IMPORTANT SAFETY AND PRODUCT INFORMATION – DOORS

CAUTION: Many doors in older homes are painted with lead-based paint. Removal of old doors may disturb this paint. Proper precautions must be taken to minimize exposure to dust and debris. Consult state or local authorities and/or go to **www.epa.gov/lead** for more information.

WARNING: To ensure safety and security and help prevent property damage, including possible damage to your window or door, close and lock windows and doors any time they are not being used for venting on a nice day, and particularly during high winds or rain.

IMPORTANT NOTICE

Because all construction must anticipate some water infiltration, it is important that the wall system be designed and constructed to properly manage moisture. Pella Corporation is not responsible for claims or damages caused by anticipated and unanticipated water infiltration; deficiencies in building design, construction and maintenance; failure to install Pella products in accordance with Pella's installation instructions; or the use of Pella products in wall systems which do not allow for proper management of moisture within the wall systems. The determination of the suitability of all building components, including the use of Pella products, as well as the design and installation of flashing and sealing systems are the responsibility of the Buyer or User, the architect, contractor, installer, or other construction professional and are not the responsibility of Pella.

Pella products should not be used in barrier wall systems which do not allow for proper management of moisture within the wall systems, such as barrier Exterior Insulation and Finish Systems (EIFS) (also known as synthetic stucco) or other non-water managed systems. Except in the states of California, New Mexico, Arizona, Nevada, Utah and Colorado, Pella makes no warranty of any kind on and assumes no responsibility for Pella windows and doors installed in barrier wall systems. In the states listed above, the installation of Pella Products in barrier wall or similar systems must be in accordance with Pella's installation instructions. Product modifications that are not approved by Pella Corporation will void the warranty.

CARE AND MAINTENANCE

Care and maintenance information is available by contacting your local Pella retailer. This information is also available at **www.Pella.com**.

CLEANING INSTRUCTIONS

GLASS—Remove any protective film and labels and clean the glass, using a soft, clean, grit-free cloth and mild soap or detergent. Be sure to remove all liquid by wiping dry or use a clean squeegee.

FACTORY FINISHED PRODUCT: Pella Product that has been prefinished with stain or paint from the factory requires no additional finishing. Clean the surface with mild soap and water.

PELLA® ALUMINUM CLAD OR IMPERVIA FRAMES: The interior and exterior frame and panels are protected with a tough factory finish. Clean this surface with mild soap and water. Stubborn stains and deposits may be removed with mineral spirits. DO NOT use abrasives. DO NOT scrape or use tools that might damage the surface.

ENCOMPASS BY PELLA® DOOR FRAMES: The vinyl frame may be cleaned using the same method as the glass. For stubborn dirt, a "non-abrasive" cleaner such as Bon-Ami® or Soft Scrub® may be used. Do not use solvents such as mineral spirits, toluene, xylene, naphtha or muriatic acid as they can dull the finish, soften the vinyl and/or cause failure of the insulated unit seal. Keep door tracks clear of dirt and debris. Keep weep holes open and clear of obstructions.

DO NOT use abrasives. DO NOT scrape or use tools that might damage the surface.

NOTICE: DO NOT use inappropriate solvents or brickwash or cleaning chemicals. If you do, permanent damage can result and the product failure, loss or damage would not be covered by the Limited Warranty.

FINISHING INSTRUCTIONS (WOOD PATIO DOORS AND FIBERGLASS ENTRY DOORS)

Paint or finish immediately after installation.

If products cannot be finished immediately, cover with clear plastic to protect from dirt, damage and moisture. Remove any construction residue before finishing. Sand all wood surfaces lightly with 180 grit or finer sandpaper. DO NOT use steel wool. BE CAREFUL NOT TO SCRATCH THE GLASS. Remove sanding dust. Pella products must be finished according to these instructions; failure to follow these instructions voids the Limited Warranty. Finishing panel edges is optional for Patio Doors.

Note: To maintain proper product performance do not paint, finish or remove the weatherstripping, mohair dust pads, gaskets or vinyl parts. Air and water leakage will result if these parts are removed. After finishing, allow venting Doors and doors to dry completely before closing them. If paint, stain or finish gets on the weatherstripping, wipe it off immediately with a damp cloth.

Panel Cleaning and Prep Instructions for Unfinished or Primed Panels: Dry wipe dust from doors gently. Examine door for possible smudges or fingerprints made from normal handling or construction. To remove smudges, lightly wipe surface with warm water. DO NOT sand surface of fiberglass panel. Scuff sand with light grade sand paper or abrasive pad (220 grit or higher). Rinse surface with mineral spirits for fiberglass panels and warm water for steel panels. Let door and sidelight surfaces dry completely before applying finish. Finish the door panels as soon as possible after installation.

STAINING FIBERGLASS PANELS OR UNFINISHED INTERIOR FRAME MEMBERS: Fiberglass door and sidelight panels may be stained with a gel stain if a wood look is desired. Pella offers stain kits in a variety of colors. Apply and finish per the stain kit manufacturer's instruction. Ensure that all exposed panel edges are finished to minimize the chance of damage.

Unprimed interior frame parts may be stained with wood stains and should be finished with a minimum of two coats of a clear polyurethane finish. DO NOT bridge the top coat between the outer edge of the glazing frame and the door panel.

Note: The fiberglass base color tone will vary. This variance is normal and will not impact the stain color of the door.

PAINTING INSTRUCTIONS: Wood door frame exteriors, premium steel door panels and sidelights are factory primed. Wood doors require painting immediately after installation. The factory applied primer is not intended for long term exterior exposure. Sand all un-primed interior wood surfaces lightly with 180 grit or finer sandpaper before priming and painting. Fiberglass door and sidelight panels do not require priming. Use two coats of a 100% latex paint that has a good blocking resistance. On units with glass, do not bridge paint between the outer edges of the glazing frame and the door panel. On fiberglass products, brush the paint in the same direction as the simulated wood grain. For entry doors, ensure that all exposed panel edges are finished to minimize the chance of panel damage. Finishing panel edges is optional for Patio Doors.

Pella Corporation is not responsible for interior paint and stain finish imperfections for any product that is not factory-applied by Pella Corporation. For additional information on finishing see the Pella Owner's Manual or go to **www.Pella.com**.

The use of unapproved finishes, solvents or cleaning chemicals may cause adverse reactions with door materials. Pella will not be responsible for problems caused by the use of unapproved materials. If in doubt, contact your local retailer or representative.

EXTERIOR FINISH OF EXISTING FRAME (POCKET REPLACEMENT)

It is the responsibility of the homeowner, contractor or installer to ensure any exposed unfinished wood is covered or finished. Possible methods include, however are not limited to, covering with aluminum coil stock or painting.

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PREPARING FOR HINGED DOOR INSTALLATION WITH NAIL FIN

YOU WILL NEED TO SUPPLY:

- Moisture resistant shims/spacers (12 to 20)
- 1-1/2" galvanized roofing nails (1/4 lb.)
- #10 x 3-1/2" corrosion resistant wood screws (Performance Upgrade & Impact-Resistant)
- Masonry screws for concrete applications (Minimum of 3/16" diameter x 3")
- Closed cell foam backer rod/sealant backer (21 to 30 ft.)
- Pella® SmartFlash™ foil backed butyl window and door flashing tape or equivalent
- Pella Window and Door Installation Sealant or equivalent high quality, multi-purpose sealant
- Low Expansion, low pressure polyurethane insulating window and door foam sealant DO NOT use high pressure or latex foams
- Sill pan (optional) 6-5/8" x (Rough Opening Width +2)
- Pella aluminum sill support or wood blocking
- Interior trim and/or jamb extensions (15 to 40 ft.)

INSTALLATION CLIP OPTION:

- 6" or 8" installation clips
- #6 x 5/8" corrosion resistant flat head wood screws
- #8 x 1-1/2" corrosion resistant screws or 3/16" x 1-1/2" masonry screws

TOOLS REQUIRED:

- Tape measure
- Level
- Square
- Hammer
- Stapler
- Sealant Gun
- Scissors or utility knife
- Tin Snips
- Screwdrivers (#2 Phillips with 8" shaft and small flat blade)
- T20 Torx Wrench
- Drill
- Drill Bits 13/64" and 1/8" and masonry bit for concrete applications

INSTALLATION WILL REQUIRE (2) OR MORE PERSONS FOR SAFETY REASONS.

Store doors in upright position, out of direct sunlight.

ROUGH OPENING VERIFICATION

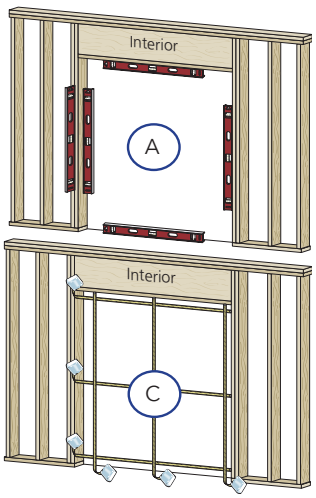
A. **Confirm the opening is plumb and level.**

NOTE: It is critical the bottom is level and it does not slope to the interior or exterior.

B. **Remove dirt, oil or debris from the opening and surrounding wall surfaces.**

C. **Confirm the door will fit the opening.** Measure all four sides of the opening to make sure it is 1/2" to 3/4" larger than the door in both width and 1/2" larger in height. Measure the width and height in several places to ensure the header or studs are not bowed.

NOTE: 1-1/2" or more of solid wood blocking is required around the perimeter of the opening. Fix any problems with the rough opening before proceeding.

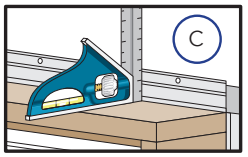


PREPARE THE DOOR FOR INSTALLATION

A. **Remove plastic wrap and cardboard packaging from the door.** DO NOT open the door until it is securely fastened. DO NOT cut the strap that goes from the lock holes to the sill of the door (if applicable).

B. **Inspect the product for any damage** such as cracks, dents or scratches. DO NOT install damaged products.

C. **Fold out installation fin to 90° (units with fold up fin only).** Be careful not to remove or tear the fin corners.



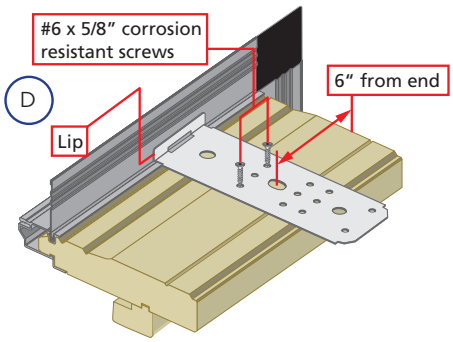
NOTE: If the fin is not at 90°, the door will not line up correctly on the interior.

D. **Curved Units with Fins:** Install clips on wood with non-structural flex fins or pre-drill holes for frame screws. See nail fin anchor instructions at the end of this booklet.

Units with wide EnduraClad Exterior trim and narrow fins with NO pre-punched holes: Install clips or pre-drill holes for frame screws.

See nail fin anchor instruction at the end of this booklet.

Additional preparation may be required for performance upgrade, impact resistant products or to comply with local building code requirements. See advanced performance or Impact-Resistant anchor schedule.

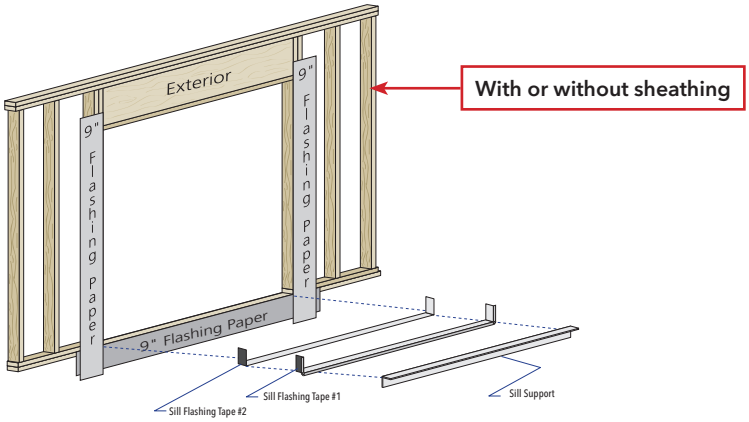


E. **Read the entire instruction before proceeding.**

These instructions were developed and tested for use with wall systems designed to manage water. ***These instructions are not to be used with any other construction methods or door frame types.*** Installation instructions for use with other construction methods or frame types may be obtained from Pella® Corporation, your local Pella retailer or ***www.installpella.com.*** Building designs, construction methods, building materials, and site conditions unique to your project may require an installation method different from these instructions and/or additional care. Determining the appropriate installation method is the responsibility of you, your architect, or construction professional.

BY PURCHASING, INSTALLING OR USING PELLA PRODUCTS (INCLUDES PELLA GOODS AND PELLA SERVICES), YOU AGREED TO THE TERMS OF THE LIMITED WARRANTY AND YOU AND PELLA FURTHER AGREE TO ARBITRATE DISPUTES ARISING OUT OF OR RELATING TO PELLA PRODUCTS, AND YOU WAIVE ANY RIGHT TO PARTICIPATE IN A CLASS ACTION RELATED TO PELLA PRODUCTS unless you notify Pella of your decision to opt out of the Arbitration Agreement no later than ninety (90) calendar days from the date you purchased or otherwise took ownership of Your Pella Goods. Opting out of the Arbitration Agreement will not affect the coverage provided by any applicable limited warranty pertaining to Your Pella Products. For opt out information and additional details please read the Limited Warranty and Arbitration Agreement for your Pella Products at www.Pella.com/arbitration.

NEW CONSTRUCTION INSTALLATION WITH NAIL FIN BEFORE BUILDING WRAP



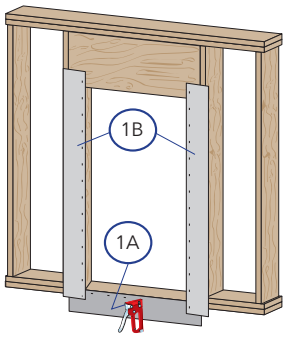
1 PREPARE THE OPENING

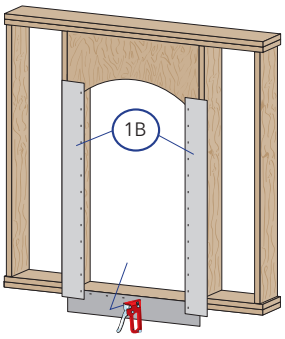
Refer to the nail fin installation preparation section at the beginning of this booklet.

A. **Apply flashing paper at the bottom.** Cut one piece of 9" minimum width flashing paper 18" longer than the width of the opening. Staple it flush with the top of the sill plate.

NOTE: bottom flashing paper is not required on concrete floors.

B. **Apply flashing paper to the sides.** Cut 2 pieces of 9" minimum width flashing paper 18" longer than the longest straight side of the opening. Center the flashing paper with the opening height and staple one piece flush with the inside edge on both sides.





If using an optional sill pan, refer to the sill pan instruction page at the end of this booklet.

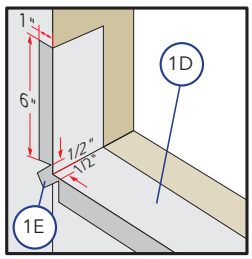
C. **Cut 2 pieces of flashing tape** 12" longer than opening width.

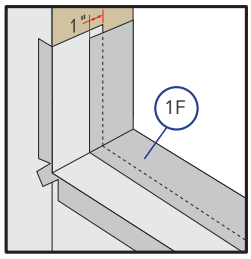
D. **Apply sill flashing tape #1** at the sill extending 1" to the exterior and 6" up each jamb.

E. **Cut 1" wide tabs at each corner** by tearing the foil 1/2" each way from corner.

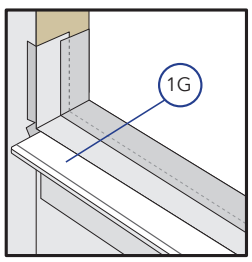
F. **Apply sill flashing tape #2** overlapping tape #1 by 1" minimum.

NOTE: Press all tape down firmly.



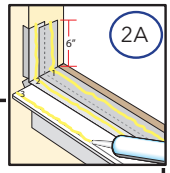


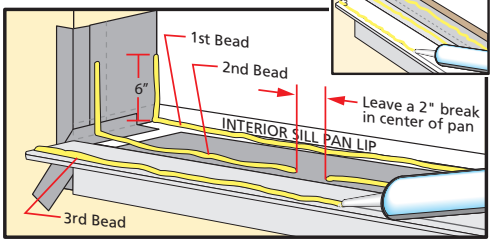
G. **Attach a Pella aluminum sill support** or wood blocking flush with the opening sill.



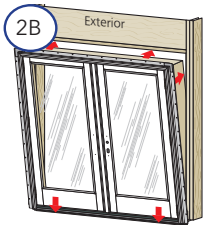
2 SETTING AND FASTENING THE DOOR

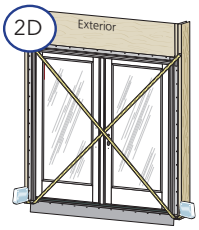
A. **Place three 3/8" beads of sealant across the opening sill.** Place the interior-most bead 1/2" from where the interior of the door sill will remain after installation. Continue this bead 6" up each jamb. Place a second bead 1/2" from the exterior of the framing. Place a 3rd bead in the groove of the sill support or 1/4" from the exterior edge of the wood blocking.





B. **Center the bottom of the door in the opening** and tilt the door into position. Do not slide the door into the opening. Sliding will damage the sealant lines.

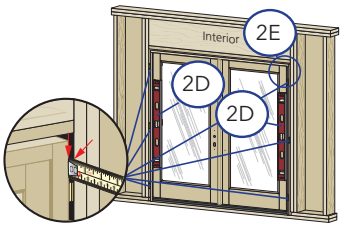




CHECK THE HINGE JAMBS FOR PLUMB AND CONFIRM THERE IS ROOM FOR SHIMMING BETWEEN THE JAMBS AND OPENING ON EACH SIDE.

C. **Drive two fasteners,** one near each end of the top nailing fin. (See nail fin anchor instructions at the end of this booklet)

D. **Plumb and square the door.** Place shims at each hinge and lock strike. Keep shims 1/2" short of door frame depth. Insert additional shims starting 6" from the bottom as needed to keep jambs straight and panel reveals even on all four sides.



NOTE: Additional shims are required at screw locations for advanced performance, impact resistant units and combinations. See the nail fin anchor instructions at the end of this booklet.

E. **Check the door placement by measuring** from the interior surface of the door frame or jamb extension to the interior surface of the wall for consistency. If the dimensions are not equal, confirm the fins are folded fully to 90° (if applicable).

F. **Finish driving fasteners** into the nailing fin. Refer to the nail fin anchor instructions at the end of this booklet.

G. **Check door operation.**

Carefully open the door(s) and remove the shipping spacers (check under the door panel(s)) Use the construction handle to operate the panel(s).

To operate flushbolts, see the instruction label on the astragal strike (if applicable).

NOTE: Adjust shims to correct any issues with plumb, square, operation or reveal.

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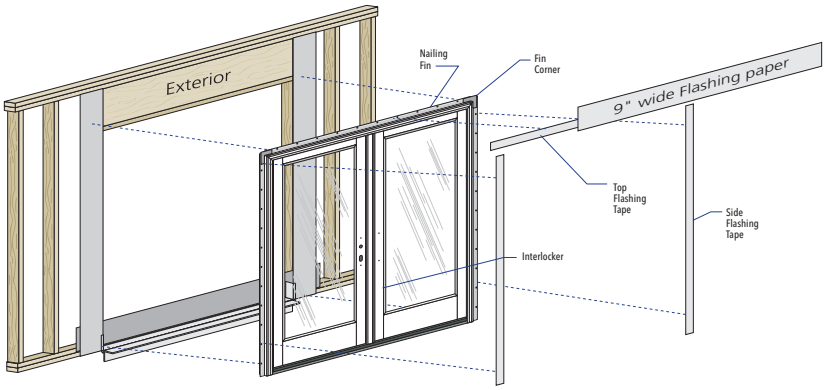
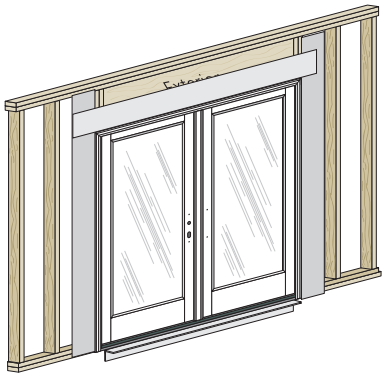




2 SETTING AND FASTENING THE DOOR (CONTINUED)

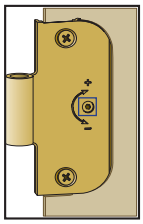
H. **Pre-drill and drive screws at hinges,** head and sill strikes or jamb strikes, threshold or low-profile sill and frames. See the nail fin anchor instructions at the end of this booklet.

I. **Open and close the door to check operation.** Make sure the door will latch correctly. If there are problems with operation adjust the shims and hinges (see below) and confirm the door frame is plumb, level and square and the gap between the door panel(s) and frame is consistent.

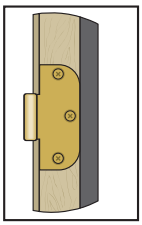
J. **Adjustable hinges can be used to move the panel(s).** Turn the center screw with a T20 Torx wrench clockwise (+) to move the panel away from the frame or counter-clockwise (-) to move the panel toward the frame. A 3/4 turn provides approximately 5/32" adjustment.

Do not adjust the hinges if the top and bottom hinge screws are loose.

K. **Doors without adjustable hinges have plastic shims behind the hinges;** remove shims to move the panel toward the frame. Additional shims may be added to move the panel away from the frame.



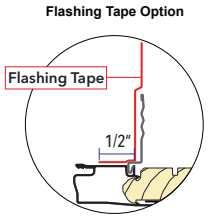
Adjustable Hinge

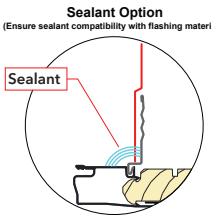


Non-Adjustable Hinge

3 INTEGRATING WITH THE BUILDING WRAP

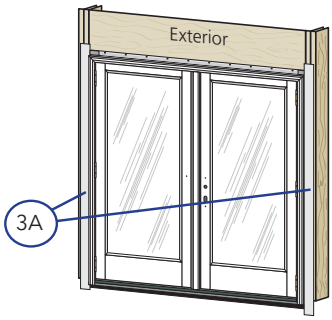
NOTE: For fold-up or slide-in fins, seal the fin to frame joint by either applying flashing tape 1/2" onto the frame, or sealing the joint with installation sealant after placing flashing tape.

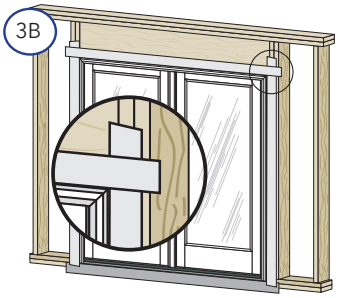




A. **Apply straight side flashing tape.** Cut two pieces of flashing tape 4" taller than straight sides. Apply tape over the fin and onto weather resistive barrier. Extend tape 2" above and below straight sides.

Doors with angle top transoms or curved tops: On the short side, do not allow the side tape to extend higher than what the top tape will cover.



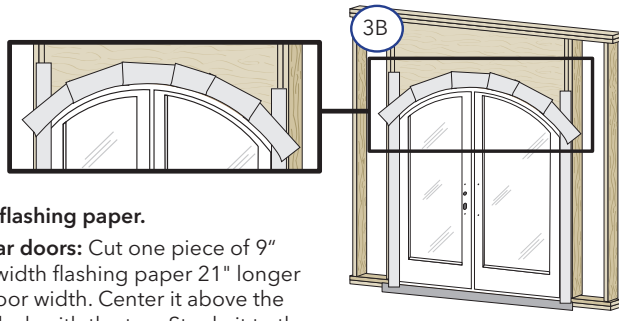


B. **Apply top flashing tape.**

Rectangular Units: Cut one piece of flashing tape to extend 1" past both side flashing tapes.

Curved Top Units: Using several short pieces, start taping from the sides of the door working towards the peak. Cut each piece short enough so each piece overlaps the previous piece. Tighter curved frames will require shorter pieces of tape.

NOTE: PRESS ALL FLASHING TAPE DOWN FIRMLY.



C. **Apply top flashing paper.**

Rectangular doors: Cut one piece of 9" minimum width flashing paper 21" longer than the door width. Center it above the door and flush with the top. Staple it to the header.

Shaped Doors: Cut one piece of flashing paper long enough to overlap the side flashing paper by 2" on each side. Cut the bottom of the paper to match the shape of the door (curved only). Center it above the door and flush with the top. Staple it to the header. Ensure the top of the side flashing paper is completely covered by the top flashing paper on each side. Apply multiple pieces of top flashing paper if necessary overlapping them 6" in watershed fashion.

NOTE: When apply building paper to the wall, ensure the sill flashing paper overlaps the building paper to create a watershed effect.

D. **Install interior sealant.** Refer to the interior sealant instructions at the end of this booklet.

H. **Install head flashing,** properly incorporating it with the siding and building wrap according to applicable code requirements.

I. **Install exterior sealant** (after wall cladding is installed). Refer to the exterior sealant instructions at the end of this booklet.

Revised 12/30/2022
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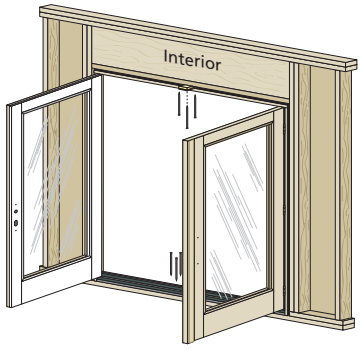
ANCHOR INSTRUCTIONS - NAIL FIN INSTALLATION METHODS FOR CLAD EXTERIOR ARCHITECT SERIES® AND PELLA® LIFESTYLE SERIES DOORS

NOTE: Standard performance only. Additional anchoring may be required for performance upgrade, impact resistant products or to comply with local building code requirements.

Anchor Location		Venting	Anchor Type		Instructions	Illustration
			Wood	Masonry		
Head and Jamb Nail Fin		Any	1-1/2" 11 Ga. Roofing Nail	NA	Every pre-punched hole	
Head	Frame	Vent	#8 x 3" corrosion resistant (provided)		For Doors ordered with no lock/no bore, place 1 screw in each pre-drilled hole (if present).	
	Strike	Active/Fixed 1-Panel Vent	(1) #8 x 3" stainless steel (provided)		Remove temporary strike screw(s) and place a dab of sealant in each hole before installing the new screws.	A
		Active/Passive	(3) #8 x 3" stainless steel (provided)		Remove temporary strike screw(s) and place a dab of sealant in each hole before installing the new screws.	A
	Frame	Door/Sidelight Combinations	#10 x 3" corrosion resistant	3/16" Masonry Screw	Pre-drill and install screws 3" and 6" on each side of the mullion end.	E, I
Jambs	Hinges	Out-Swing	#12 x 2-1/2" corrosion resistant (provided)		Pre-drill and drive screws into rough opening or sidelight.	B
		In-Swing	#8 x 3" corrosion resistant (provided)		Pre-drill and drive screws into rough opening or sidelight.	B
	Strike	Vent	#8 x 3" (provided)		Shim between the frame and rough opening at the strike.	D
Sill	Threshold	Vent	#8 x 3" stainless steel (provided)	3/16" Masonry Screw	Remove temporary screws before installing new screws	C, E
	Strike	Active/Fixed 1-Panel Vent	(1) #8 x 3" stainless steel (provided)		Remove temporary strike screw(s) and place a dab of sealant in each hole before installing the new screws.	A
		Active/Passive	(3) #8 x 3" stainless steel (provided)		Remove temporary strike screw(s) and place a dab of sealant in each hole before installing the new screws.	A
	Low Profile	Vent	#8 x 3" corrosion resistant(provided)	3/16" x 2" Masonry Screw	For doors with standard locks, install tubs per instruction included with sill strike package	C
	Threshold	Door/Sidelight Combinations	#10 x 3" corrosion resistant	3/16" x 3" Masonry Screw	Pre-drill and install screws 3" and 6" on each side of the mullion end.	E



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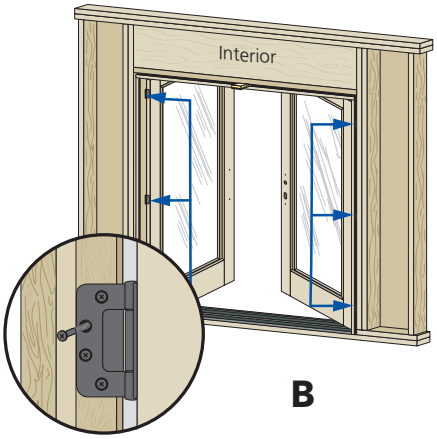

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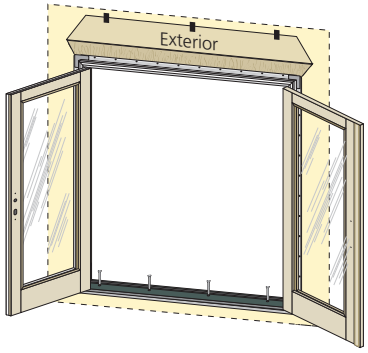

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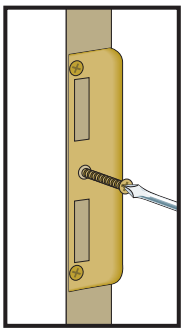

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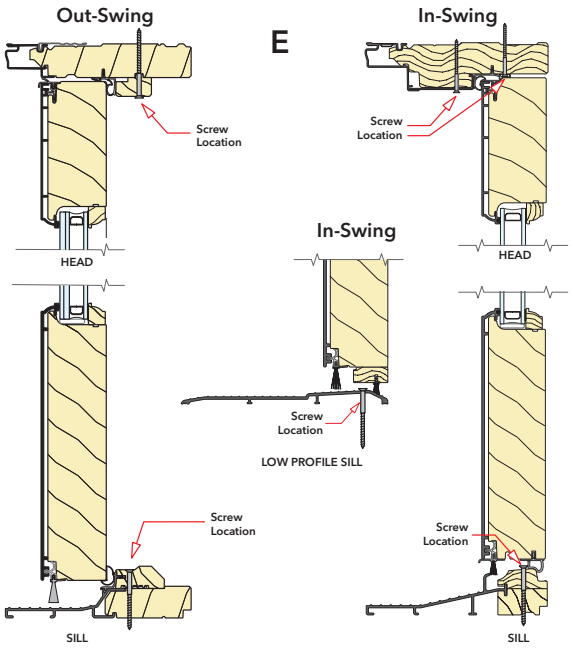

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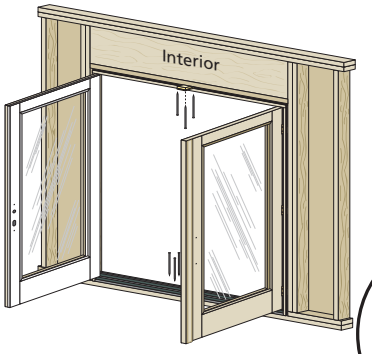
ANCHOR INSTRUCTIONS – ARCHITECT SERIES® AND PELLA® LIFESTYLE SERIES PATIO DOORS WITH WIDE ENDURACLAD® EXTERIOR TRIM, NARROW FINS AND NO PRE-PUNCHED HOLES

NOTE: Standard performance only. Additional anchoring may be required for performance upgrade, impact resistant products or to comply with local building code requirements.

UNITS WITH NARROW FINS AND NO PRE-PUNCHED HOLES MUST BE ANCHORED USING FRAME SCREWS OR INSTALLATION CLIPS. THESE FINS ARE FOR FLASHING PURPOSES ONLY.

Anchor Location		Venting	Anchor Type		Instructions	Illustration
			Wood	Masonry		
Head	Strike	Active/Fixed 1-Panel Vent	(1) #8 x 3" stainless steel (provided)		Remove temporary strike screw(s) and place a dab of sealant in each hole before installing the new screws.	A
		Active/Passive	(3) #8 x 3" stainless steel (provided)		Remove temporary strike screw(s) and place a dab of sealant in each hole before installing the new screws.	A
	Frame	Vent	#8 x 3" corrosion resistant (provided)		For Doors ordered with no lock/no bore, Place 1 screw in each pre-drilled hole (if present).	I, H
	Frame-Screws	Fixed or Vent	#10 x 3-1/2" corrosion resistant	3/16" x 3" Masonry Screw	See Illustrations	H
	Frame-Clips	Fixed or Vent	(2) #8 x 1-1/4" corrosion resistant	3/16" x 1-1/2" Masonry Screw	See illustrations for spacing, secure clip to frame using (2) #6 x 5/8" corrosion resistant screws	I, K
	Frame	Door/Sidelight Combinations	#10 x 3" corrosion resistant	3/16" Masonry Screw	Pre-drill and install screws 3" and 6" on each side of each mullion end.	I, H
Jambs	Strike	Vent	#8 x 3" (provided)		Shim between the frame and rough opening at the strike.	D
	Hinges	Out-Swing	#12 x 2-1/2" corrosion resistant (provided)		Pre-drill and drive screws into rough opening or sidelight.	B
		In-Swing	#8 x 3" corrosion resistant (provided)		Pre-drill and drive screws into rough opening or sidelight.	B
	Frame-Screws	Fixed or Vent	#10 x 3-1/2" corrosion resistant	3/16" x 3" Masonry Screw	See Illustrations. The weatherstrip may be temporarily moved to reveal the frame screw	H, I, J
	Frame-Clips	Fixed or Vent	(2) #8 x 1-1/4" corrosion resistant	3/16" x 1-1/2" Masonry Screw	See illustrations for spacing, secure clip to frame using (2) #6 x 5/8" corrosion resistant screws	I, K
Sill	Threshold	Vent	#10 x 3-1/2" corrosion resistant	3/16" x 3" Masonry Screw	Remove temporary screws before installing new screws	C, H
	Strike	Active/Fixed 1-Panel Vent	(1) #8 x 3" stainless steel (provided)		Remove temporary strike screw(s) and place a dab of sealant in each hole before installing the new screws.	A
		Active/Passive	(3) #8 x 3" stainless steel (provided)		Remove temporary strike screw(s) and place a dab of sealant in each hole before installing the new screws.	A
	Low Profile	Vent	#8 x 3" corrosion resistant (provided)	3/16" x 2" Masonry Screw	For doors with standard locks, install tubs per instruction included with sill strike package	C, H, I
	Threshold	Door/Sidelight Combinations	#10 x 3" corrosion resistant	3/16" Masonry Screw	Pre-drill and install screws 3" and 6" on each side of each mullion end.	C, H, I



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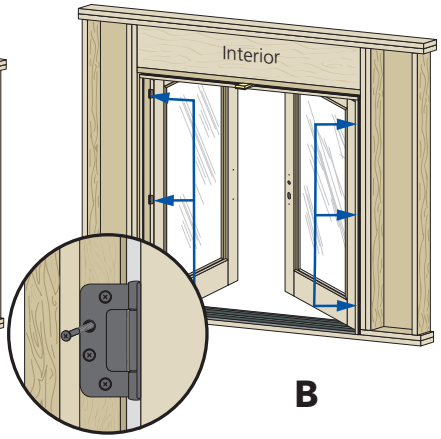

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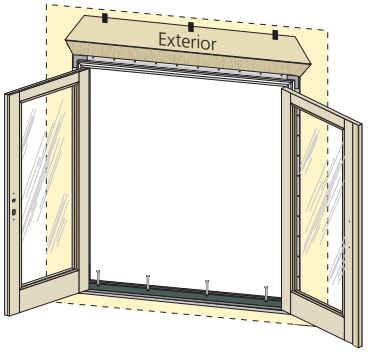
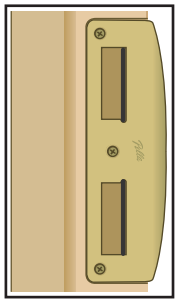


C



D

ILLUSTRATIONS CONTINUED ON NEXT PAGE

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ANCHOR INSTRUCTIONS – ARCHITECT SERIES® AND PELLA® LIFESTYLE SERIES PATIO DOORS WITH WIDE ENDURACLAD® EXTERIOR TRIM, NARROW FINS AND NO PRE-PUNCHED HOLES

NOTE: Standard performance only. Additional anchoring may be required for performance upgrade, impact resistant products or to comply with local building code requirements.

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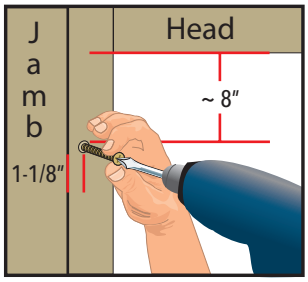

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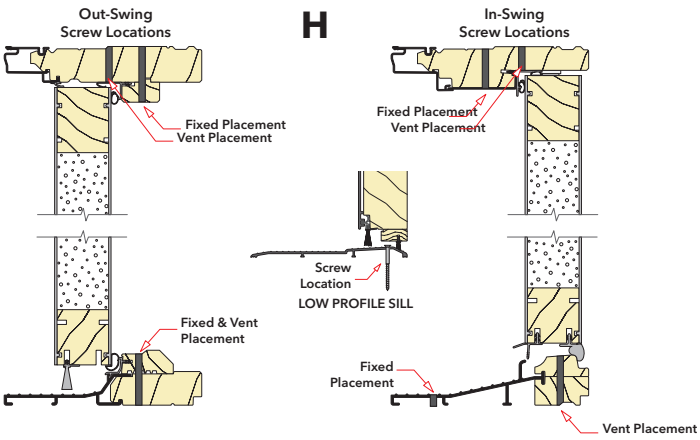
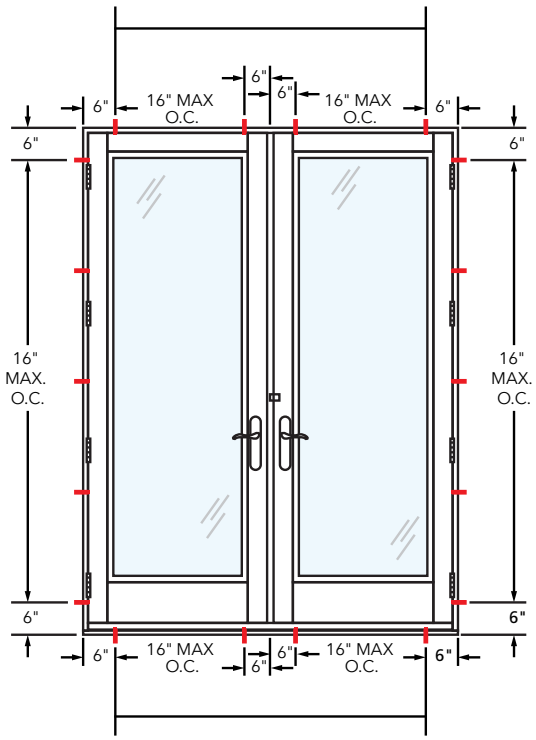
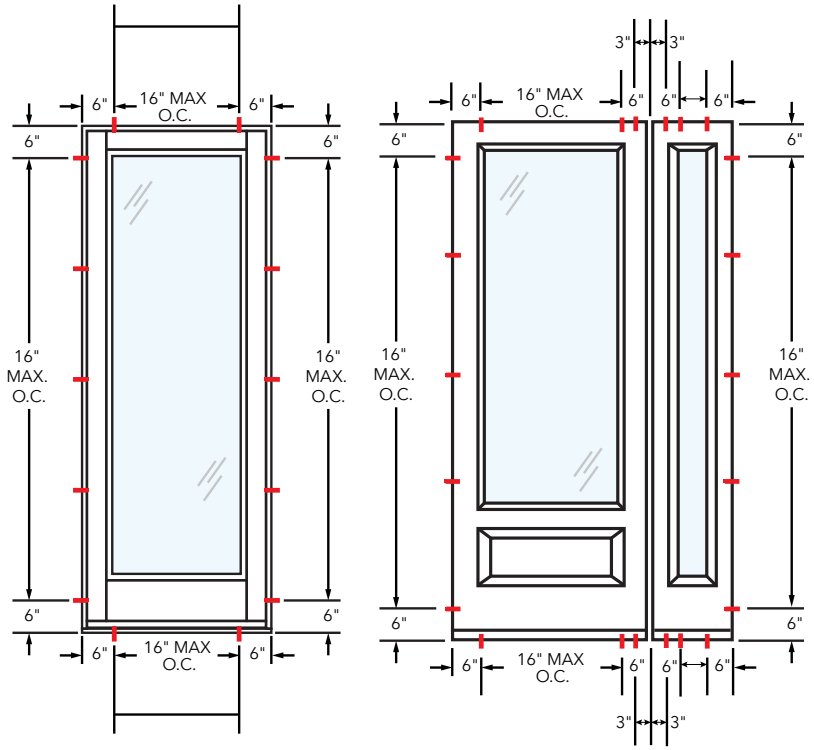


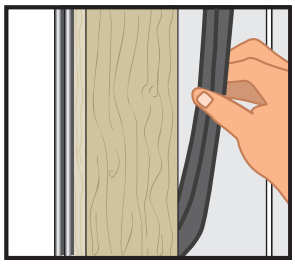
DOUBLE OPERABLE



I

SINGLE FIXED OR OPERABLE





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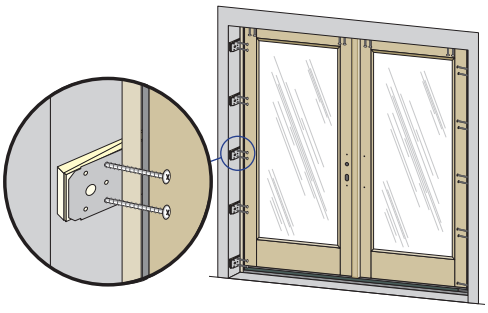

K

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Interior Sealant Instructions

CAUTION: Continuous backer rod (as necessary) and a high quality, low-odor interior sealant such as Pella Window and Door Installation Sealant (or equivalent) is recommended for commercial or high performance installations to create the continuous interior seal. Follow the directions on the cartridge. For standard performance or products with factory applied jamb extensions, use low pressure polyurethane insulating foams. Follow the directions on the can. Do not use high pressure or latex foams. Fiberglass batt or similar insulation is not recommended as it can absorb water and does not act as an air seal.

A. **Insert the nozzle or straw** between the rough opening and door frame from the interior. Use a pliers (if necessary) to compress the end of a straw tube to allow it to fit in tight openings.

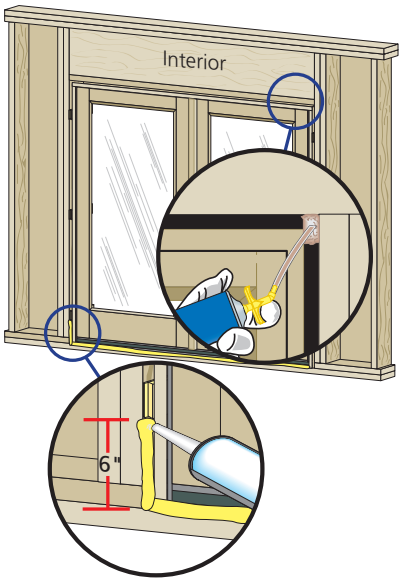
B. **Place a 1" deep bead of foam approximately 1" from the interior of the frame** to allow for expansion. DO NOT fill the entire depth of the rough opening cavity.

NOTE: Apply foam between the frame and rough opening, NOT between jamb extensions and the rough opening.

C. **Re-Check door operation** and remove remaining shipping spacers after foam installation. Excess foam may be removed with a serrated knife after it cures.

D. **To ensure a continuous interior seal,** apply sealant over or around any shims or clips interrupting the foam seal.

E. **Place a continuous bead of sealant across the inner sill at the intersection of the door sill and subfloor.** Continue the sealant 6" up each jamb.



Exterior Sealant Instructions

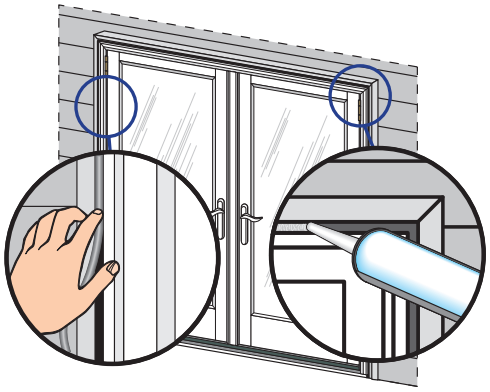
CAUTION: Use a high quality, multi-purpose exterior sealant such as Pella Window and Door Installation Sealant. Follow the directions on the cartridge.

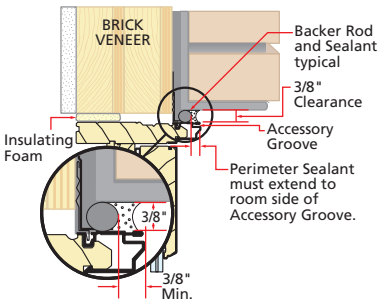
When applying siding, brick veneer, flashing, or other exterior finish materials, leave adequate space between the door frame and the material for sealant application of sealant.

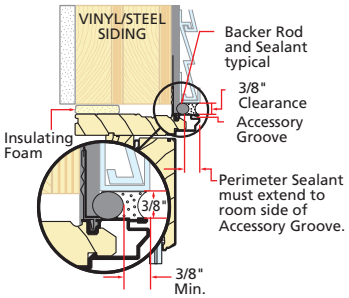
A. **Insert backer rod** 3/8" deep in the space around the door. Backer rod adds shape and controls the depth of the sealant line.

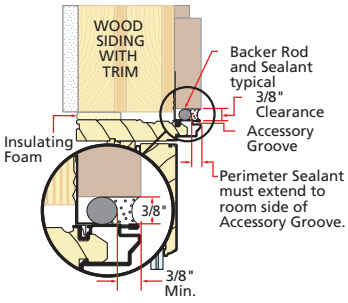
B. **Apply a continuous bead of sealant to the entire perimeter of the door.**

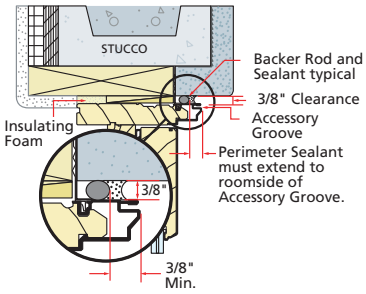
C. **Shape, tool and clean excess sealant.** When finished, the sealant should be the shape of an hourglass.







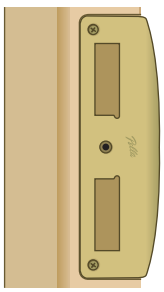




TROUBLESHOOTING - Adjustable Strike Latching Issues

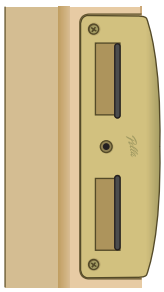
Issue 1:

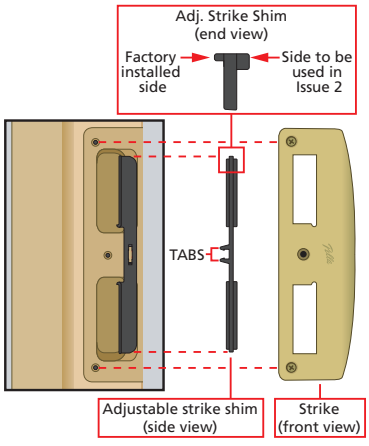
Door is difficult to latch. Remove the strike and adjustable strike shim then reinstall the strike.



Issue 2:

Door needs to close more tightly against the weather-strip. Remove the strike and adjustable strike shim. Remove the tabs from the adjustable strike shim and install so that the thicker side is visible at the strike edge. Reinstall the strike.





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OPTIONAL SILL PAN INSTRUCTIONS

A. **Cut the sill pan** to the width of the rough opening plus 2".

NOTE: The 2" added onto the rough opening width is for a 1" bend on each end.

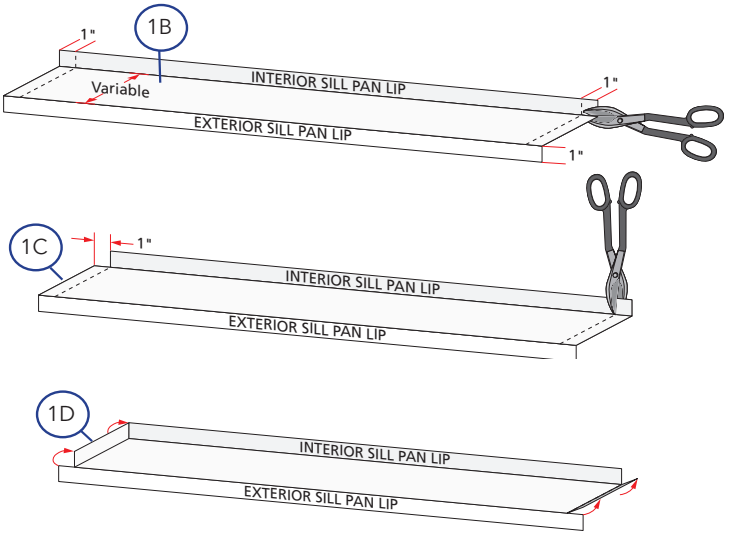
B. **Make a 1" cut** in each fold at both end of the sill pan.

NOTE: These cuts will allow the edges of the sill pan to be bent.

NOTE: 4-5/8" wide for Out-Swing and In-Swing for 4-9/16" wall condition. For other wall conditions, measure wall depth and add 1/16".

C. **Cut 1" off each end** of the interior sill pan lip.

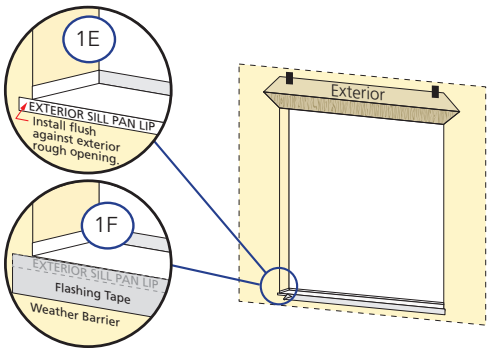
D. **Bend each end** of the center panel up.



E. **Install the sill pan** by sliding into place until the exterior sill pan lip is flush with the exterior of the rough opening.

F. **Apply sill flashing tape.** Cut a piece of flashing tape 2" longer than the opening width. Apply at the bottom of the opening, covering the exterior sill pan lip as shown.

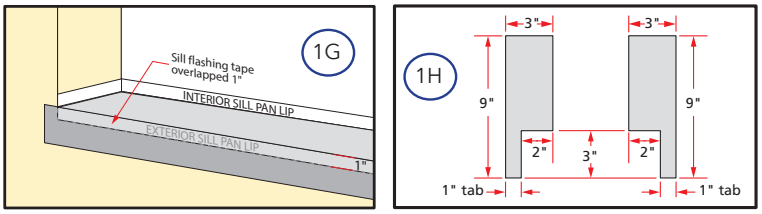
NOTE: If applicable, apply spray adhesive to building felt prior to applying the flashing tape.



G. **Cut a piece of flashing tape** to the width of the opening. Install tape to the sill pan and overlap the flashing tape from step 1F by 1". If needed add a second or third piece of flashing tape until the sill pan is covered to the interior sill pan lip.

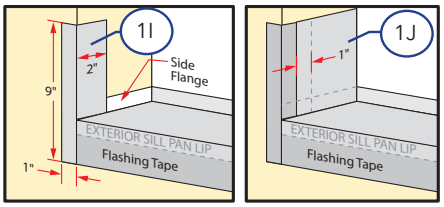
NOTE: The purpose of this tape is to seal the sill screws when installing the door.

H. **Cut two 9" pieces of flashing tape** with a 1" x 3"tab at the bottom, on opposite corners as shown.

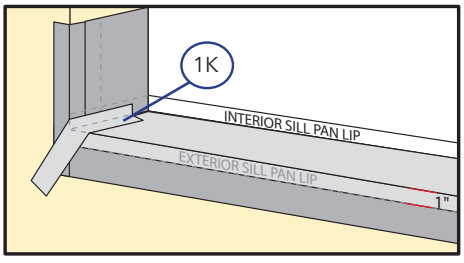


I. **Apply the tabbed 9" pieces of flashing tape.** The tape is applied so 2" will cover the inside of the rough opening and lap over the side flange of the sill pan. The 1" x 3" tab laps over the bottom flashing tape as shown.

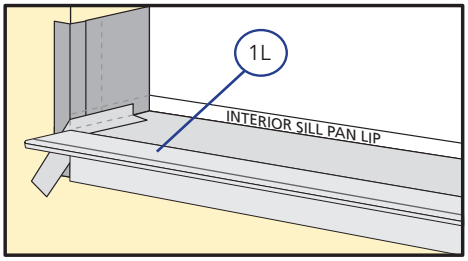
J. **Cut two 6" pieces of flashing tape** and apply to each side of the rough opening, overlapping the first piece by 1" and lapping the bottom over the side flange of the sill pan as shown.



K. **Cut two pieces of flashing tape 1-1/2" x 6"** and apply to the bottom corners of the opening by beginning in the corner of the sill pan, with 3/4" of the tape applied to the sill pan and 3/4" of the tape applied to the side flange. The remainder of the tape is to be at a 45 degree angle onto the exterior.



L. **Attach the aluminum sill support** or wood blocking to the exterior of the box plate to support the edge of the door sill. Place the sill support flush with the subfloor.



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