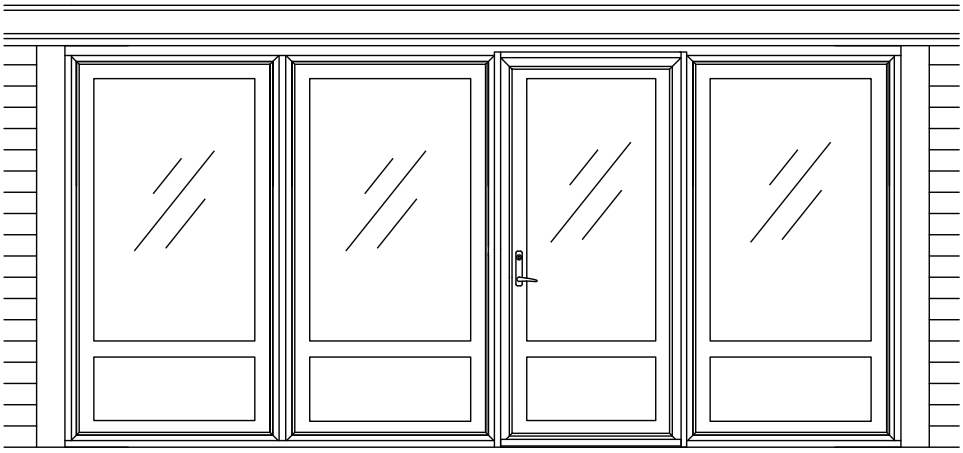
INSTALLATION INSTRUCTIONS
ALUMINUM PORCH ENCLOSURE SYSTEM



Contact the local recycling waste management center for waste disposal in the area. Always check local waste requirements and carefully dispose of waste in accordance with Federal and other regulations.

Homes built before 1978 may contain lead paint. All replacement installations must comply with the U.S. EPA's Lead-Based Paint Renovation, Repair, and Painting Program (RRP Rule). Read more about the RRP Rule and lead-safe work practices, on the U.S. EPA's website at: www.epa.gov/lead

ProVia®
THE PROFESSIONAL WAY

GETTING STARTED

TOOLS & MATERIALS YOU WILL NEED

- Fasteners for securing porch enclosure to structure
- Circular or Chop Saw with a Multi Tooth Carbide Blade
- Caulking Gun and Caulking
- Cordless Drill
- ⅛" and 3⁄16" Drill Bit
- Tape Measure
- Level
- Safety Glasses
- Chalk Line
- Hammer
- Hacksaw
- Square
- Pencil
- Phillips and Flathead Screwdriver
- Metal File

REMEMBER: ALWAYS USE THE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

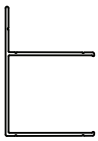
Read these instructions carefully before starting installation. Product warranty does not cover damages resulting from improper installation.

IMPORTANT NOTES BEFORE YOU BEGIN

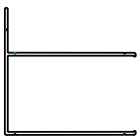
- The ProVia Aluminum Porch Enclosure System is not intended to be a 100% weatherproof solution.
- Inspect your package for any visible damages to the product. In addition, double check your paperwork with label on product(s) and verify all information is a match. Open packaging to confirm style, color and that order was shipped complete. Double check size of new unit by comparing it for fit to opening. If damages or irregularities are found, please document with pictures and call customer service, 1-800-669-4711.
- If you have ordered optional items, verify that they are included in packaging contents. This includes checking for multiple packages (For example, 1 of 2 and 2 of 2).

ALUMINUM PORCH ENCLOSURE ASSEMBLY CONTENTS

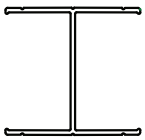
NOTE: Please refer to the list below for the required contents of the aluminum porch enclosure installation.



1½" F-Channel
Part #:
S-AE-5041-00



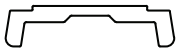
2¼" F-Channel
Part #:
S-AE-5042-00



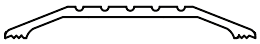
H-Mullion
Part #:
S-AE-5040-00



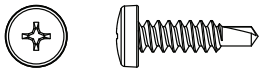
C-Channel
Part #:
S-AE-5043-00



Vinyl Sill Insert
Part #:
S-VR-680-01



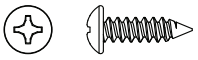
3" Aluminum Saddle Threshold
Part #: S-HG-740-00



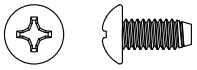
#8-18 x ⅝" Pan Head
Self Drilling Screw
Part #: S-HS-042-CC



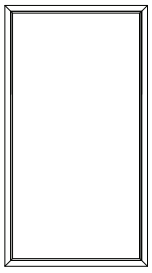
#6-20 x ⅜" Pan Head
Zinc Tek Screw
Part #: S-HS-736-00



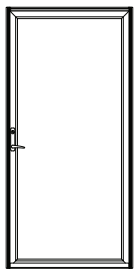
#6 x ½"Pan Head
Stainless Steel Screw
Part #: S-HS-783-CC



#8-32 x ⅜" Pan Head
Thread Forming Screw
Part #: S-DH-322P-CC



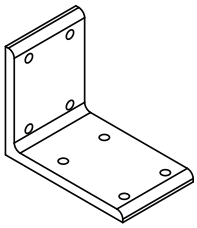
Fixed Panel
Model Will Vary



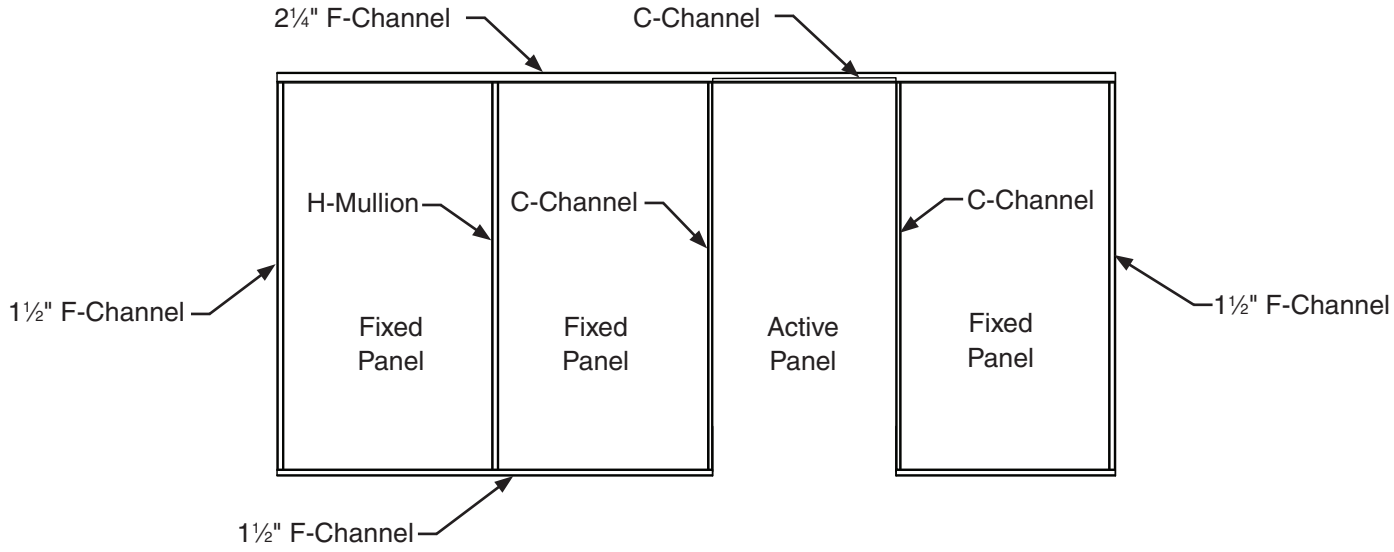
Active Panel
Model Will Vary



Door Strike Adapter
Part #: S-HG-918-CC



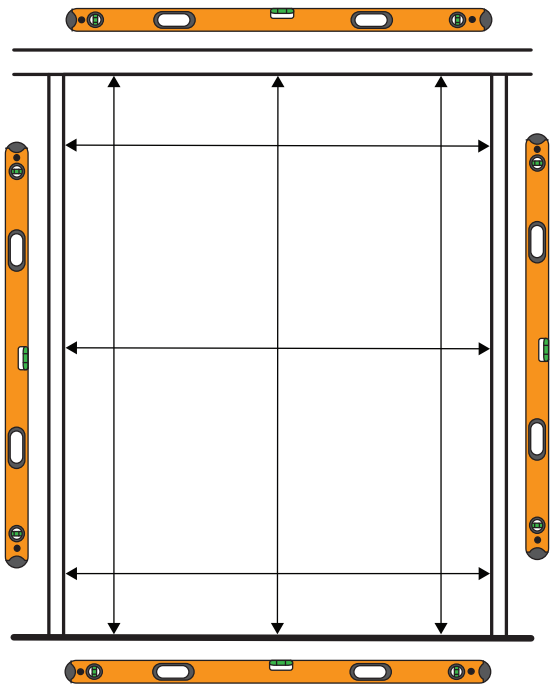
Door Closer Bracket
Part#: S-DH-321-CC



Component Location Reference

A. MEASURING AND INSTALLATION PREPARATION

Opening Elevation View



Check floor slope

(Figure A.1)

Important! Check all local and state codes to determine whether exterior railing is required.

NOTE: Refer to Section D for the installation of Superview self storing panels.

1 Evaluate the condition of the opening to ensure a proper installation. Use a level to check walls or structure for plumb and level. *(Figure A.1)*

NOTE: Acceptable tolerance for a single panel opening is ± ¼" and ± ½" for a multi-panel opening.

2 Check the slope of the floor to determine if any adjustments will need to be made during installation. *(Figure A.1)*

3 Measure three locations for height and width. Use the smallest measurement to ensure the enclosure will fit inside the opening. *(Figure A.1)*

4 Determine the mounting location of the top and bottom F-Channels. Use a chalk line to mark the exterior edge.

5 Determine location of door opening. Use the door units opening size to measure and mark location on the floor. To determine the correct opening size for door unit, refer to the '**Standard Door Sizing Chart**'. *(Figure A.2)*

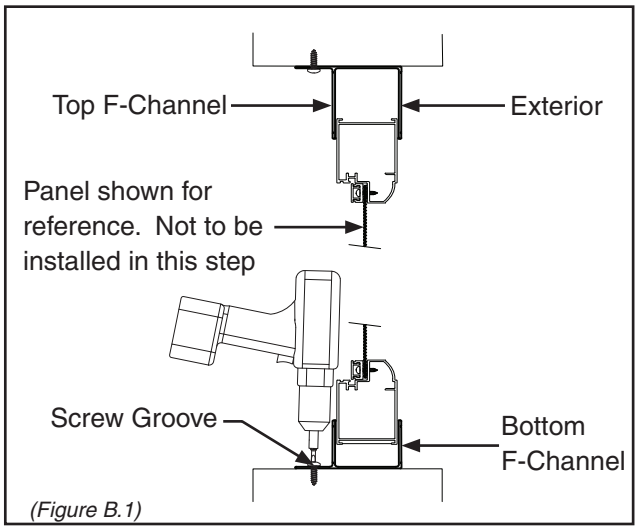
NOTE: Double check the door units overall size, hinge side, and direction of swing. Be sure door will clear any obstructions. For ease of installation remove sashes and screens.

Standard Door Sizing Chart

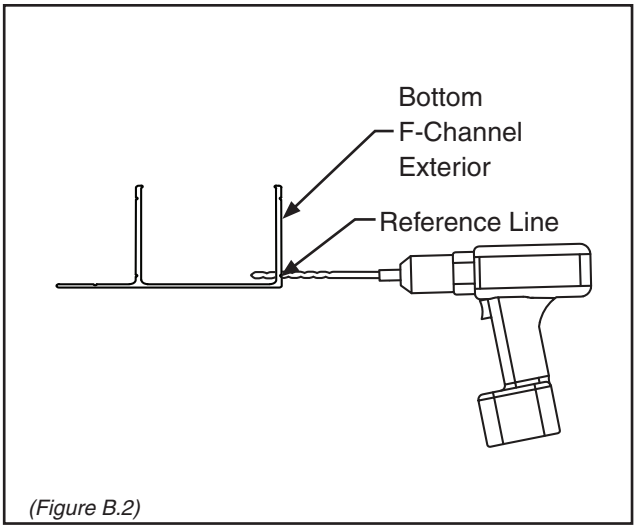
Nominal Width	Minimum Opening		Maximum Opening
30″	29 3/4″	to	30 1/8″
32″	31 3/4″	to	32 1/8″
34″	33 3/4″	to	34 1/8″
36″	35 3/4″	to	36 1/8″
Height:			
80″	79 13/16″	to	80 11/16″
81″	80 3/4″	to	81 7/16″

(Figure A.2)

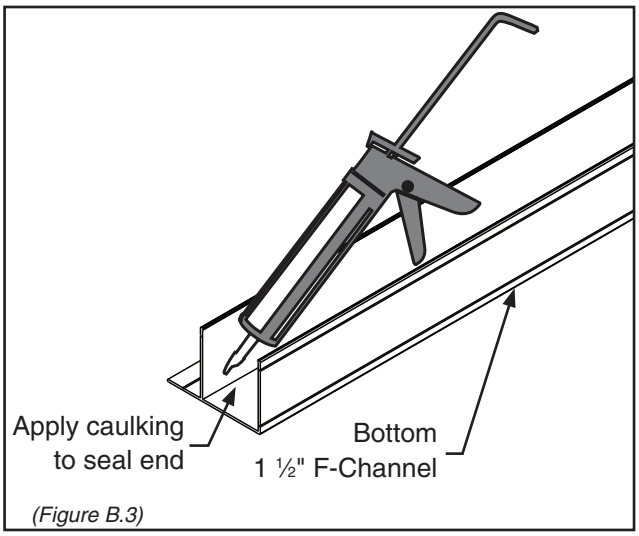
B. INSTALLATION: MULTI PANEL OPENING



(Figure B.1)



(Figure B.2)



(Figure B.3)

1 Cut the bottom 1½" F-Channel to the length required, leave an opening for the door, as needed. Add together the width of each fixed panel plus 11/16" for each side F-Channel, 7/16" for each H-Mullion, and 9/16" for each C-Channel to get the length of each bottom F-Channel on both sides of the door opening. *(Figure B.1)*

2 Drill 3/16" weep holes 2" from each end of bottom F-Channel and spaced approximately every two feet along bottom reference line. *(Figure B.2)*

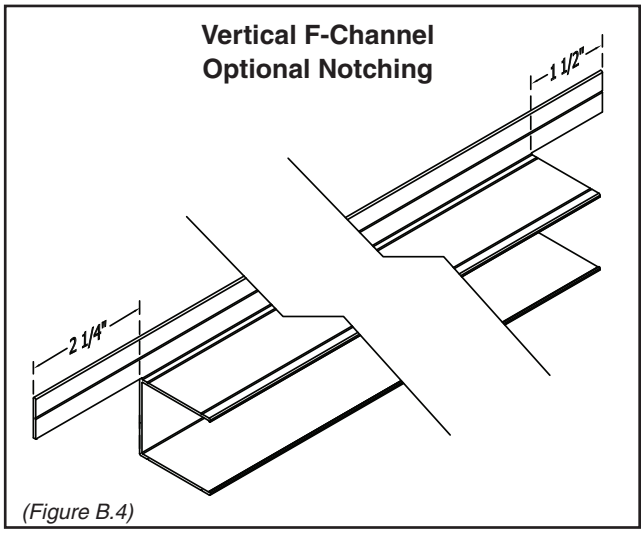
3 Apply a bead of caulk to the bottom F-Channel. Align and place the exterior edge of F-Channel along chalk line. Fasten through screw groove, every 12" to 24". *(Figure B.1)*

NOTE: If desired, the F-Channels may be fastened through the center of the channel. Fasteners must be sealed when using this method.

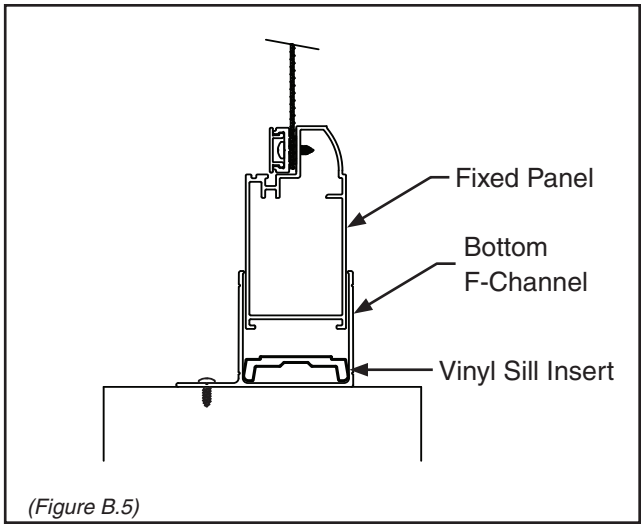
4 Cut and install top 2¼" F-Channel the full width of the opening. Align and place the exterior edge of F-Channel along chalk line. Fasten through screw groove, every 12" to 24". *(Figure B.1)*

5 Apply a generous amount of caulk to seal each end of the bottom F-Channel where it meets the side of the opening prior to installing left and right vertical F-Channels. *(Figure B.3)*

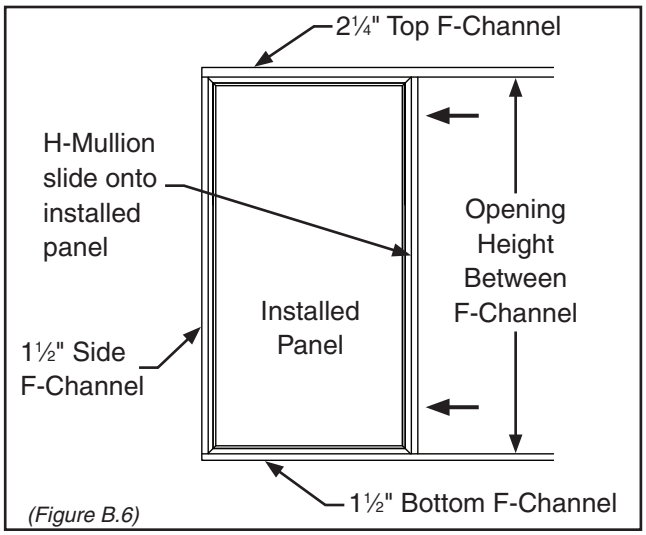
B. INSTALLATION: MULTI PANEL OPENING



(Figure B.4)



(Figure B.5)



(Figure B.6)

6 Measure and cut the 1½" F-Channel to fit between the top and bottom F-Channels at each end. Apply a bead of caulk to the flat side of the F-Channel. Align and place exterior edge flush with the exterior edge of the top and bottom F-Channels. Fasten through screw groove, every 12" to 24".

NOTE: If desired, side F-Channels may be cut to fit entire height and then notched at each end to fit between the top and bottom F-Channels. *(Figure B.4)*

7 Place one Vinyl Sill Insert in the bottom F-Channel under each fixed panel. *(Figure B.5)*

NOTE: Avoid placing Viny Sill Inserts in front of weep holes to ensure proper water drainage.

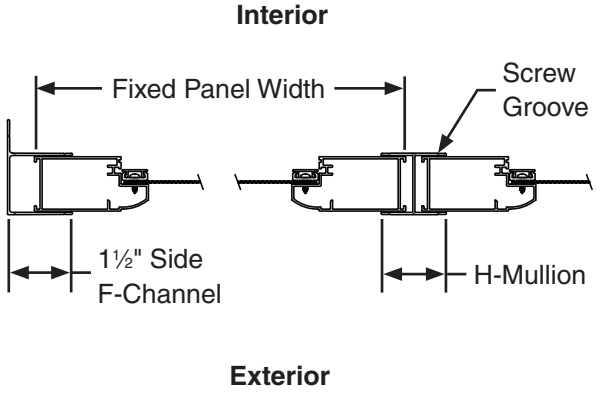
8 Before installing panels, remove glass or screens and set them aside.

9 Install the first panel into top F-Channel and down into bottom F-Channel, slide panel to the right or left and into side F-Channel a minimum of ½".

TIP: To make panel installation easier, apply Foaming Glass Cleaner or similar lubricant to panels before inserting in F-Channels.

10 Cut H-Mullion to fit in opening height between top and bottom F-Channels. Insert onto installed panel and slide on a minimum of ½" to allow the next panel to be installed. *(Figure B.6)*

B. INSTALLATION: MULTI PANEL OPENING



(Figure B.7)

11 Continue to insert fixed panels and H-Mullions until all are in place, equally space all the panels in the opening. Use #6-20 x ⅜" Pan Head Zinc Tek screws to fasten in place every 36" around each panel through screw grooves on the interior side. *(Figure B.7)*

C. INSTALLATION: SINGLE PANEL OPENING

1 Measure the top and bottom opening width and cut the bottom 1½" F-Channel and the top 2¼" F-Channel accordingly. *(Refer to Figure B.1)*

2 Drill 3/16" weep holes 2" from each end of the bottom F-Channel and spaced approximately every two feet along the bottom reference line. *(Refer to Figure B.2)*

3 Apply a bead of caulk to the bottom F-Channel and fasten both the bottom and top F-Channels in place through the screw groove on the flange. *(Refer to Figure B.1)*

4 Apply a generous amout of caulk to seal each end of the top and bottom F-Channels where it meets the side of the opening. *(Refer to Figure B.3)*

5 Place Vinyl Sill Insert in the bottom F-Channel. *(Refer to Figure B.5)*

NOTE: Avoid placing Vinyl Sill Insert in front of weep holes to ensure proper water drainage.

6 Measure between the mounted top and bottom F-Channels and cut two side F-Channels to fit.

7 Place the side F-Channels on the panel and slide them all the way on. Adjust the F-Channels so the bottom edge of each one is flush with the bottom of the panel.

C. INSTALLATION: SINGLE PANEL OPENING

8 Insert the top end of the panel into the top F-Channel until it clears the bottom F-Channel.

9 Position the panel so the side F-Channels flush with the bottom F-Channel. Push the panel downward until seated it in the bottom F-Channel.

10 Push the side F-Channels outward to each side of the opening and fasten in place.

11 Adjust the position of the panel in the F-Channels until the panel is centered.

12 Once the panel is in the desired location fasten in place using #6-20 x ⅜" Pan Head Zinc Tek screws every 36" around the panel through screw grooves on the interior side.

D. INSTALLATION: SUPERVIEW SELF STORING PANEL OPENING

1 Measure the top and bottom opening width and cut the bottom 1½" F-Channel and the top 2¼" F-Channel accordingly. *(Refer to Figure B.1)*

2 Drill 3⁄16" weep holes 2" from each end of the bottom F-Channel and spaced approximately every two feet along the bottom reference line. *(Refer to Figure B.2)*

3 Place Vinyl Sill Insert in the bottom F-Channel. *(Refer to Figure B.5)*

NOTE: Avoid placing Vinyl Sill Insert in front of weep holes to ensure proper water drainage.

4 Measure the opening height and deduct 3¼" to account for the top and bottom F-Channels. Cut each side F-Channel or H-Channel accordingly.

5 For self storing panels, remove all sashes and screens before attaching channels.

6 Install the bottom F-Channel all the way on the panel. Then install the side F-Channels (H-Channels for multiple panel openings) before installing the top F-Channel.

D. INSTALLATION: SUPERVIEW SELF STORING PANEL OPENING

7 Carefully lift the assembled unit into the opening and move into position.

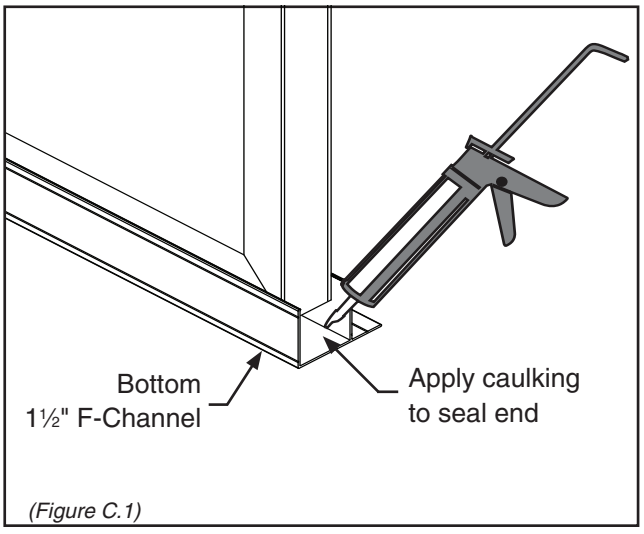
8 Adjust the channels outward to completely fill the opening.

9 Fasten the channels to the opening throught the screw groove on the flange. *(Refer to Figure B.1)*

10 Once the panel is in the desired location fasten in place using #6-20 x ⅜" Pan Head Zinc Tek screws every 36" around the panel through screw grooves on the interior side.

11 Apply a bead of caulking to the top and bottom inside corners where the channels meet. A bead of caulking can also be applied around the outside perimeter of the opening.

E. INSTALLATION: DOOR OPENING



(Figure C.1)

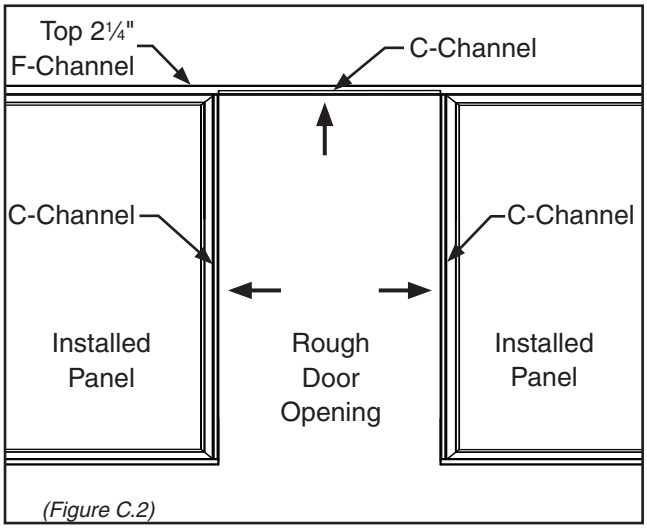
1 Apply a generous amount of caulk to seal each end of the bottom F-Channel at the door rough opening prior to installing C-Channels. *(Figure C.1)*

2 In some applications a transom panel may be required above the door rough opening if the enclosure height exceeds the allowable door height. *(Figure C.4)*

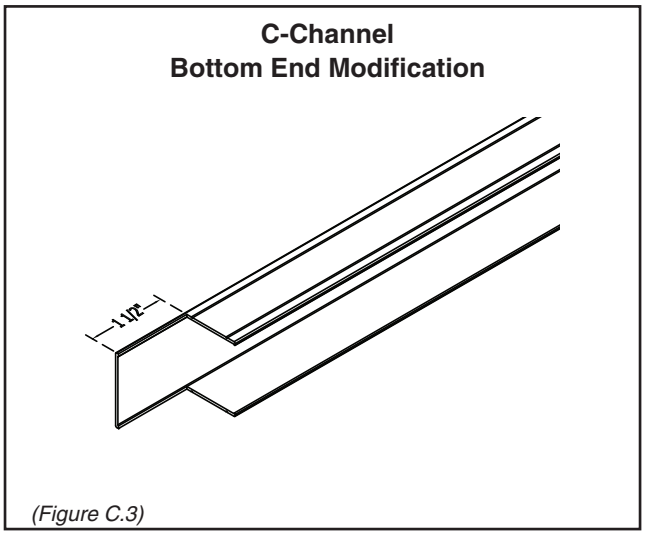
NOTE: If a transom panel is required, go to **Step 8**.

3 Cut (2) C-Channels to the height between the floor and the bottom of the top F-Channel. *(Figure C.2)*

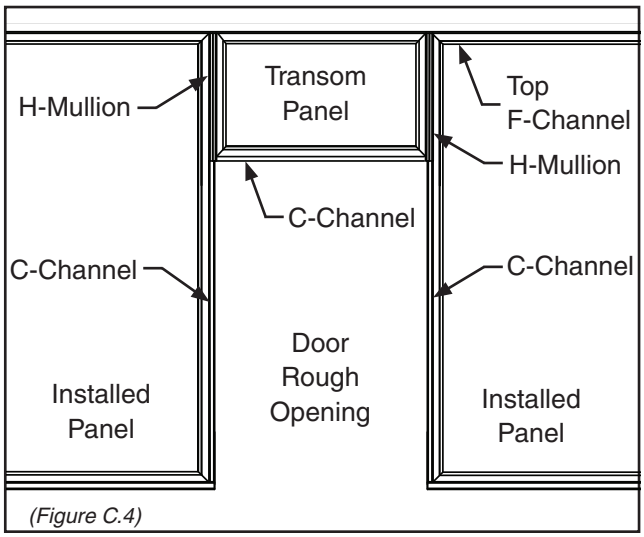
E. INSTALLATION: DOOR OPENING



(Figure C.2)



(Figure C.3)



(Figure C.4)

4 The top and bottom ends of the right and left C-Channels must be cut straight and flush to ensure proper fit.

5 Notch **ONLY** the bottom end of the C-Channels, leaving a 1½" leg on the flat side, as shown. The top end of the C-Channels will remain a straight cut. *(Figure C.3)*

6 Slide C-Channel onto installed panel, minimum of ½", and align with rough door opening width. Repeat on the opposite side. *(Figure C.2)*

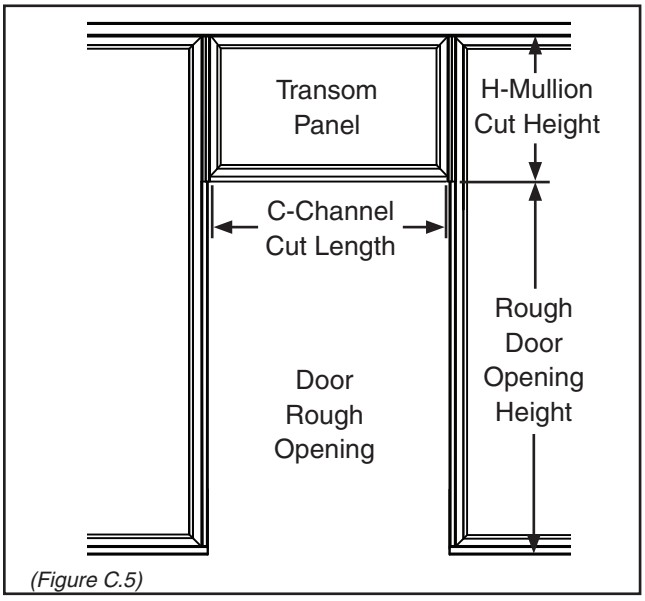
7 Cut (1) C-Channel to the door rough opening width between the right and left C-Channels and install up inside the top F-Channel. *(Figure C.2)*

NOTE: If a transom panel is not required, go to **Step 13**.

8 For applications with a transom panel, cut (2) C-Channels to the door rough opening height. Be sure to add ⅜" if a door threshold will be installed. Slide C-Channels onto installed panels, minimum of ½", and align with rough door opening width. *(Figure C.5)*

NOTE: Refer to **Step 5** for notching the bottom ends of the C-Channels.

E. INSTALLATION: DOOR OPENING

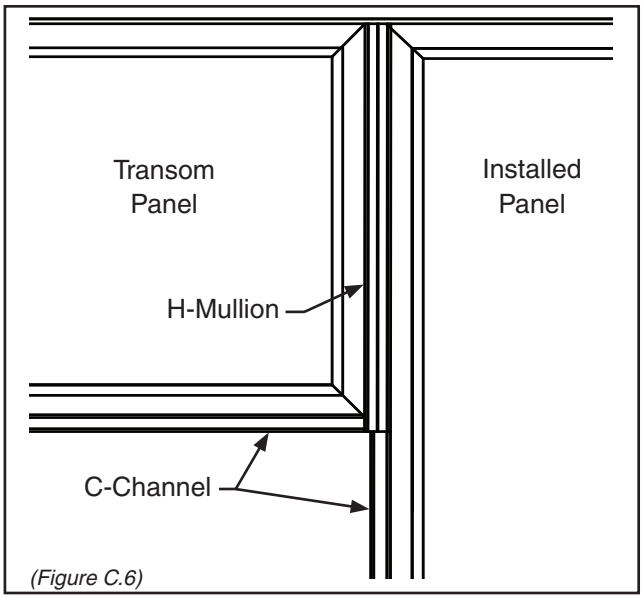


(Figure C.5)

9 Cut (2) H-Mullions to fit between the door rough opening height and the bottom of the top F-Channel. Insert onto installed panels and slide on a minimum of ½". *(Figure C.5)*

10 Insert transom panel into H-Mullions above the door rough opening and slide up into the top F-Channel. *(Figure C.5)*

11 Cut (1) C-Channel to fit between the H-Mullions. Insert C-Channel onto the bottom of transom panel and align with door rough opening height. *(Figure C.5)*

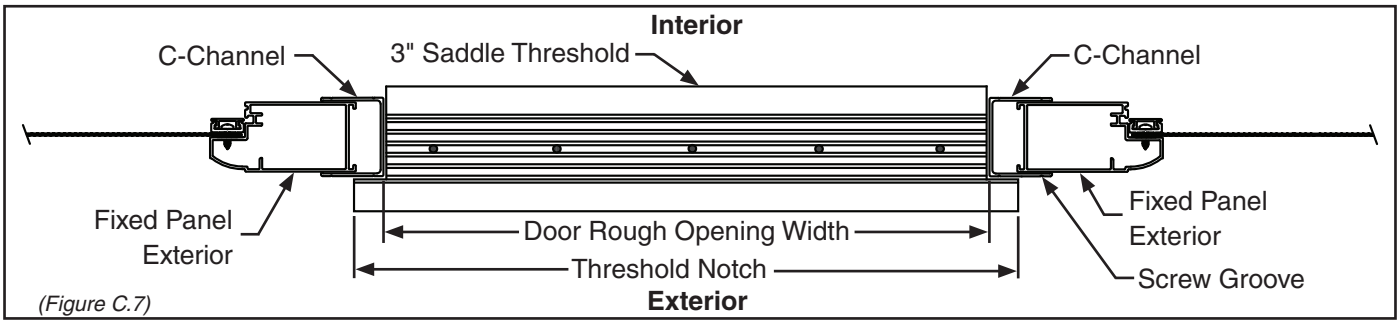


(Figure C.6)

12 After installing the C-Channels, H-Mullions, and transom panel, check components for proper orientation. Fasten transom panel using #6-20 x ⅜" Pan Head Zinc Tek screws to secure. *(Figure C.6)*

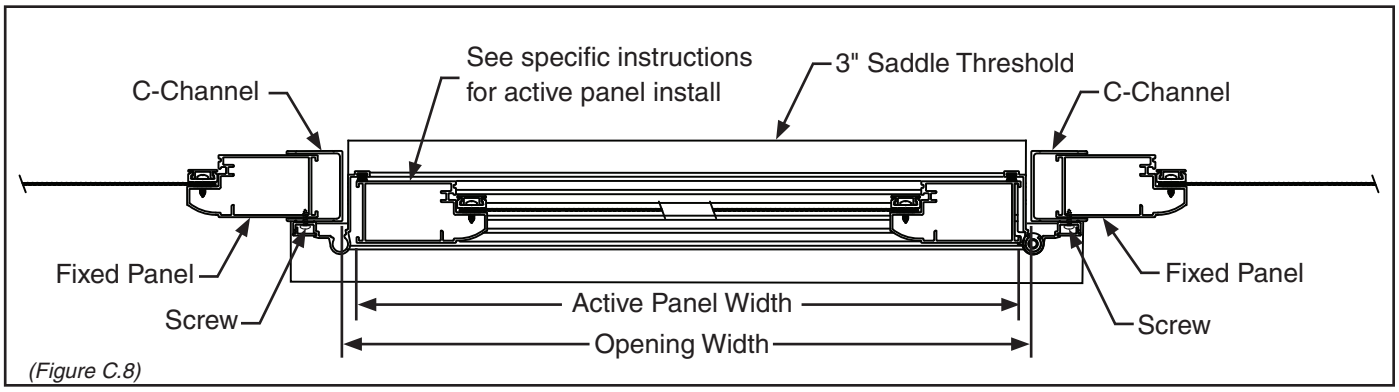
13 Check that rough opening height and width are correct and C-Channels are square and plumb. Cut 3" Saddle Threshold to fit inside the rough door opening width. *(Figure C.7)*

NOTE: If desired, saddle threshold may be cut longer and notched on each side to extend under door "Z" bar.



(Figure C.7)

E. INSTALLATION: DOOR OPENING



(Figure C.8)

14 Apply (2) generous beads of premium caulking compound to the underside of threshold. Place (1) continuous bead along exterior leg and (1) continuous bead along interior leg.

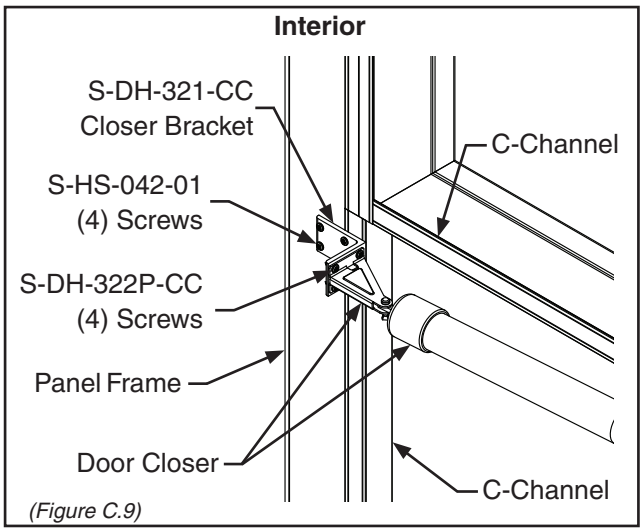
15 Set threshold in place. Be sure crown of threshold is positioned to align with door slab. *(Figure C.8)*

16 Pre-drill holes in subfloor or sill at each factory prepped screw hole location of threshold. Install screws to secure the threshold. If securing to concrete, use masonry anchors.

17 Apply a bead of caulking along entire joint, where threshold meets the C-Channel, each side.

18 Locate pre-hung door assembly and test fit in rough opening to ensure appropriate clearance. Perform any adjustments if necessary.

19 Install door assembly by fastening through the "Z" bar and C-Channels into the fixed panel. Before mounting handle be sure to check for proper engagement of handle and strike. Refer to specific installation instructions included with door. *(Figure C.8)*

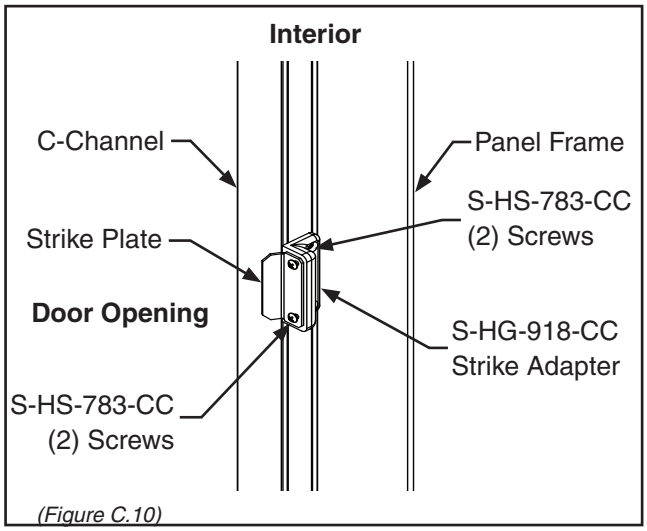


(Figure C.9)

20 After installing door assembly, install (1) Closer Bracket on interior hinge side of porch enclosure. Position the long side of the bracket below top of door opening C-Channel and flush with the edge of vertical C-Channel. Mark holes and pre-drill (4) ⅛" holes. Be sure bracket and closer will be in line with top of door frame. *(Figure C.9)*

21 Use (4) S-HS-042-CC screws to fasten Closer Bracket to C-Channel and panel frame. Use (4) screws from screw pack S-DH-322P-CC to fasten closer to Closer Bracket. (*Figure C.9)*

E. INSTALLATION: DOOR OPENING



(Figure C.10)

22 After installing the door assembly, install the Strike Adapter and the strike plate on the interior handle side of the porch enclosure. Position the Strike Adapter and strike plate on the back of the C-Channel and adjust as needed to allow door to close and latch properly. *(Figure C.10)*

23 Fasten the Stike Adapter and strike plate once both are in the correct position using (4) S-HS-783-CC screws. (*Figure C.10)*

TROUBLESHOOTING & TIPS

Problem	Cause	SOLUTION
Active slab opening width dimension is too small	Fixed slabs not completely seated in channels.	Remove any excess space by making sure channels are seated all the way on fixed slabs.
Fixed slab is difficult to insert into channels	Channel tolerances are tight.	Apply lubricant to the end of fixed slab before inserting.
Water build up in bottom F-Channel	Weep holes and/or vinyl inserts not properly installed.	Ensure the weep holes and inserts are installed according to instructions.

***Please call Customer Service for additional installation inquiries at 1-800-669-4711.**

***For additional information and helpful videos, visit our Homepage for Installers by tapping or scanning the Quick Reference Code shown below, using your QR Code Scanner App.**

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