriate metal fasteners and hardware as called out by the installation guide to fasten unit to any rough opening made from pressure treated and fire-retardant treated lumber. Failure to use the appropriate materials for the installation may cause a failure resulting in injury, property or product damage.

For installing fasteners through Installation Flanges\*, Installation Clips, Head and Side Jamb and Sills.

Fastener Schedule		
Building Material	Minimum Fastener Size	Minimum Embedment
Wood Frame*	#10 Wood Screw (#12 Wood Screw for Head Track)	1 ½"
Concrete / Masonry	¾" Masonry Screw	1 ¼"
Steel Frame	#10 Self-Tapping Screw (#12 Self-Tapping Screw for Head Track)	3 Threads
* 3" finish nails are used for fastening through brickmould into wood frame construction.		

## Rough Opening Specifications

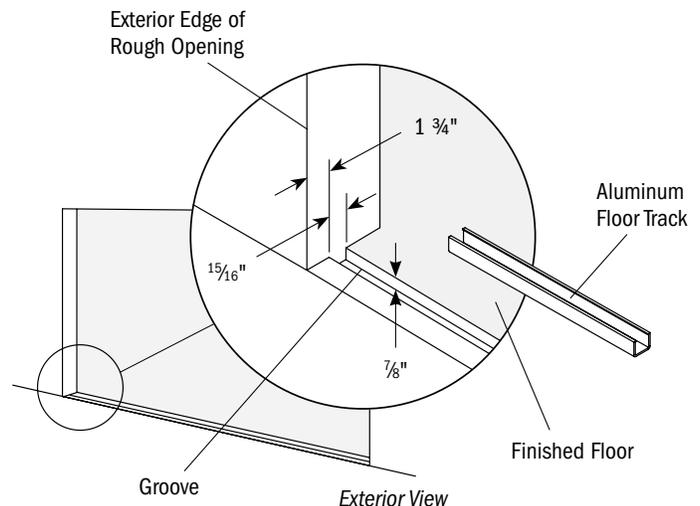
### IMPORTANT

Finished flooring must be installed and groove for floor track must be prepared before installing folding door unit. If finished floor is not installed, temporary blocks can be used to hold frame at finished floor height.

### CAUTION

Rough opening header must be strong enough to support maximum panel weights and force generated during unit operation. Failure to properly support unit may result in product and/or property damage.

- Prepare 15/16" wide by 7/8" deep, groove in finished floor for floor track. Keep floor track groove 1 3/4" back from exterior edge of rough opening. See drawing.
- Check size of floor track groove with aluminum floor track.



## Rough Opening Specifications (continued)

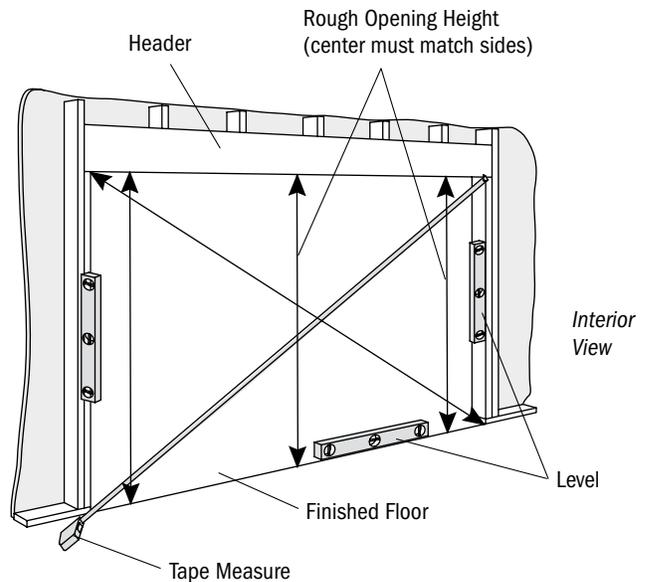
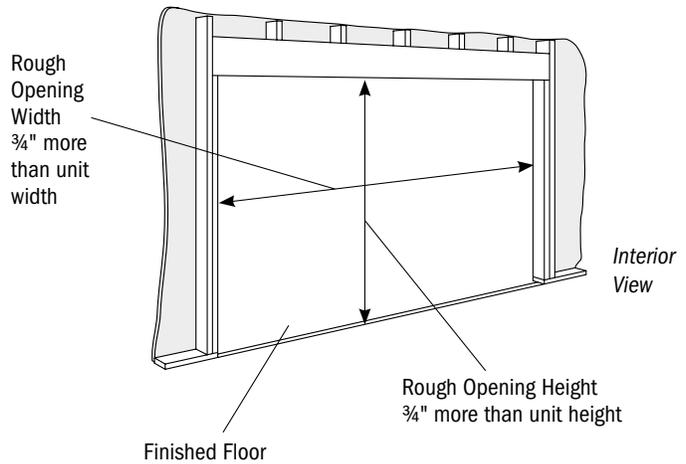
### CAUTION

Rough opening must be level and square. Failure to have a level and square rough opening will affect product performance.

### CAUTION

Rough opening header must not deflect more than 1/16" when carrying the weight of the doors. Too much deflection will affect product performance.

- Width of rough opening should be 3/4" more than unit width. Height of rough opening should be 3/4" more than unit height. Allow for flashing thickness.
- Check sill plate for level. Sill must be level and flat. Shim if needed.
- Check header for level. Measure rough opening height at sides and in center. Measurements must be the same.
- Check rough opening for square by measuring diagonally across, upper left to lower right and upper right to lower left corner. If measurements are within 1/8", opening is square. If rough opening is not square, correct as needed.



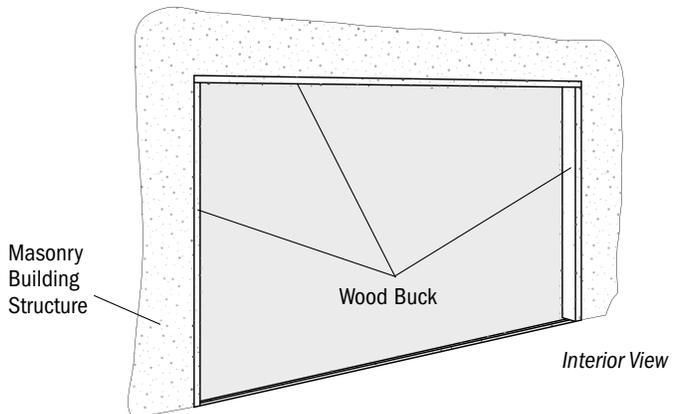
## Masonry Construction

### CAUTION

DO NOT install unit with unfinished wood in direct contact with masonry/concrete. Apply proper finish to wood surface, or place barrier (i.e. tar paper or ice/water membrane) between wood and masonry/concrete surface. Failure to do so may result in product and/or property damage.

### IMPORTANT

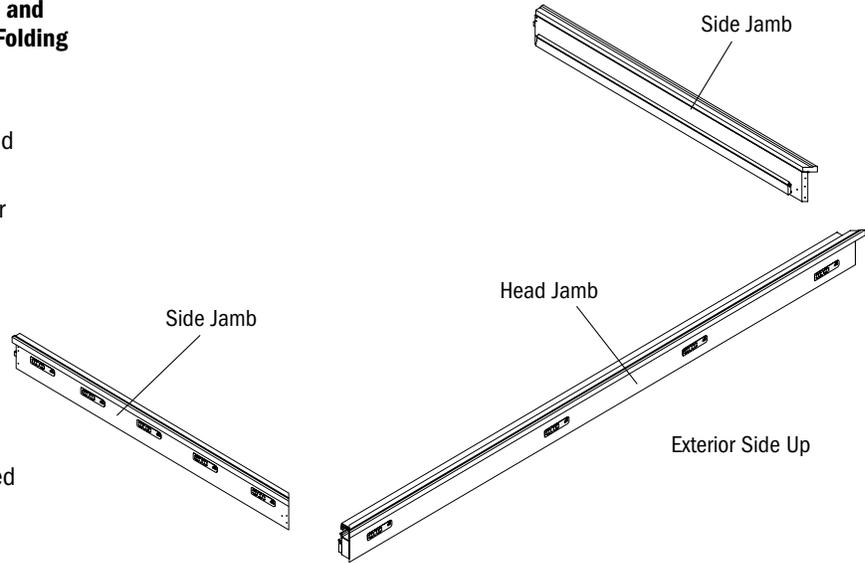
For masonry applications, install and securely fasten a wood buck around head and sides of masonry opening before installing door unit. Apply sealant between rough opening and wood buck.



## 1. Assemble Frame

For units with 2 piece head jamb, proceed to **Sill and Head Assembly Guide for Andersen® Outswing Folding Doors - #113087**

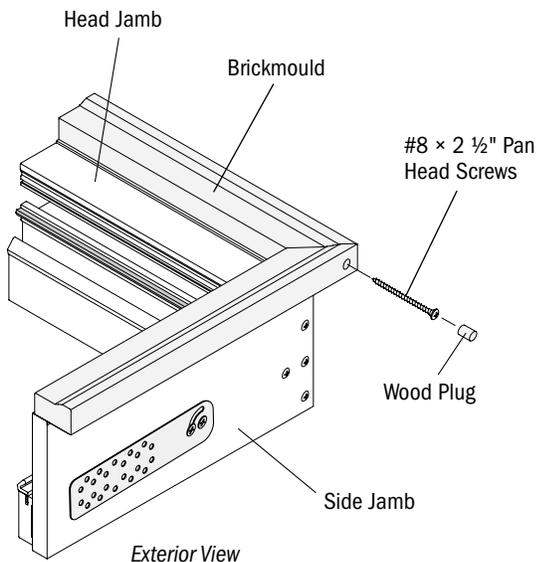
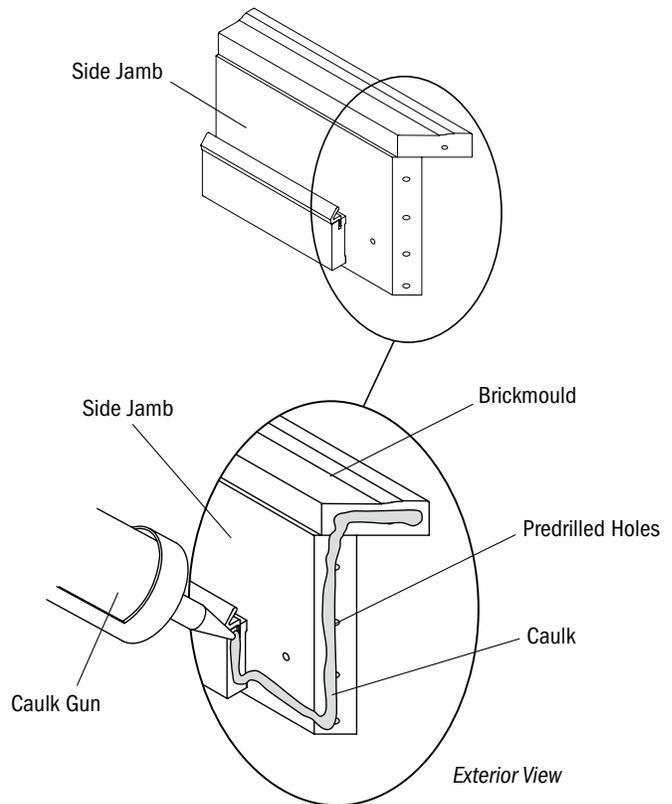
- Remove frame components (side jambs, & head jamb) from package.
- Place frame components on flat surface interior side down. Protect frame components from damage.
- Apply ¼" bead of caulk along top of side jambs and brickmould over predrilled holes. See drawing.
- Bring side jamb and head jamb together and align mitered brickmould.
- Secure brickmould corners by installing supplied (from screw pack) #8 × 2 ½" pan head screws through predrilled holes in brickmould. See drawing.



### **⚠ WARNING**

Wood plugs are small parts and if swallowed could pose a choking hazard to young children. Remove and dispose of any loose or easily removed wood plugs.

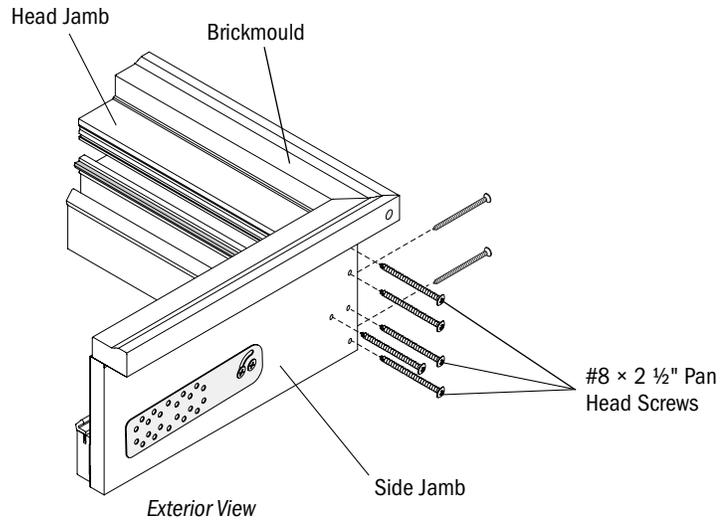
- Install supplied (from screw pack) wood plugs in predrilled holes in brickmould with wood glue.



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## 1. Assemble Frame (continued)

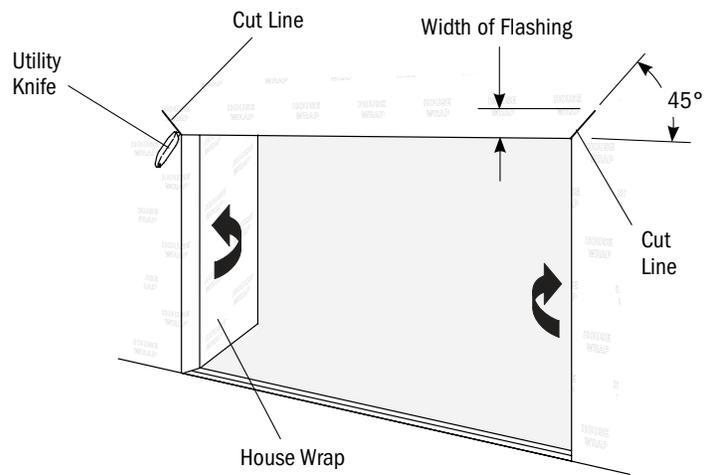
- Secure head jamb to side jambs by installing supplied (from screw pack) #8 × 2 ½" pan head screws through predrilled holes in side jambs and head jamb. Alternate screws to maintain tight, square joint.



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## 2. Prepare Rough Opening

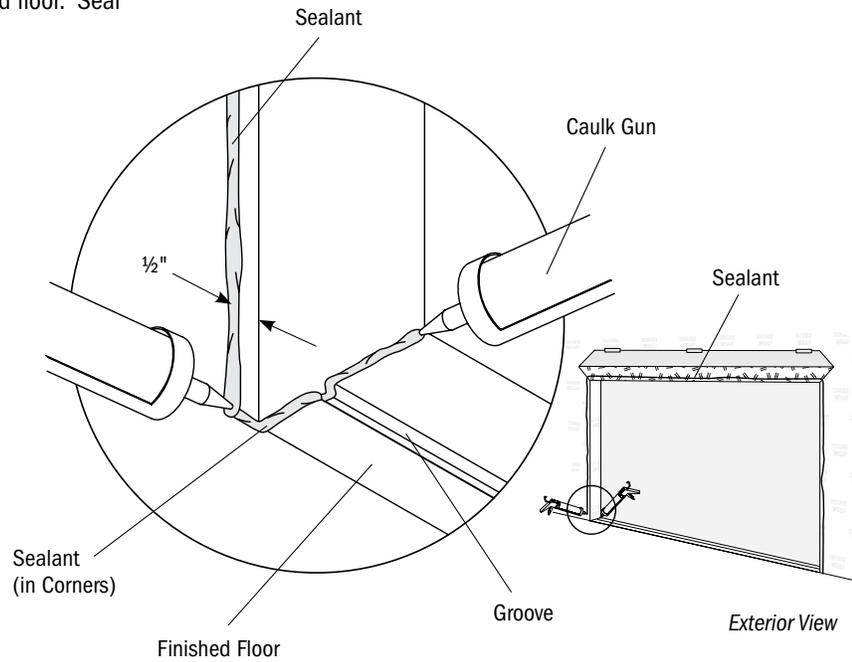
- Cut house wrap along sill and head of rough opening.
- Cut house wrap vertically in center of rough opening from head to floor.
- Trim excess house wrap, fold around to inside, and staple.
- Cut top corners of house wrap on 45° angles the width of head flashing.
- Fold flap up and temporarily tape in position.



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## 2. Prepare Rough Opening (continued)

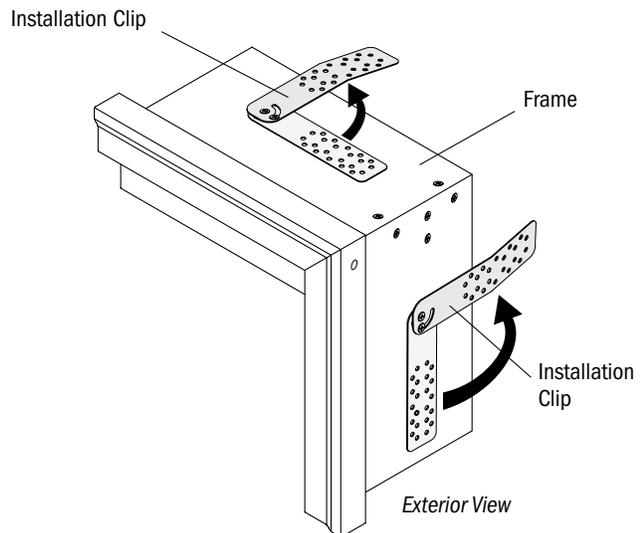
- Apply a continuous  $\frac{3}{8}$ " bead of sealant on exterior surface around head and sides of rough opening,  $\frac{1}{2}$ " from rough opening edge.
- Continue  $\frac{3}{8}$ " bead of sealant along bottom corners of rough opening between sides and finished floor. Seal ends of groove in finished floor.



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## 3. Position Installation Clips

- Rotate installation clips 90° into position and push ends down (approximately 15° to 20°) around frame, as shown, before placing unit into rough opening.



## 4. Install Frame

### ⚠ WARNING

Windows and doors can be heavy. Use safe lifting techniques and a reasonable number of people with enough strength to lift, carry and install window and door products to avoid injury and/or product damage.

### ⚠ WARNING

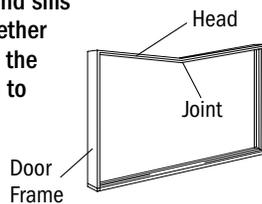
Support frame in rough opening at all times until secure. Failure to support frame could result in frame falling causing injury, property, and/or product damage.

### CAUTION

Do Not twist frame while installing in rough opening. Twisting frame while installing may result in product/property damage.

### CAUTION

Frames with 2 piece heads and sills which have been spliced together require extra support around the joint while installing. Failure to properly support the joints may result in product/property damage.

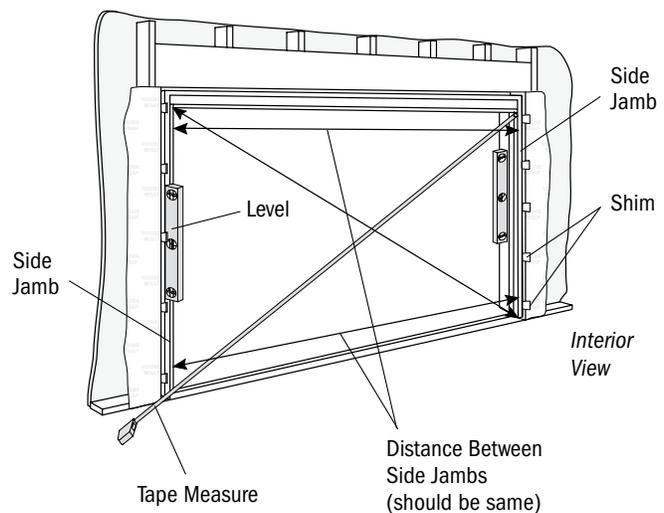
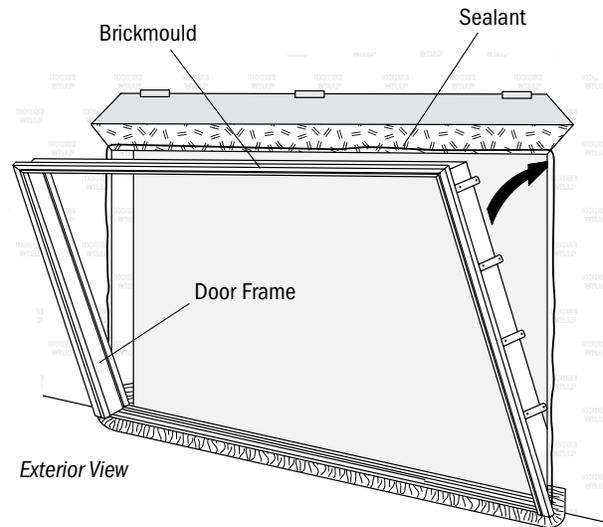


### CAUTION

A minimum ¼" space is required around exterior perimeter of unit between unit and building framing. Failure to properly space product in opening may result in product and/or property damage.

### CAUTION

Unit frame must be level and square. Failure to have a level and square frame will affect product performance.



- Lift and center frame in rough opening. Bottom of side jambs should be resting on finished floor.
- Push top in until installation flange is firmly pressed into sealant around perimeter of rough opening. Center frame in rough opening.
- Insert shims between rough opening and side jambs, beside each installation clip. Shims are installed between side jambs and building structure to prevent jambs from bowing.
- Adjust door frame in opening from the interior. Check frame for plumb and level using a level. Correct as needed.
- Measure horizontal distance between side jambs at head and floor. Measurements should be the same. Adjust shims as needed.
- Check frame for square by measuring diagonally, upper left to lower right and upper right to lower left corners. Both measurements must be within ¼". Correct as needed.

#### 4. Install Frame (continued)

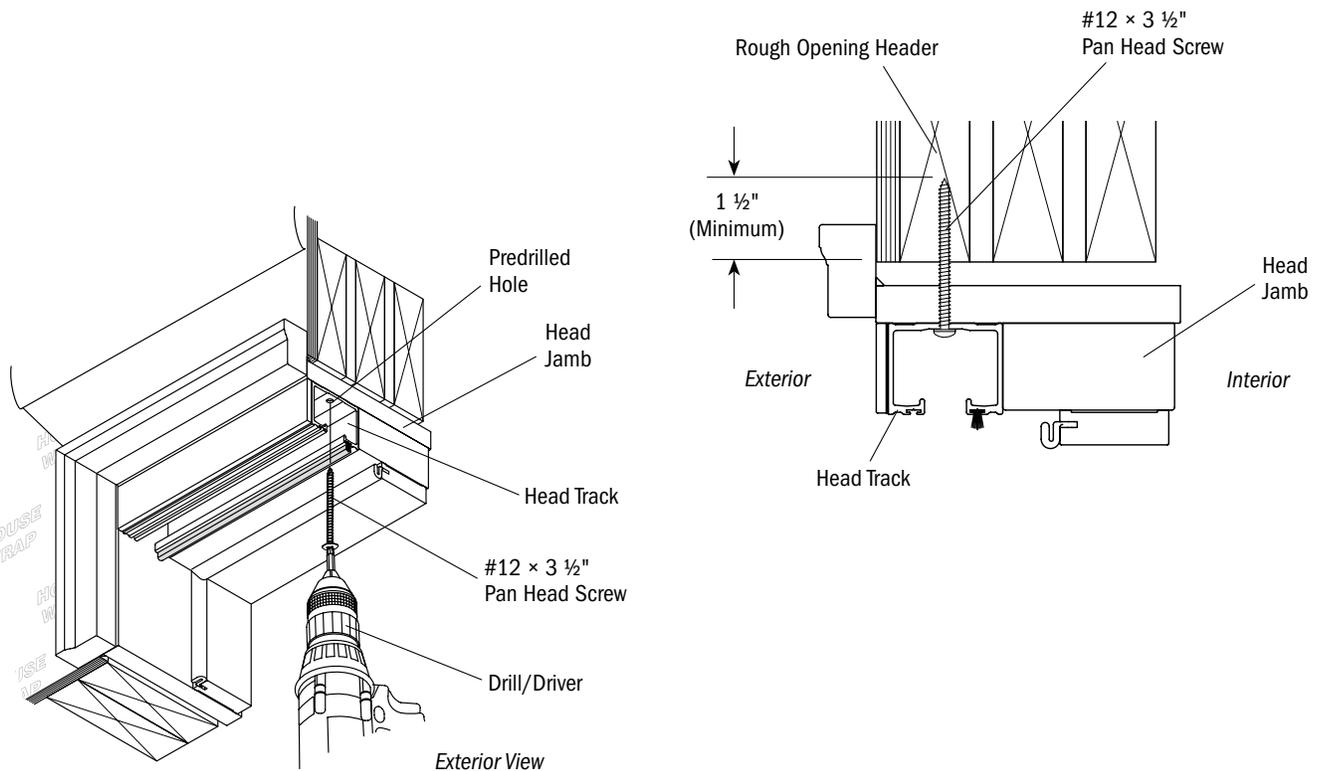
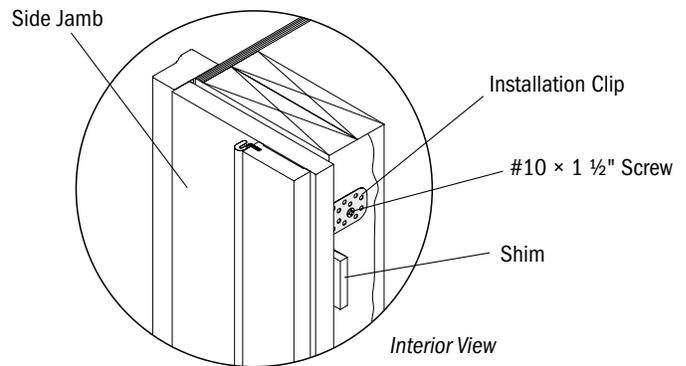
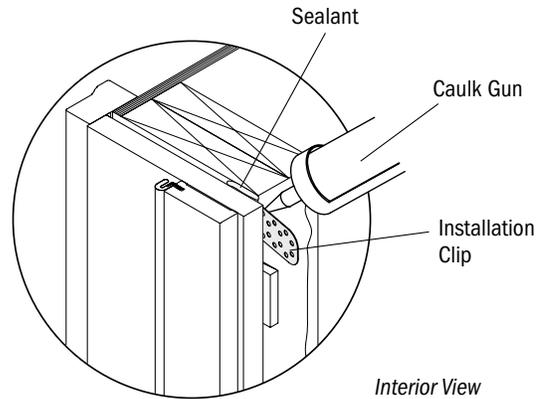
##### CAUTION

Head track must be secured with proper size and quantity of screws. Secure head track with #12 or larger screws in all predrilled holes in head track. Screws must penetrate the rough opening header by at least 1 ½". Failure to do so could result in product and/or property damage.

##### IMPORTANT

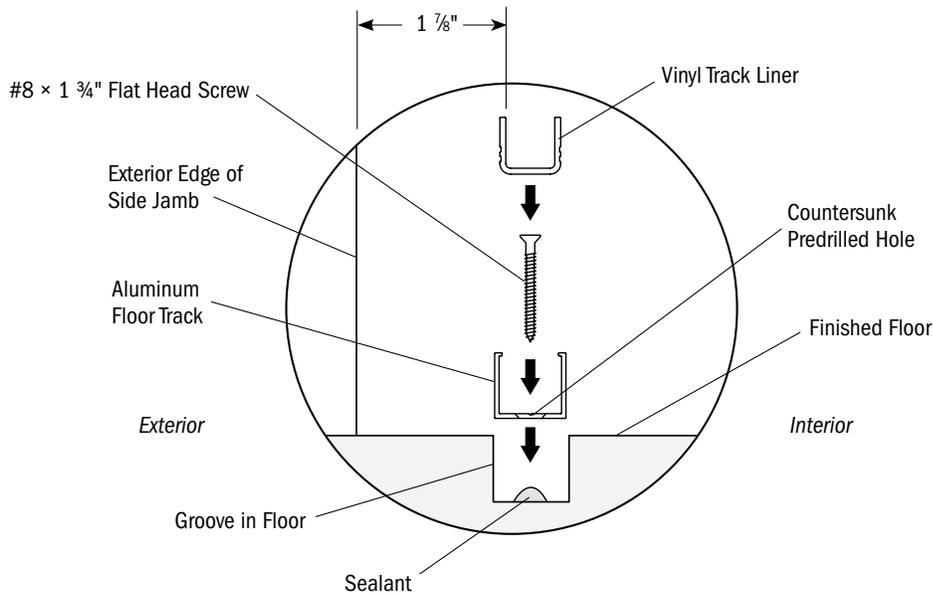
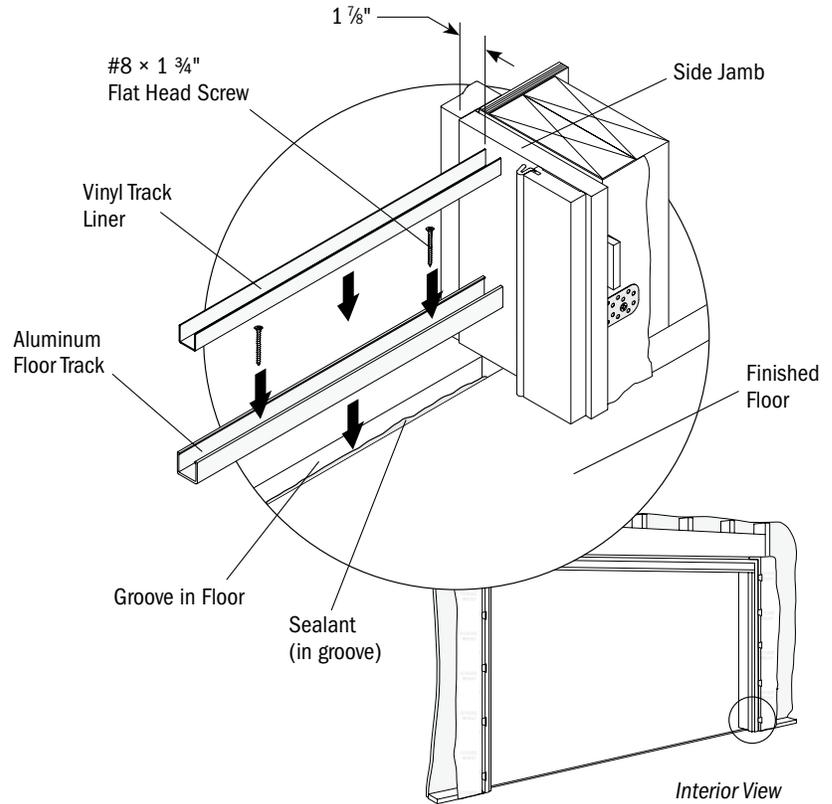
Head jamb must be level or have slight (1/8" maximum) camber up in center.

- Completely fill void between installation clips and rough opening with sealant.
- Insert shims between rough opening and side jambs, beside each installation clip.
- Bend and fasten installation clips to building structure using #10 × 1 ½" screws.
- Install supplied (from screw pack) #12 × 3 ½" pan head screws through all predrilled holes in head track. Screws must penetrate the rough opening header by at least 1 ½". Use longer screw if required. Do Not shim between head jamb and rough opening header. Use #12 × 3 ½" pan head screws to keep head jamb level.



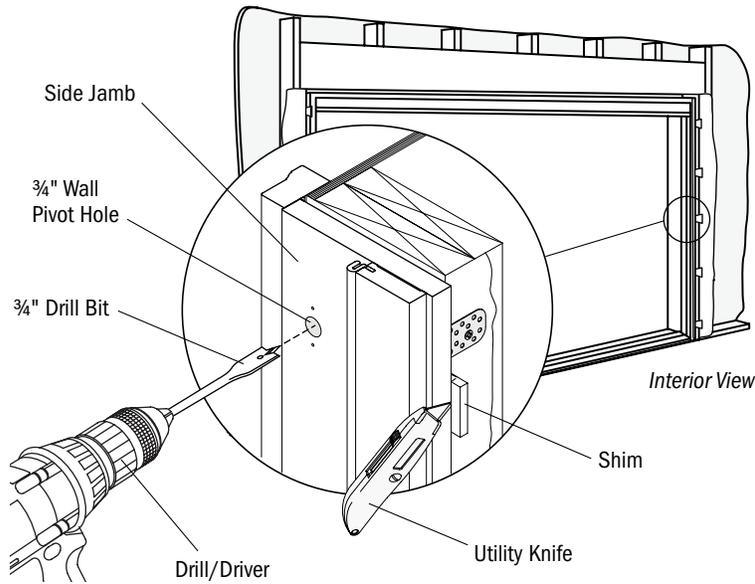
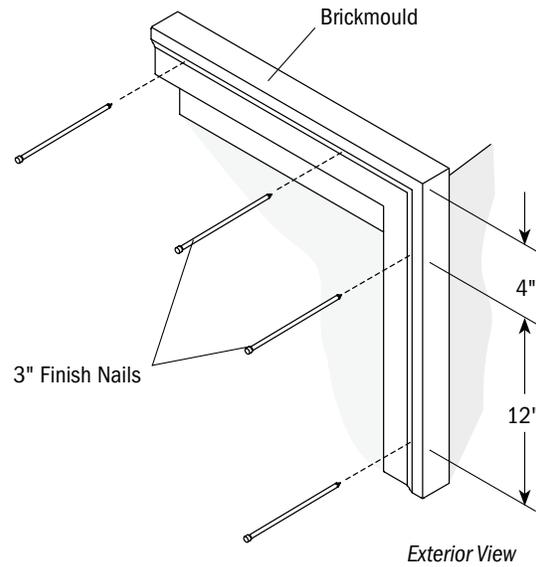
#### 4. Install Frame (continued)

- Apply a ¼" bead of sealant along bottom of groove in finished floor.
- Install aluminum floor track in groove in finished floor. Secure by installing supplied (from screw pack) #8 x 1 ¾" flat head screws in countersunk predrilled holes in aluminum floor track. Do Not overtighten screws or distort aluminum floor track. If securing directly to masonry, use masonry screws.
- Install vinyl track liner in aluminum floor track.
- Check location of track. Measurement from inside edge of vinyl track liner to exterior edge of side jamb (not brickmould) should be 1 ⅞".



#### 4. Install Frame (continued)

- Nail through brickmould 4" from each end and every 12" between with 3" finish nails.
- Increase depth of  $\frac{3}{4}$ " wall pivot hole in side jamb(s) to  $1\frac{5}{8}$ " deep by drilling into rough opening with  $\frac{3}{4}$ " drill bit.
- Cut shims flush with door frame using utility knife.

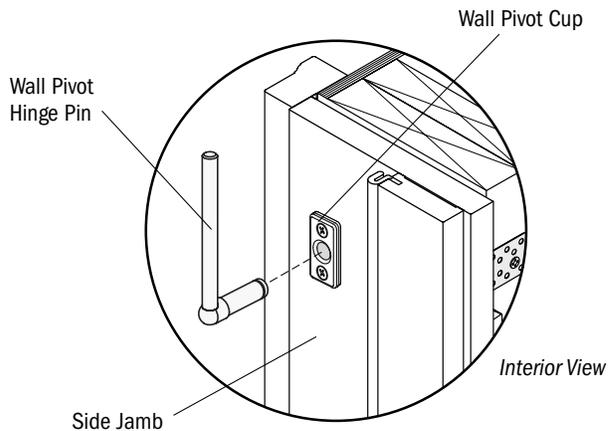
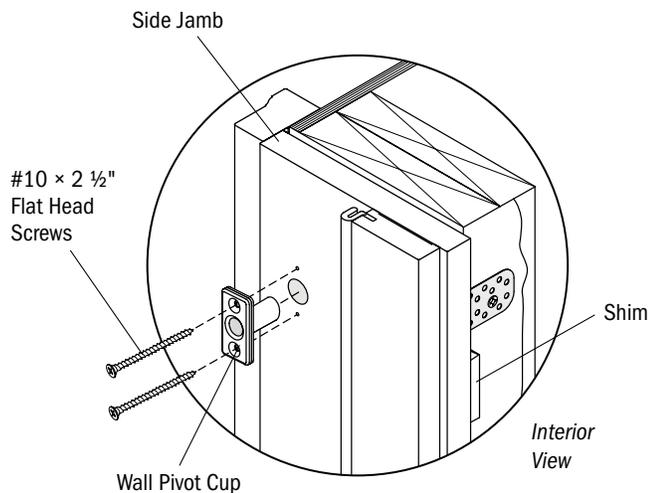
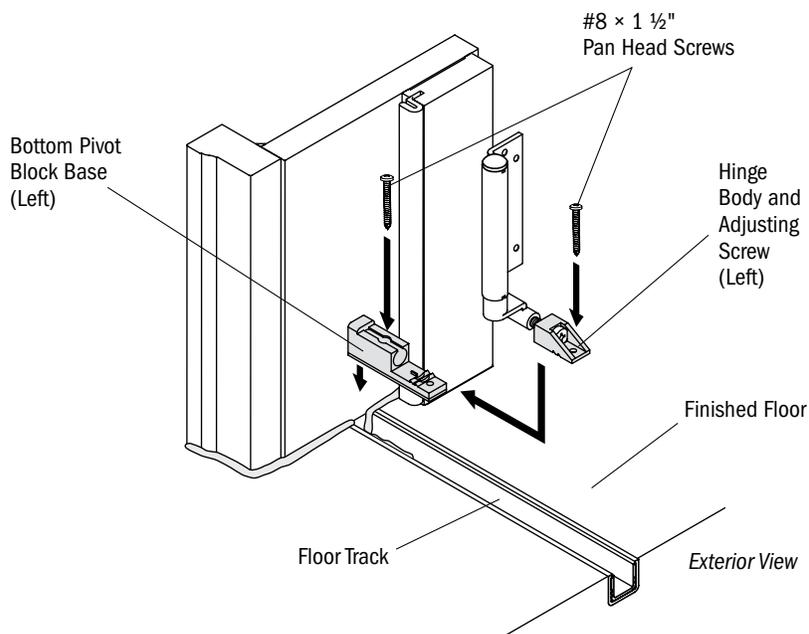
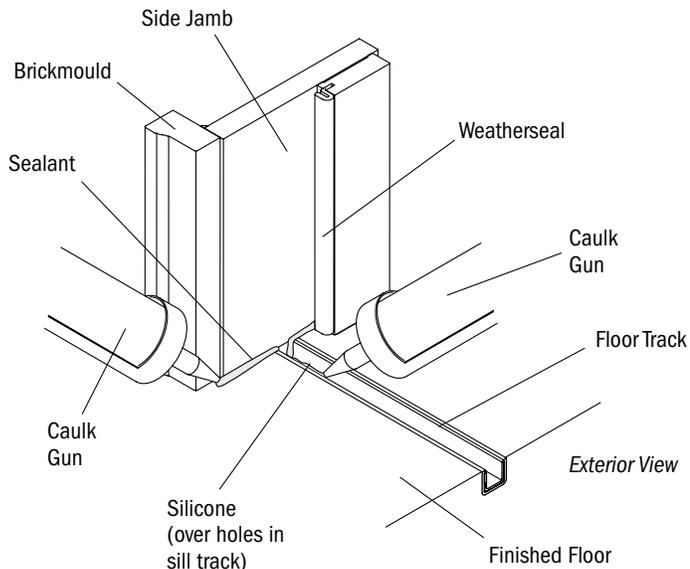


## 5. Install Hardware

### IMPORTANT

Hardware is installed in head track and most hinges are installed on one of adjacent panels.

- Apply continuous  $\frac{1}{4}$ " bead of sealant between floor and side jamb from weatherseal to exterior edge of brickmould. Seal along sides and bottom of floor track.
- Apply  $\frac{1}{4}$ " bead of color matched silicone over predrilled holes in bottom of floor track.
- Install bottom pivot block(s) in end(s) of floor track with supplied (from screw pack) #8  $\times$  1  $\frac{1}{2}$ " pan head screws through predrilled holes. If securing directly to masonry, use masonry screws.
- Install wall pivot cup(s) with supplied (from screw pack) #10  $\times$  2  $\frac{1}{2}$ " flat head screws in predrilled holes. Shim behind frame as required.
- Slide wall pivot hinge pin(s) into wall pivot cup(s).



## 6. Install Door Panels

### ⚠ WARNING

Windows and doors can be heavy. Use safe lifting techniques and a reasonable number of people with enough strength to lift, carry and install window and door products to avoid injury and/or product damage.

### ⚠ WARNING



Suction Cup

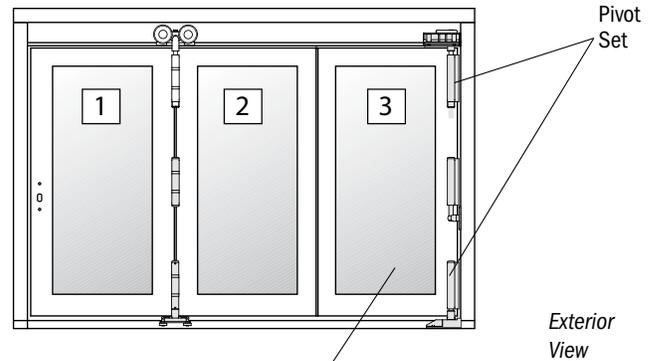
Film Seam

Suction cups will not hold if placed over seam of film to lift or move unit. Unit will fall causing damage or injury.

### IMPORTANT

Door panels are numbered from left to right, (as viewed from exterior) for panel orientation purposes only, not to indicate order of installation.

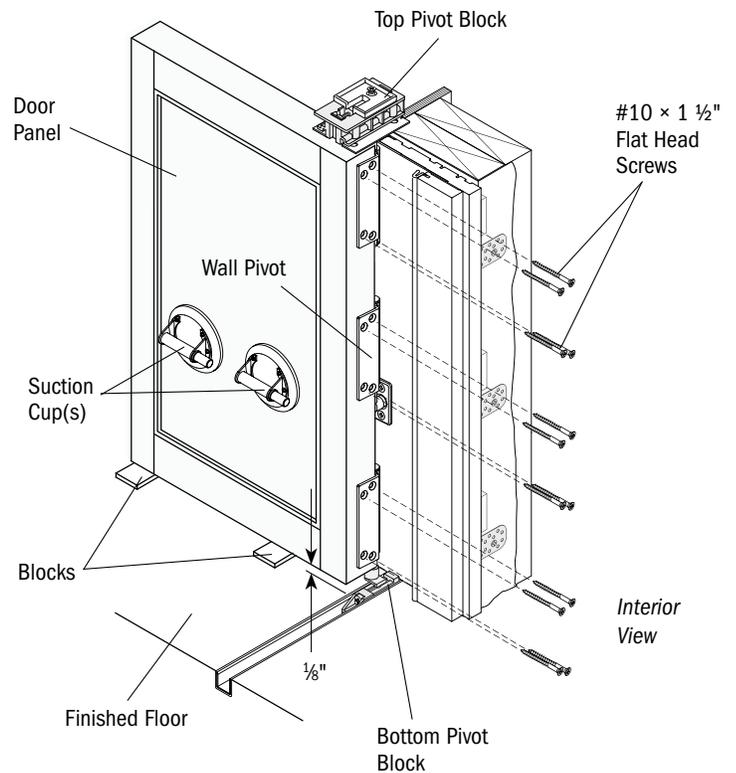
- Install the door panel(s) secured by the pivot set(s) first (adjacent to side jamb) then work towards the opposite panel. This panel could be the first or last numbered panel.
- Slide wall pivot hinge leaf(s) onto wall pivot hinge pin(s).
- Place door panel in open position 90° to frame and supported on blocks. Use adequate number of people and suction cups to lift panel. Door panel should be level and 1/16" to 1/8" above sill.
- Secure top and bottom pivot blocks and wall pivot(s) to door panel with supplied (from hardware pack) #10 x 1 1/2" flat head screws in predrilled holes.



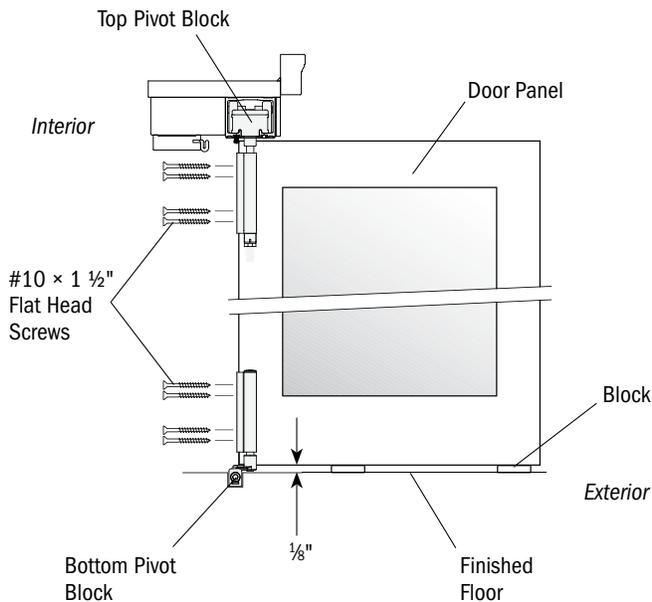
3R Door Unit

First Panel Installed

Exterior View



Interior View



## 6. Install Door Panels (continued)

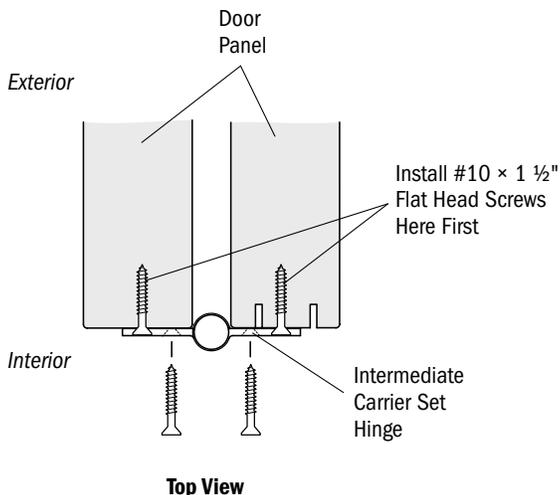
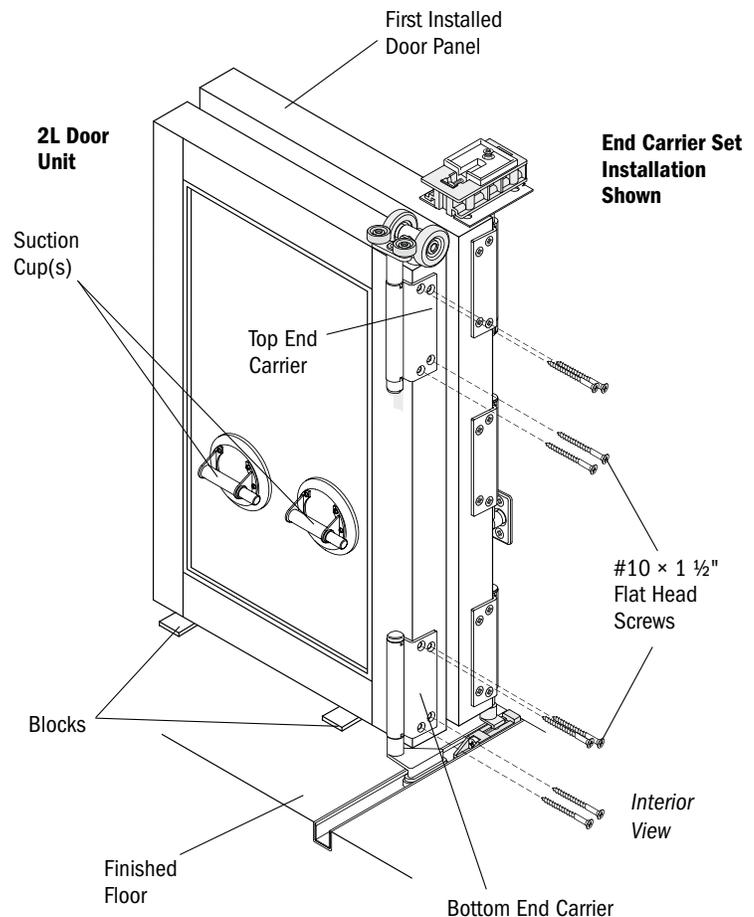
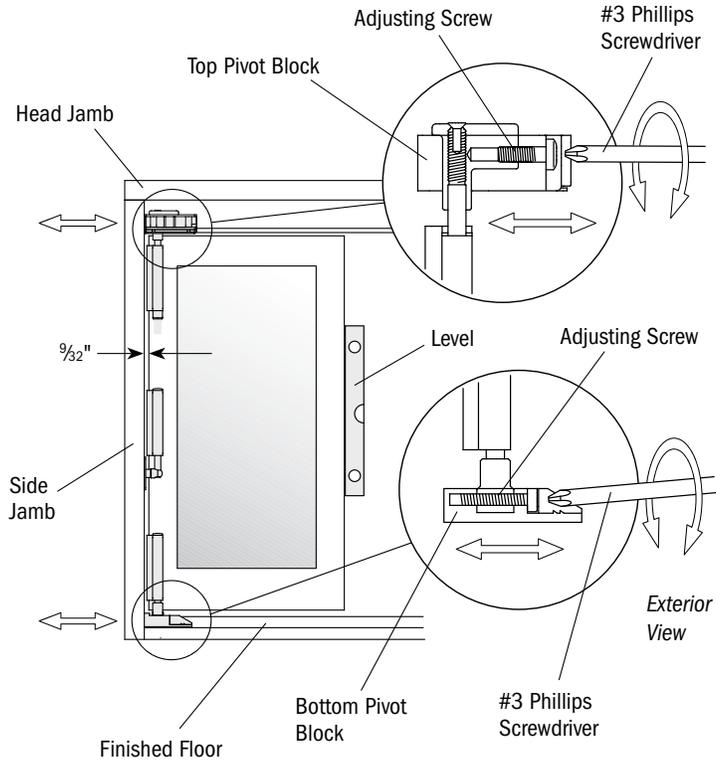
### CAUTION

Support and lift door panel when raising door panel with adjusting screw. Failure to do so may result in product damage.

### IMPORTANT

When securing panels in frame, attach panels to hardware at track first, then attach panels to each other with hinges.

- Close the door and check for a consistent  $\frac{9}{32}$ " gap between door panel and side jamb.
- Check for consistent gap between door panel and head jamb.
- Move door panel to open position to adjust pivot blocks. Check door panel for level. Adjust panel as required. See drawing.
- Place second door panel beside first installed door panel in open position. Support door panel on blocks keeping door panel level and  $\frac{1}{8}$ " above floor. Match position of first installed door panel.
- Secure intermediate or end carrier set (depending on door configuration) to edge of door panel with supplied (from hardware pack) #10 × 1 ½" flat head screws in predrilled holes. When installing screws in carriers and hinges, install outside screws first to keep hinges flat to edge of door panel. See drawings.



## 6. Install Door Panels (continued)

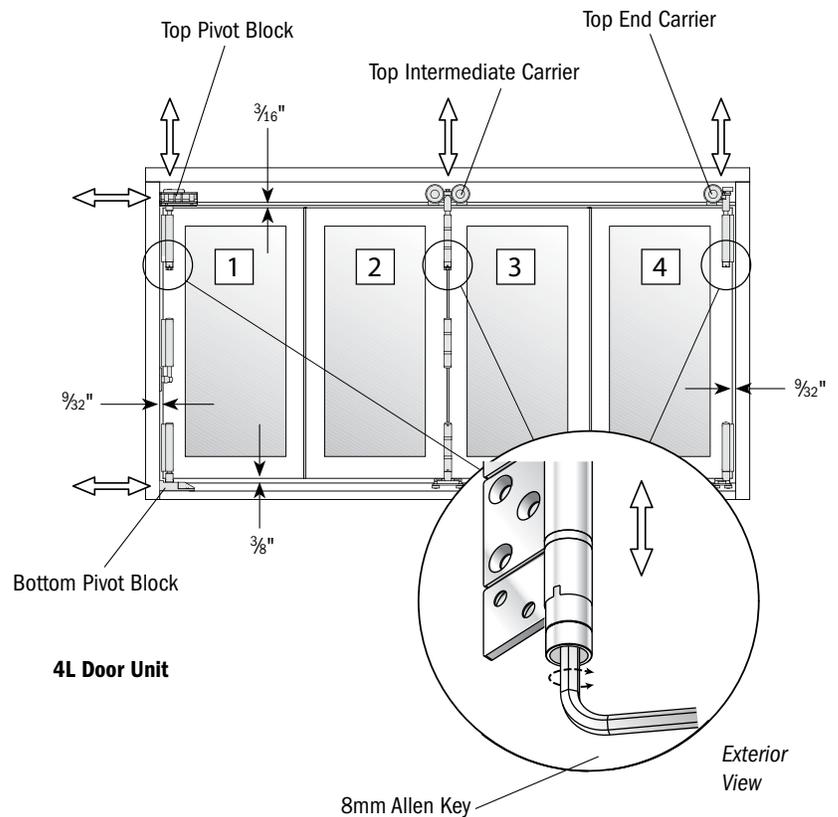
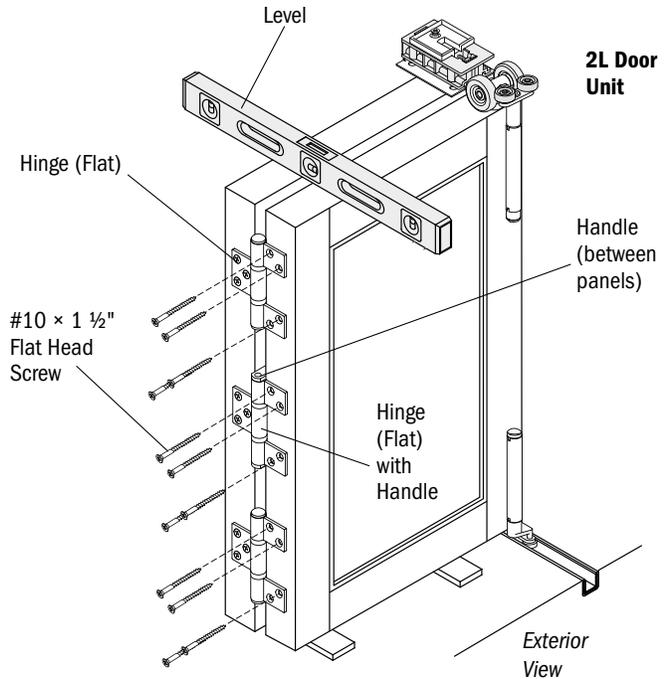
### IMPORTANT

Hinges with handles go in the center of the door panel. One on three hinge doors, two on four hinge doors, and three on five hinge doors.

### IMPORTANT

Gap dimensions between panels and frame are approximate. Panels must be level, have proper weatherseal contact and operate properly.

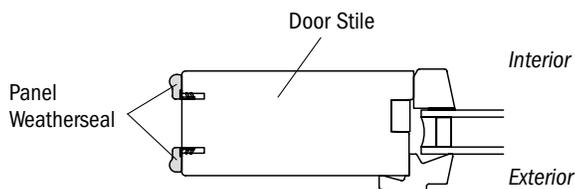
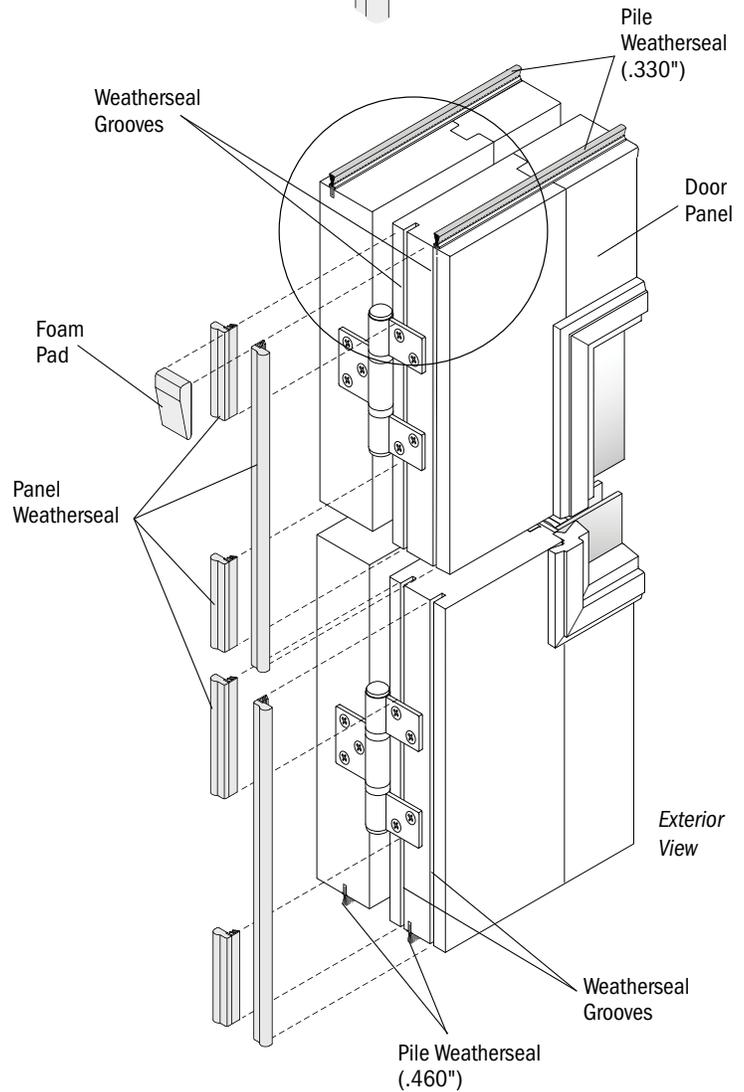
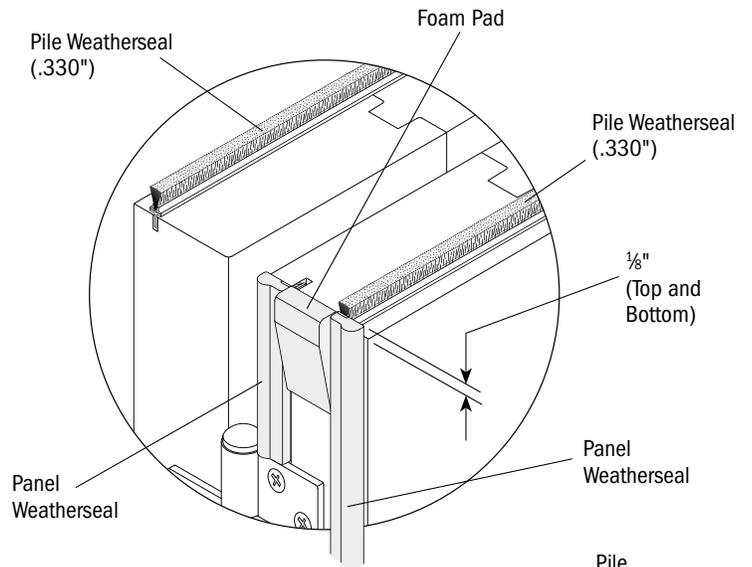
- Attach first and second door panels together by installing flat or offset hinge set (depending on door configuration) between them using supplied (from hardware pack) #10 × 1 1/2" flat head screws. Keep top and bottom of door panels flush. Check with level across top of door panels. Handles face interior (go between panels) when securing hinge(s) with handle(s).
- Secure remaining panels by installing panels to hardware at the track first then secure to adjacent panel with hinges.
- Check for consistent 3/16" gap between door panels and head jamb and 3/8" gap between door panels and floor. Adjust top pivot block(s), top intermediate carriers and top end carriers as needed. Keep door panels plumb and level. Lift door panel(s) to remove weight from top carriers and pivot blocks when adjusting.
- Check for a consistent 1/32" gap between door panels and side jamba. Adjust pivot blocks as required.



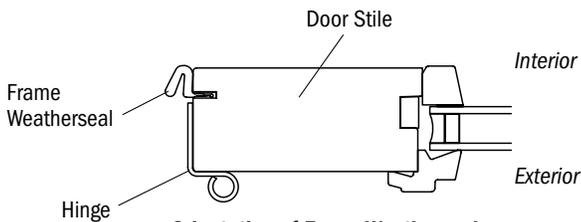
## 7. Install Weatherseals in Panels

- Install panel and frame weatherseals in weatherseal grooves along edges of door panels. Cut panel weatherseals around hinges. Panel weatherseals should be  $\frac{1}{8}$ " above top of door panel and  $\frac{1}{8}$ " below bottom of door panel.
- Install supplied foam pad between panel weatherseals at the top of door panels. Foam pad should be  $\frac{1}{8}$ " above door panel. Trim pad if required. See drawing for orientation.
- See chart and drawings for type and locations of weatherseals.

Door Panel Weatherseal Locations		
Weatherseal	Drawing	Where Used
Panel		-between door panels
Frame		-on door panel stiles adjacent to jambs -on edge of leading door panels when adjacent to another leading door -in astragals
Pile - .330"		-on active door panel stile beside hardware -top of all door panels
Pile - .460"		-bottom of all door panels



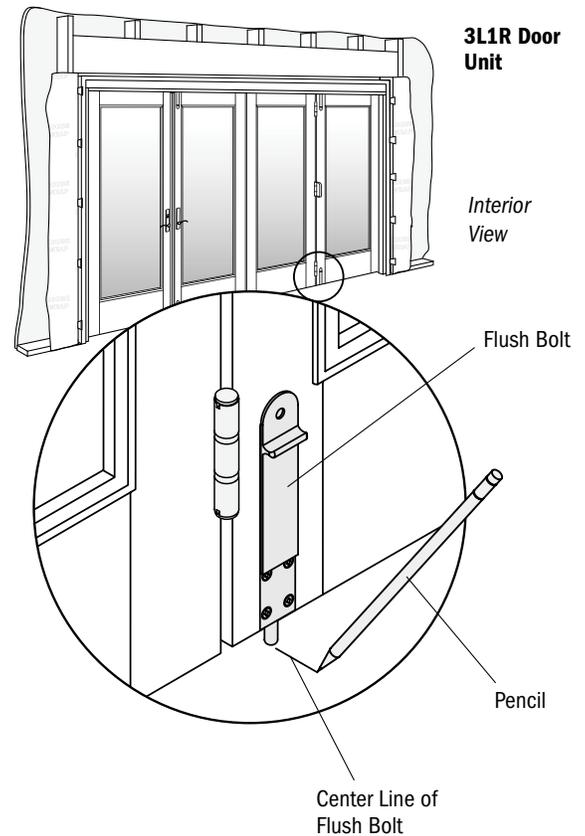
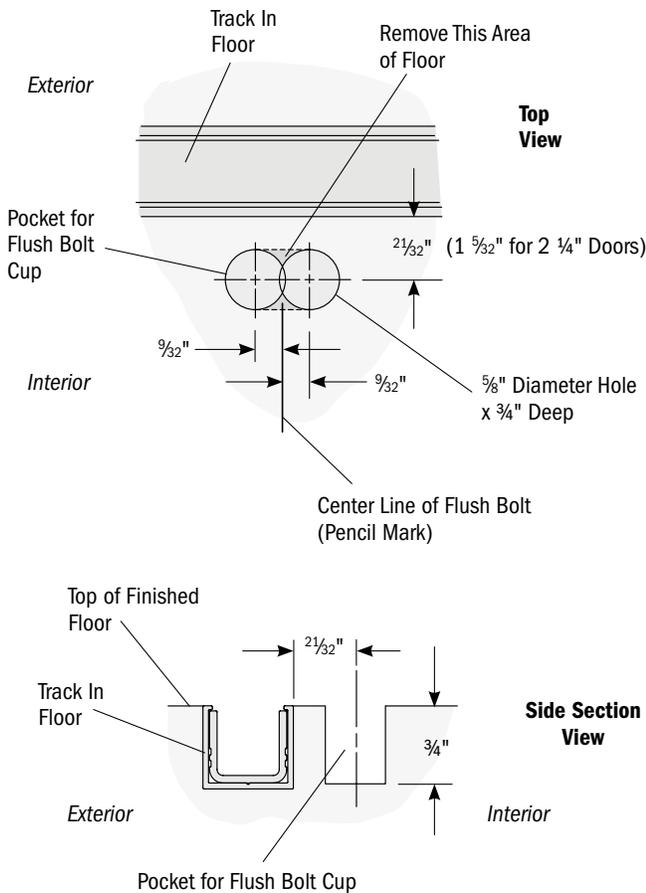
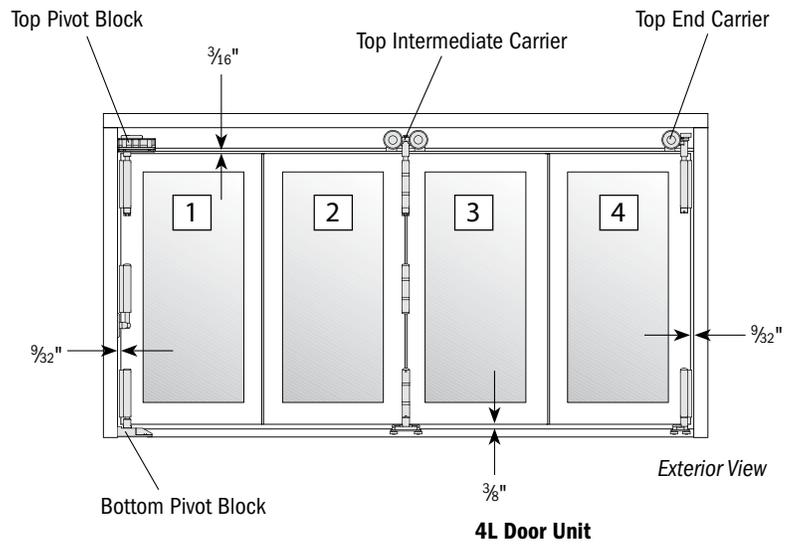
**Orientation of Panel Weatherseals on Door Panels (Top View)**



**Orientation of Frame Weatherseal on Leading and Jamb Panels (Top View)**

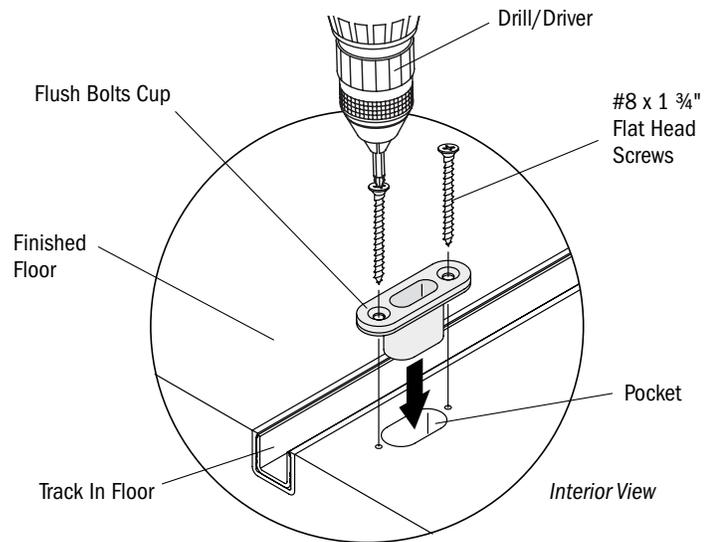
## 8. Install Flush Bolt Cups

- Check clearance around door panels when closed. Adjust carriers and pivots blocks as required.
- Check operation of door unit by opening and closing door panels.
- Close door panels. Lock top flush bolt(s).
- Push bottom flush bolt(s) down until they contact the floor.
- Mark center line of flush bolt(s) on floor with pencil.
- Open door panels.
- Drill two  $\frac{5}{8}$ " diameter holes by  $\frac{3}{4}$ " deep centered  $\frac{9}{32}$ " on each side of flush bolt center line and  $2\frac{1}{32}$ " (1  $\frac{5}{32}$ " for 2  $\frac{1}{4}$ " doors) from interior edge of track in floor. See drawing.
- Remove excess flooring between  $\frac{5}{8}$ " holes to finish pocket for flush bolt cup.



## 8. Install Flush Bolt Cups (continued)

- Install flush bolt cups with supplied (from screw pack) #8 x 1 3/4" flat head screws. Use masonry screws if required.
- Recheck operation and clearance of door panels.
- Close door panels. Check operation of bottom flush bolts.

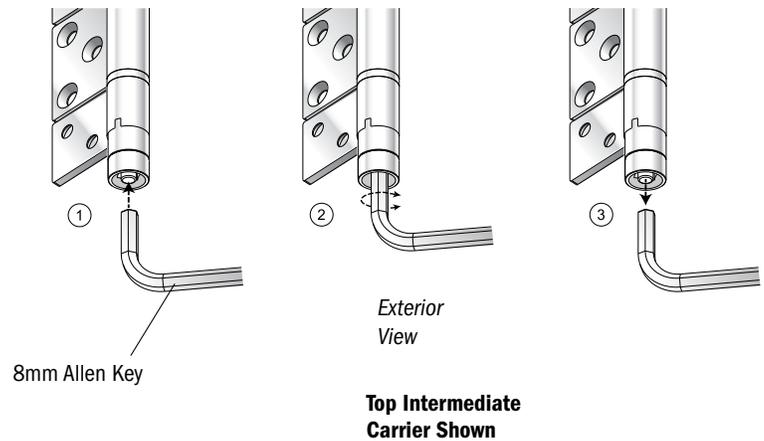


## 9. Check Clearance and Operation

- Check operation of door unit by opening and closing door panels. Adjust as required.

### IMPORTANT

After 1-4 weeks of operation, check clearance and operation of door panels. Adjust pivot blocks and carriers as needed. Check head track screws. Tighten head track screws to maintain a level head track.



## 10. Install Magnetic Catches

### ⚠ WARNING

Use caution when handling the magnets. The magnets have a strong attraction force and if placed close to each other will snap together. This could cause personal injury.

### CAUTION

Large magnetic catches are installed on active or passive panels and adjacent panels. This is to stop handle from hitting adjacent panel when opened. Large magnetic catches must be positioned to provide enough clearance between panels for the hardware handle. Verify position of magnetic catches and handle clearance before installation. Failure to install or properly position magnetic catches will result in property damage.

### IMPORTANT

Provided magnetic catches are for installation on the exterior. Magnetic catches can be installed on the top or bottom of panels. The provided Installation Layout shows which panels get magnetic catches.

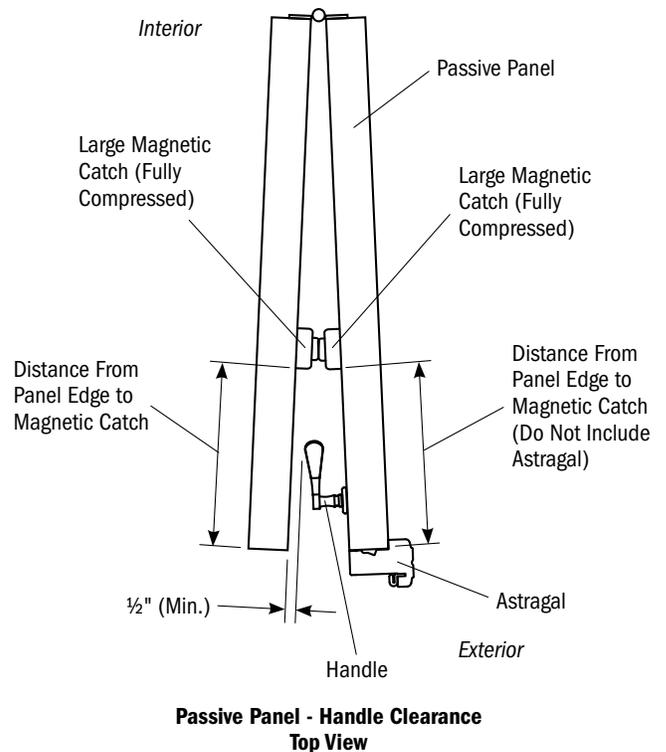
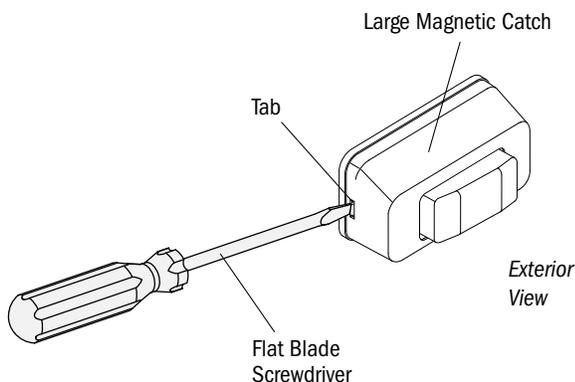
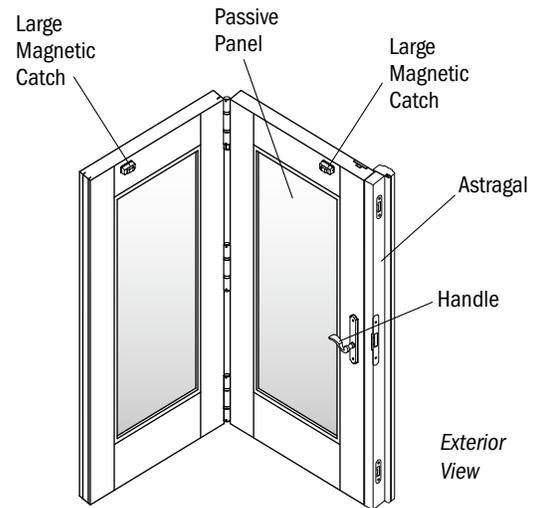
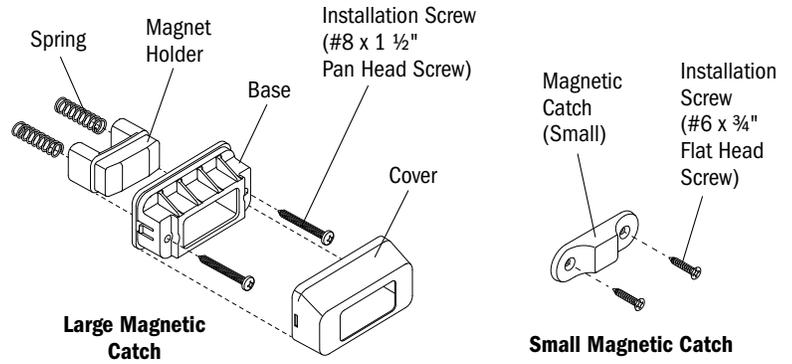
### IMPORTANT

When measuring panels with astragals for magnetic catch location, do not include the astragal in the measurement.

### IMPORTANT

Make sure the magnetic catches you place on opposing door panels attract not repel each other.

- Remove cover from large magnetic catches with a flat blade screwdriver. Push the tabs in on both sides of the magnetic catch and separate the cover from the base. Do not lose any parts.

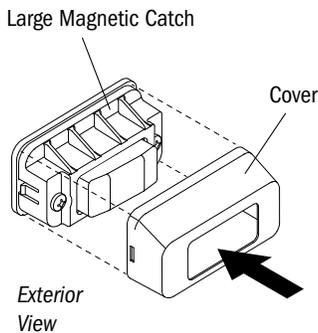
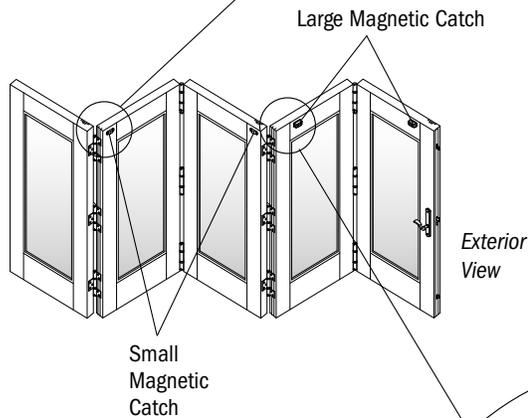
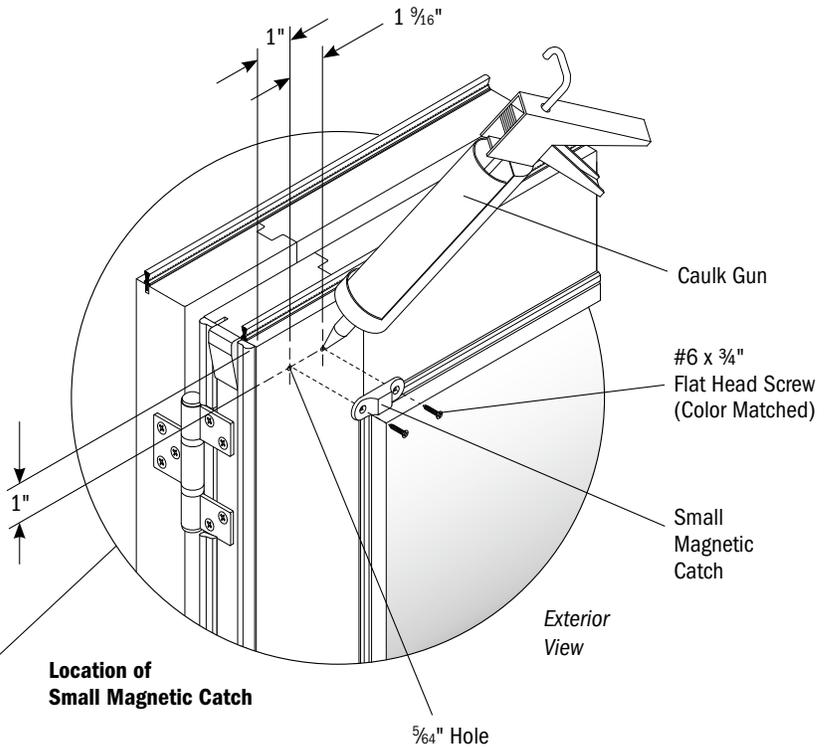


## 10. Install Magnetic Catches (continued)

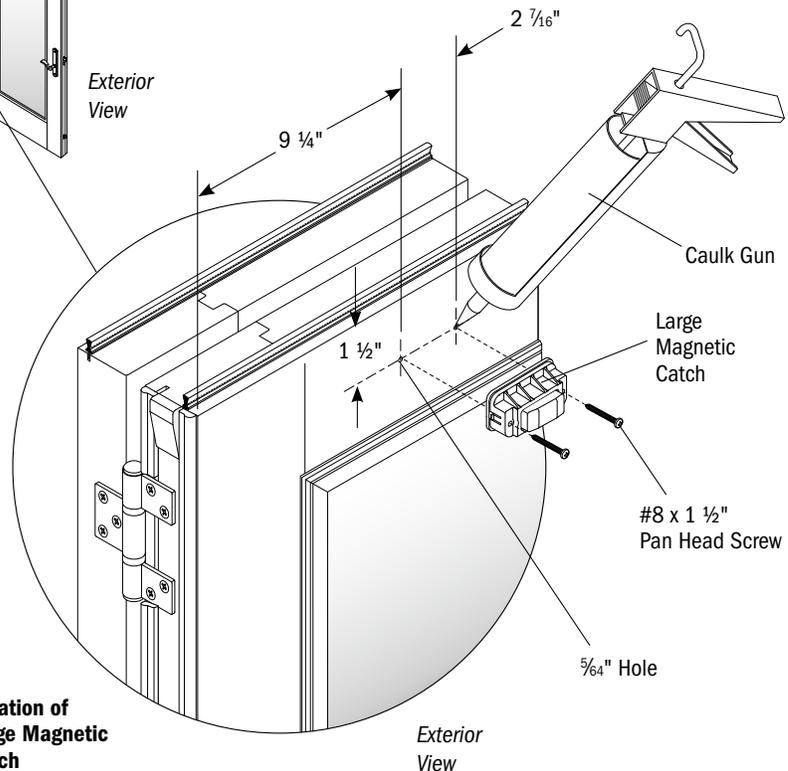
### IMPORTANT

This specified position of the large magnetic catches is for Andersen® provided handles only. Adjust position of magnetic catches for other handles.

- Pre-drill door panels with  $\frac{5}{64}$ " drill bit by 1" deep based on small or large magnetic catch hole locations. See drawings. Measurements for hole locations are taken from edge of panel. Use a level to check that holes are level on panel.
- Inject a small amount of sealant into each hole.
- Secure magnetic catches to door panels with provided screws. Make sure springs stay in location in large magnetic catches.
- Snap covers back onto large magnetic catches.



Location of Large Magnetic Catch



## 11. Install Trim Set(s)

### For Active and Passive Doors

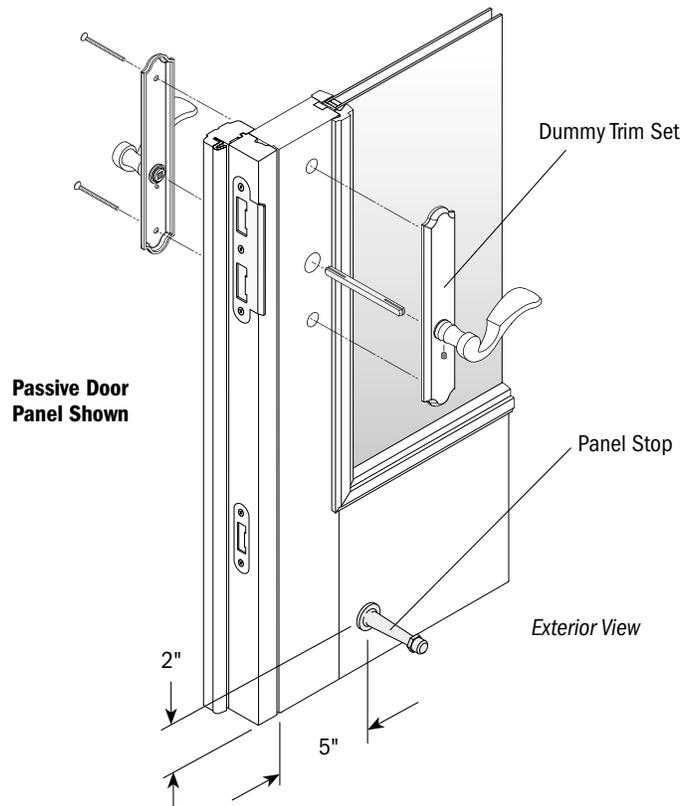
#### CAUTION

If not installing large magnetic catches, the panel stop must be installed to protect the hardware and panels. Failure to properly position magnetic catches or panel stop will result in property damage.

#### IMPORTANT

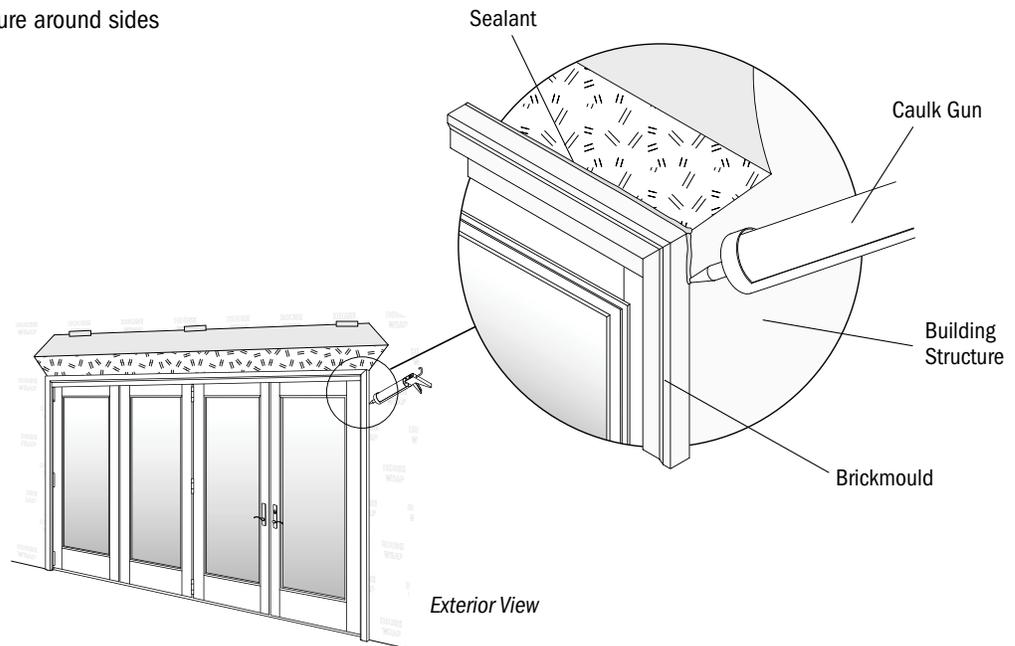
Construction lock available for operation of door unit during construction period.

- For factory supplied multi-point trim set, install trim set as directed by supplied instructions. For dummy trim set, follow instructions for passive trim set.
- Install panel stop(s) on exterior of door panel(s) with trim set(s) to protect trim set and adjacent door panel. Panel stop(s) can be installed on panel with trim set or adjacent panel and at head or sill.



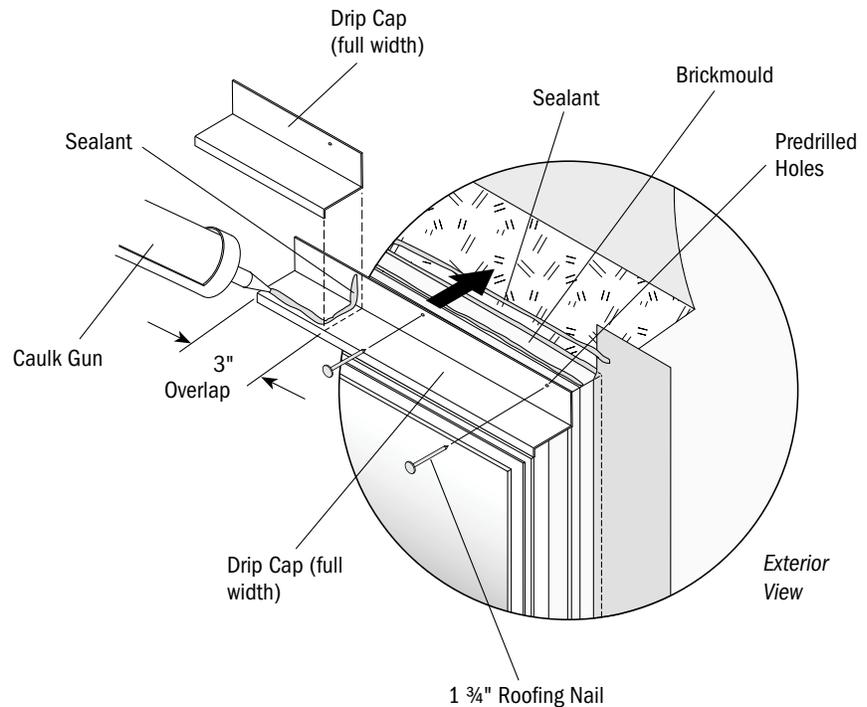
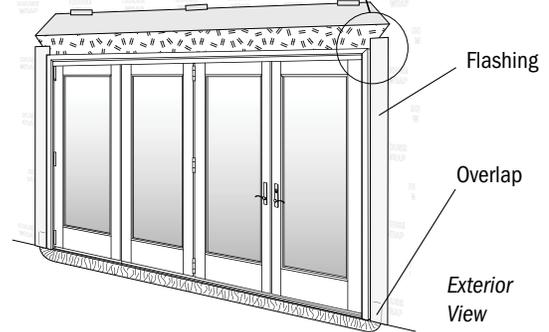
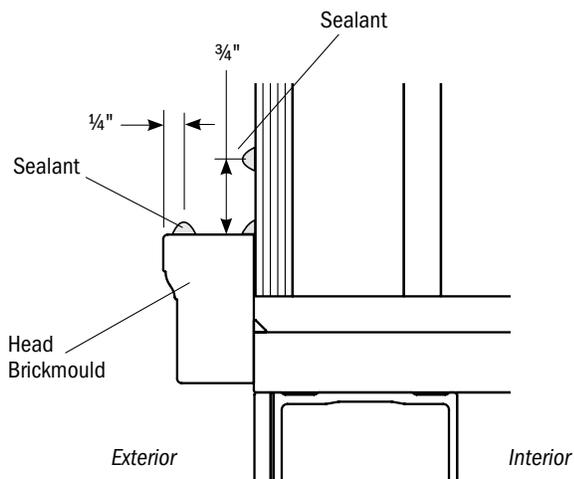
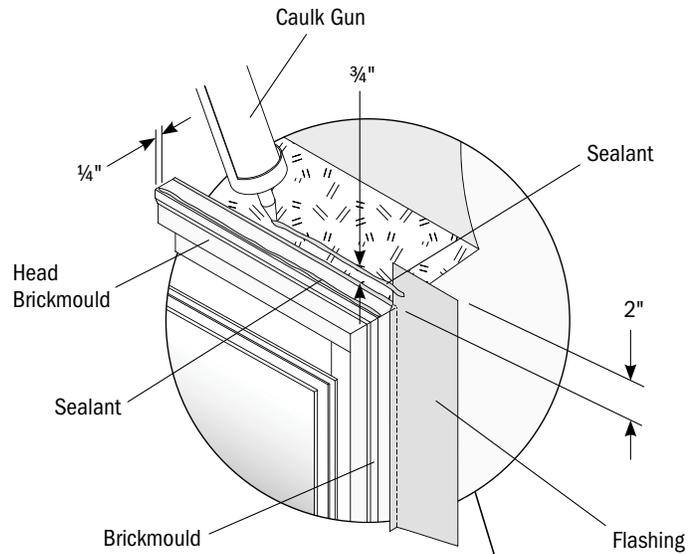
## 12. Flash and Seal Unit

- Apply a continuous fillet bead of sealant between brickmould and building structure around sides and head.



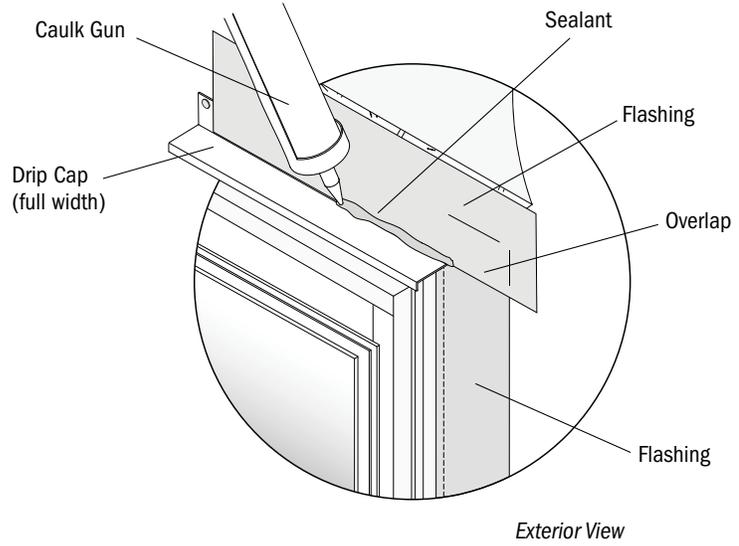
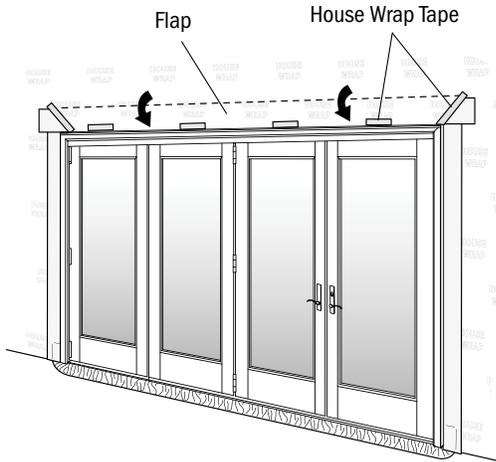
## 12. Flash and Seal Unit (continued)

- Apply flashing onto brickmould along sides of unit overlapping sill flashing and extending 2" above head brickmould.
- Apply a  $\frac{3}{8}$ " bead of sealant  $\frac{3}{4}$ " above head brickmould and along top edge of head brickmould  $\frac{1}{4}$ " from front edge.
- Place drip cap (full width) in sealant on head brickmould, centered over unit. Secure to building structure using 1  $\frac{3}{4}$ " roofing nails through the predrilled holes. If drip cap (full width) requires more than 1 piece, overlap 3" and apply sealant between overlapped pieces.



**12. Flash and Seal Unit (continued)**

- Apply flashing over drip cap (full width) leg at head overlapping flashing at sides.
- Apply sealant between flashing and drip cap (full width) along head.
- Fold house wrap flap down at head and secure with house wrap tape.



Exterior View

Exterior View

### 13. Insulate Unit

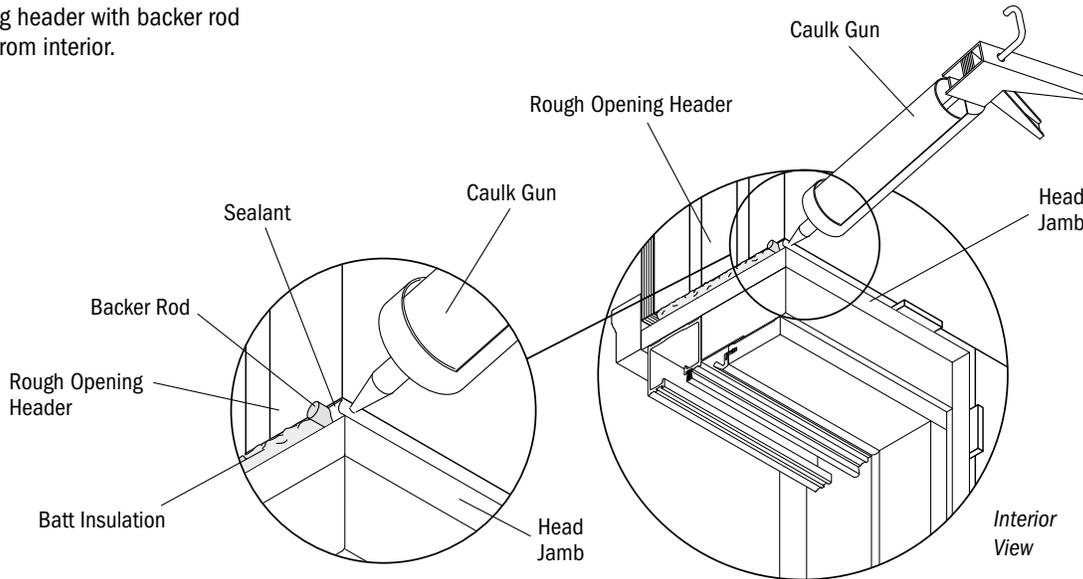
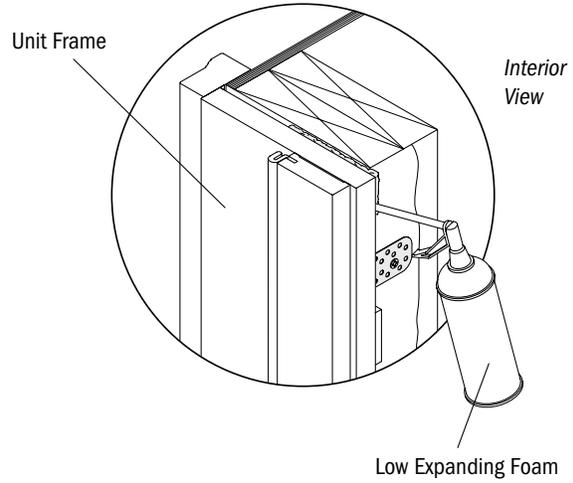
#### CAUTION

When insulating between unit frame and rough opening, or between units when joining, do not overpack batt insulation or overfill with foam. Bowed jambs will result affecting product performance and/or proper operation of unit.

#### CAUTION

Only use batt insulation between unit head jamb and rough opening header. Using expanding foam between head jamb and rough opening header will affect product performance.

- Insulate between unit frame and rough opening on all sides. **DO NOT** overpack batt insulation or overfill with low expanding foam; bowed frame may result.
- Seal gap between unit head frame and rough opening header with backer rod and sealant from interior.

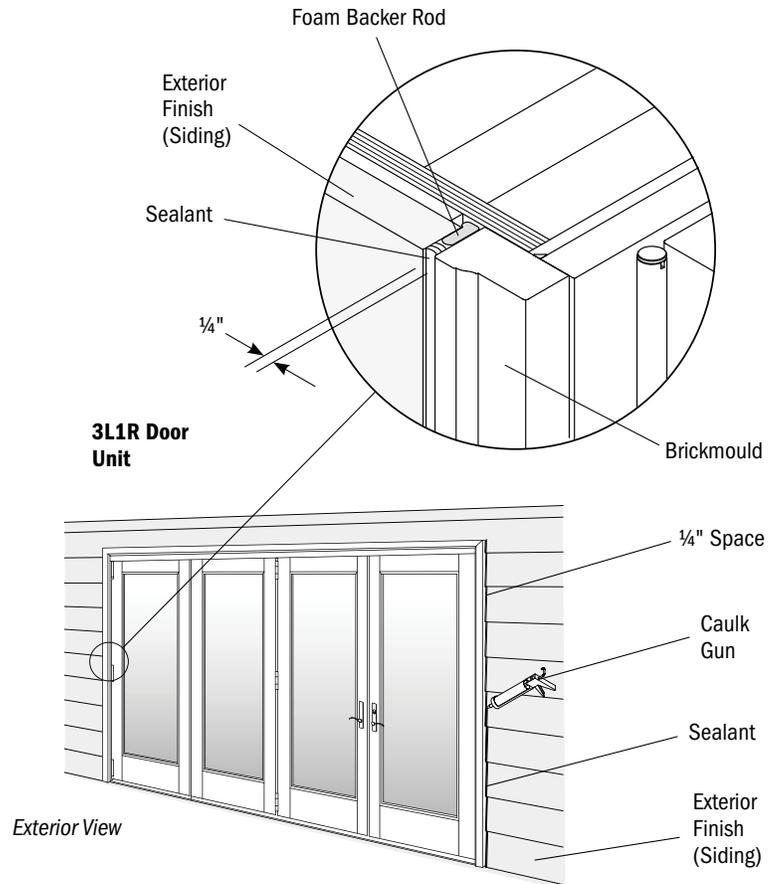


## 14. Apply Exterior Finish and Seal

### IMPORTANT

Use foam backer rod to seal and reduce depth of gap before filling with sealant. Follow sealant manufacturer's instructions.

- Apply exterior finish leaving  $\frac{1}{4}$ " space between brickmould and exterior finish.
- Apply foam backer rod and a continuous bead of sealant around exterior perimeter of head and side jambs between brickmould and exterior finish, filling the  $\frac{1}{4}$ " space. Do not seal along exterior sill.



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