STRUKTUROC WALL PANEL

INTRODUCTION

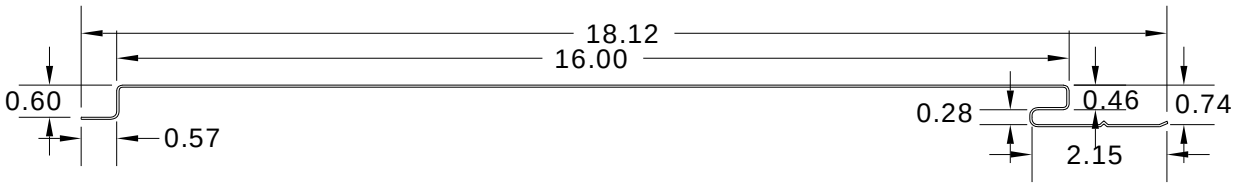
Details contained in the following pages are suggestions and guidelines as to how the Strukturoc wall panel can be installed. We believe all information presented is accurate, but it is not intended to cover all instances, building designs or codes. The details may require changes or revisions as conditions from project to project can and do vary.

The details shown are proven methods of application; however, it must be noted that ensuring water tightness is a function of the installer. The installer can assure water tightness by selecting high quality sealant / caulking and providing a professional application of materials.

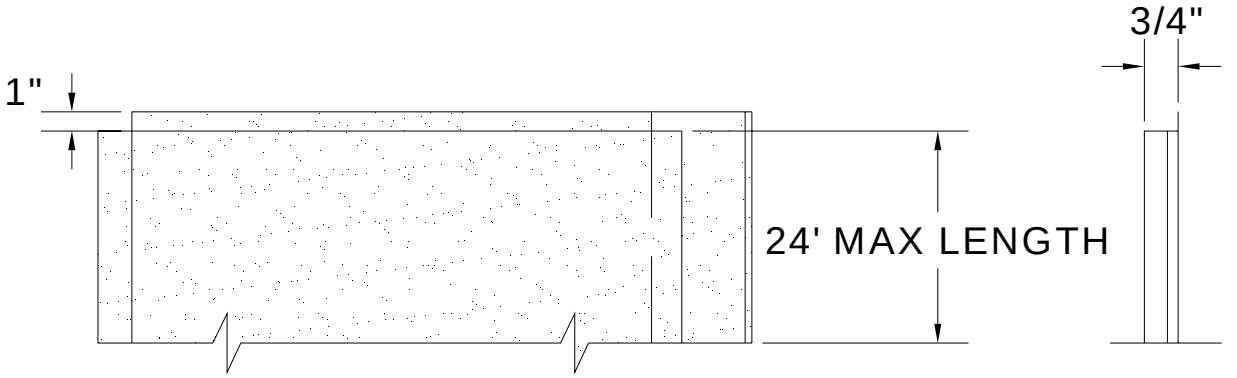
It is the responsibility of the designer/contractor/installer to ensure that the following details and installation are adapted to meet particular building requirements. The manufacturer shall be held harmless from any and all claims arising from lack of proper installation.

Every installer shall familiarize him/herself with all erection instructions before the application process begins. The installer may utilize details provided and procedures recommended for installation of materials. Some field cutting is part of normal erection work. Workmanship shall conform to the highest industry standards. Oil canning in the flat area of panel is common to the industry and shall not be cause for product refusal. Minimizing or eliminating this effect can be accomplished with simple procedures during surface preparation.

STRUKTUROC WALL PANEL

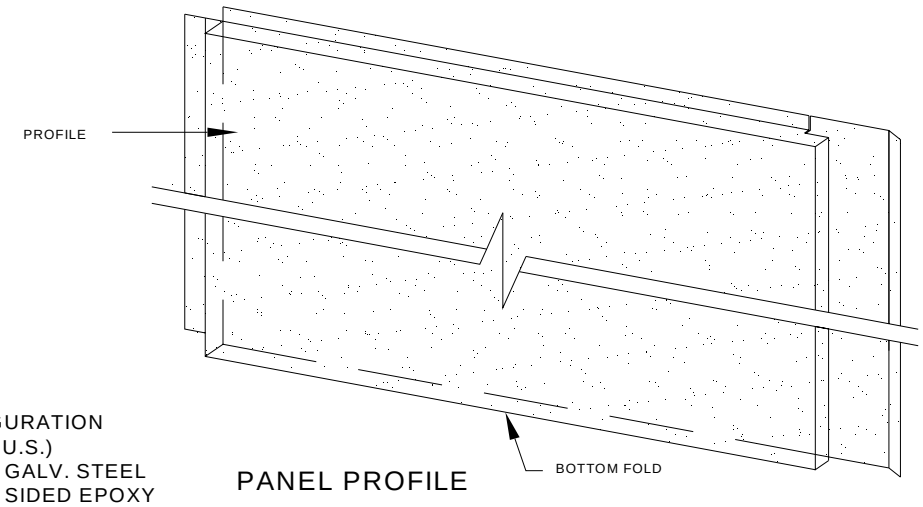


PLAN VIEW



FRONT VIEW

SIDE VIEW



PANEL PROFILE

NOTES:
(STANDARD CONFIGURATION MANUFACTURED IN U.S.)
GAUGE: 20 GA. G 90 GALV. STEEL
PRIMER: COATED 2- SIDED EPOXY
FINISH: PROPRIETARY STUCCO FORMULA WITH MARBLE CRUSH

STRUKTUROC WALL PANEL

SPEC DATA®

The Spec-Data sheet conforms to editorial style prescribed by the Construction Specifications Institute. The manufacturer is responsible for technical accuracy.

1. PRODUCT NAME
STRUKTUROC™ Stucco Wall Systems

2. MANUFACTURER
TransAmerican Strukturoc™ Inc.
Stucco Wall Systems
920 Apollo Road, Ste. 120
Eagan, MN 55121
Phone: (952) 884-7694
Fax: (952) 887-2716

3. PRODUCT DESCRIPTION
Strukturoc wall panels are roll formed from 20 gauge hot dipped galvanized steel coil.

All wall fasteners are concealed to achieve a smooth and consistent surface.

Basic Use:
Strukturoc wall panels are used primarily as a wall cladding system on new construction and renovation products, up to six stories.

Limitations:
Because Strukturoc wall panels are prefinished, care should be exercised during erection to avoid damage. Avoid dragging panels over surfaces that may cause scuffing or marring. Strukturoc wall systems are not designed to be used as load bearing walls.

Composition and Material:
Strukturoc wall panels consist of hot dipped galvanized steel of commercial weight ASTM A924 steel, coated two sides utilizing an epoxy primer with dry wall film thickness of 1 to 1.5 mills, applied finish is comprised of acrylic and marble crush for a hard and very durable finish.

Sizes:
Wall panels are available in 16 inch wide profile and in lengths up lo 22 feet. Trim and flashing profiles are 12 feet in length and manufactured from 22 gauge steel.

Colors:
Strukturoc is available in 24 standard colors - up to 1500 colors are also available for selection on a custom basis.

Finish:
A proprietary formulation combined with marble crush to obtain a beautiful stucco-coated steel panel. Colorfast and long lasting.

4. TECHNICAL DATA
Coating:
Epoxy primer with a dry film thickness of I to 1.5 mills.
ASTM 8117.73, ASTM D2794

Adhesion:
Test ASTM D2794

Formability:
2 T Bend ASTM D1737

Color Retention:
Does not show a color change at 2000 hours ASTM C26

Water Penetration:
Test to ASTM E331-86

Structural:
Test to ASTM E 1592

Freeze Thaw:
Test ASTM C666-84

Racking Shear:
Test ASTM E72-80

Air Infiltration:
Test ASTM E283-91

Water Soak:
Test ASTM D87O

Salt Spray:
Test ASTM B-117

Flammability:
Test ASTM E-84

Weathering:
Test C23

Base Metal:
20-22 gauge C90 steel sheet, zinc coated (galvanized) by hot-dip process. Tested to ASTM A653, A924 standards.

5. INSTALLATION
Install in accordance with information as provided by Strukturoc representative. Strukturoc can be cut and riveted on the job site, utilizing conventional hand and power tools. Strukturoc wall systems are easily applied over substrates having variegated surfaces. This ability makes Strukturoc systems a perfect choice for renovation projects as well as new construction.

6. AVAILABILITY
Strukturoc Stucco Wall Systems information is made available from your local Strukturoc representative. Contact Strukturoc Wall Systems.

7. WARRANTY
Strukturoc Wall Systems are warranted to be free from defects in material and workmanship, for a period of 20 years from time of installation. See full warranty for details.

8. MAINTENANCE
Strukturoc Wall Panels do not require maintenance. If cleaning is desired, the use of a pressure sprayer is suggested. If a change in panel color is needed, this can be done easily by using a high quality acrylic paint applied to the stucco surface.

9. TECHNICAL SERVICE
Technical service is available from Strukturoc. It is recommended that the Eagan, MN office be contacted, for available for selection on a custom basis.

10. FILING SYSTEM
Additional sample and product information will be made available upon request.

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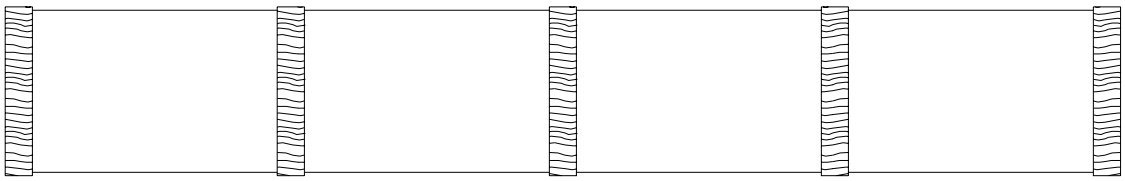
JOB SITE STORAGE

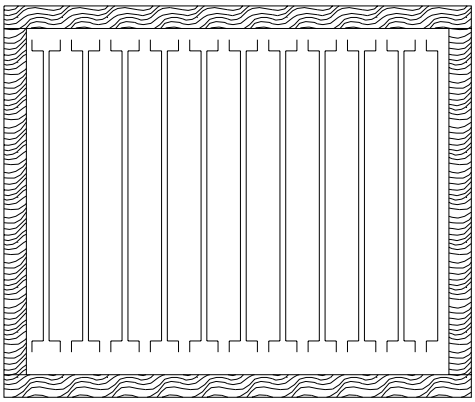
Wall Panels are shipped in wooden crates with a maximum of 20 panels per crate. Panels are placed vertically in the crate and should remain in this position until installed. Each crate is wrapped in protective reinforced plastic.
Crates MUST be stored on level ground.

IMPORTANT: Do Not Stack Crates On Site.



Panels and trims need to be stored properly prior to assembly. If they cannot be stored inside, they need to be protected from weather or contaminants. The textured finish will withstand years of wear but mud or dirt could stain the finish causing you additional clean up.

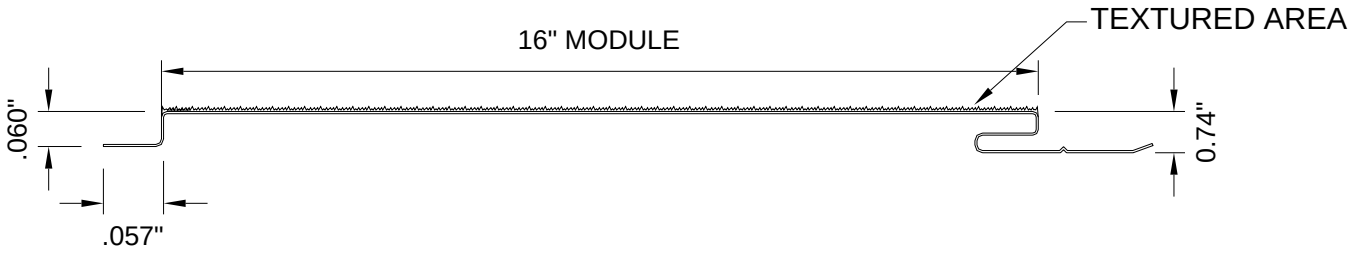
Panels are stacked on edge with foam blocks positioned to space panels apart so that the textured face of panel does not come in contact with other panels. **When storing these panels, this position must be maintained.**



END VIEW

STRUKTUROC WALL PANEL

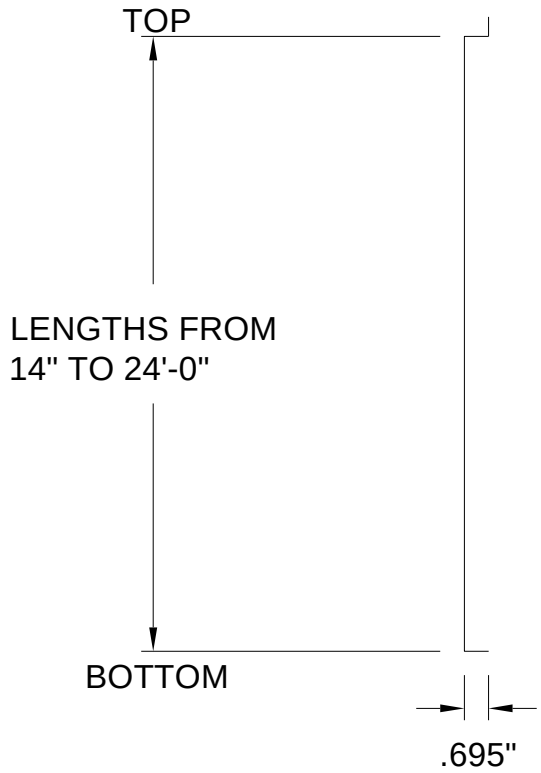
PANEL DESCRIPTION



Wall Panels are fabricated from quality 20 ga. Galvanized steel, primed and painted with baked on base coat (both sides) that is specially formulated to adhere to the textures finish. Steel panels are then roll formed into a 16” wide panel. The textured finish is then factory applied and oven cured. The textured finish is an aggregate combination producing an attractive stucco finish. Panels are specially packaged to insure a consistent quality product ready to install.

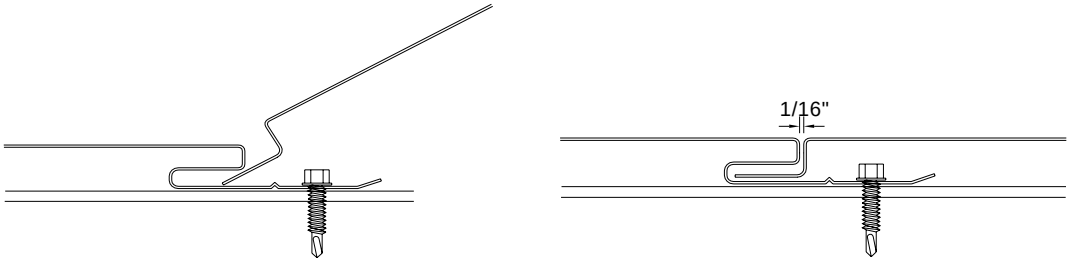
Each panel is manufactured for your application. Panels can be manufactured in lengths ranging from 14” to 24’-0”. Each panel has 16” face coverage with a 1-5/8” screw flange on one edge and a 5/8” lock flange on the other edge for an overall width of approximately 18”.

The top flange is finished with a double 90-degree flange and the bottom flange is finished with a single 90-degree flange. These formed ends allow the panel to nest (end to end) for stacking up a vertical wall and gives you the ability to utilize the panel for taller elevations



ATTACHMENT METHODS

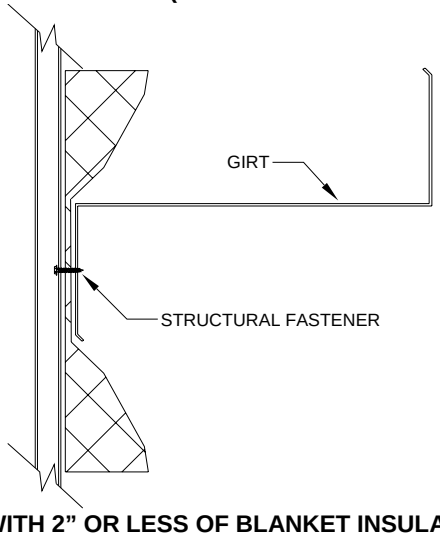
Wall Panels are attached to girts with self-drilling hex head fasteners. Only one fastener per girt is required. It is important that spacing between panels be visually consistent. During panel erection, the tongue of panel being installed simply slides into the grove of installed panel. Panel will nest into position creating a uniform 1/16" spacing.



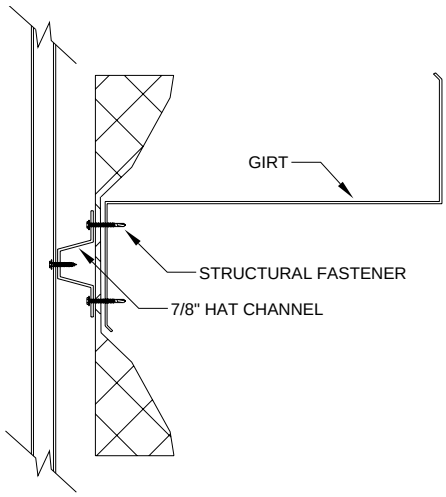
Installation techniques will vary depending on the insulation thickness being used. When no insulation is used or blanket insulation of 2" or less is being used, direct attachment of panel to the girt is standard.
IMPORTANT: Girt spacing should not exceed 5'- 0" on center.

Important Note:
When using blanket insulation with a thickness of 3" – 4", a 7/8" hat channel is required. With insulation thickness of 5" to 6" a 1-1/2" hat channel is required. With the Wall Panels thickness being 5/8", installation of excessive insulation in the panel cavity will create unsightly bulges at the girt lines.
"Use of hat channels is required and should not be ignored"

PLEASE NOTE: TOTAL DEPTH OF INSTALLED SYSTEM WITH 7/8" HAT CHANNEL IS 1-1/2"
TOTAL DEPTH OF INSTALLED SYSTEM WITH 1-1/2" HAT CHANNEL IS 2-1/8"
(DOES NOT INCLUDE THE COMPRESSION DEPTH OF INSULATION)



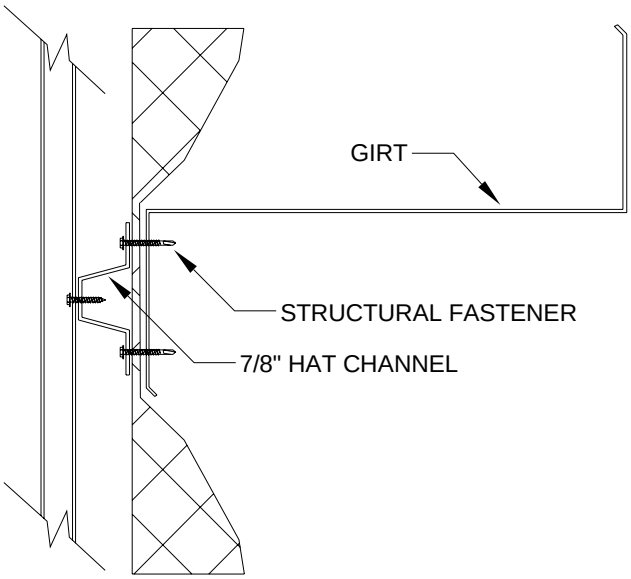
WITH 2" OR LESS OF BLANKET INSULATION

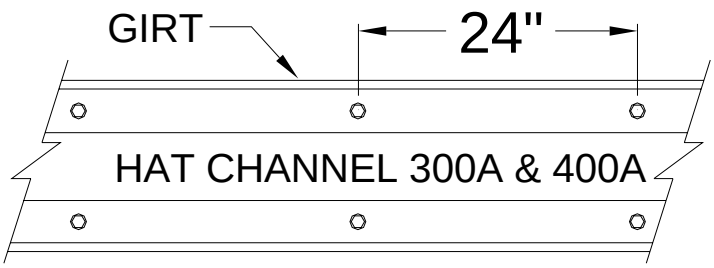


WITH 3" OR GREATER BLANKET INSULATION

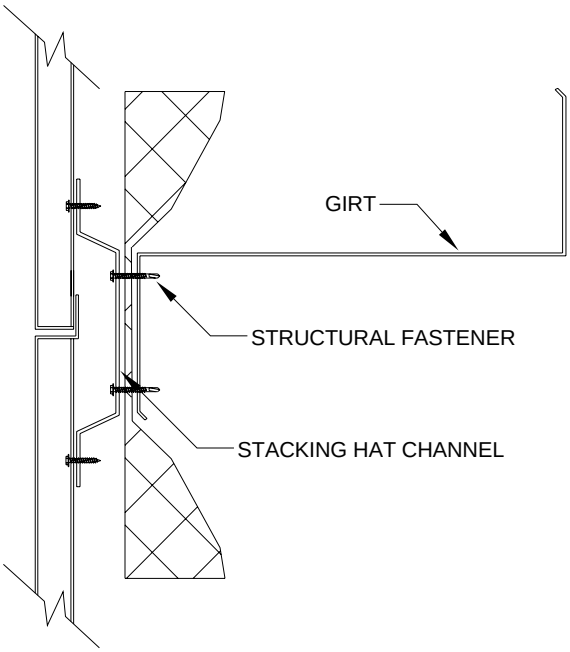
STRUKTUROC WALL PANEL

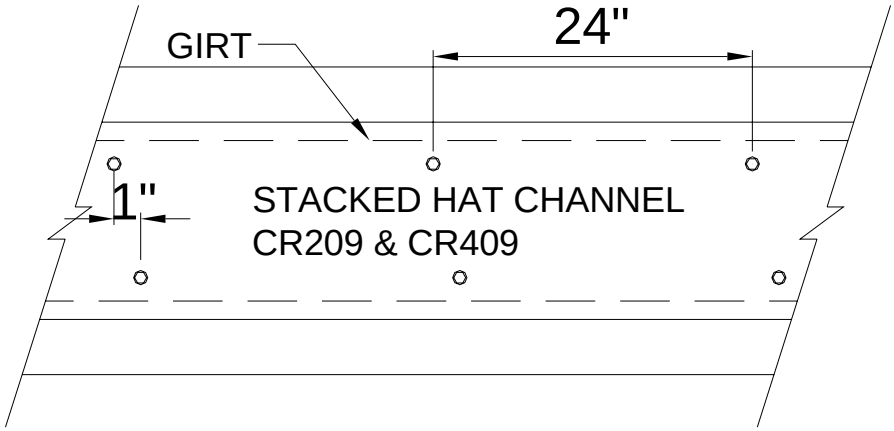
HAT CHANNEL APPLICATIONS



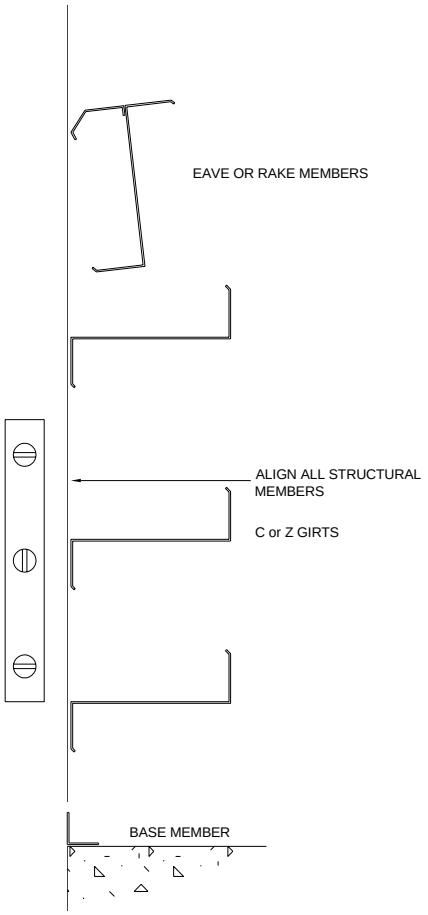


STACKED HAT CHANNEL APPLICATIONS





INSTALLATION TIP



Before installing any panel, it is critical that all structural supports (base members, girts, eave and rake supports) be plumb and straight. **Misaligned girts will cause oil-canning and distortion of the wall panels.** This step is more critical for flat wall panels than most other common metal wall panels because flat wall panels do not have corrugations to major ribs to break the monolithic appearance.

IMPORTANT: The maximum deviation from vertical plane of one girt to the next nearest girt should not exceed .25 inch.

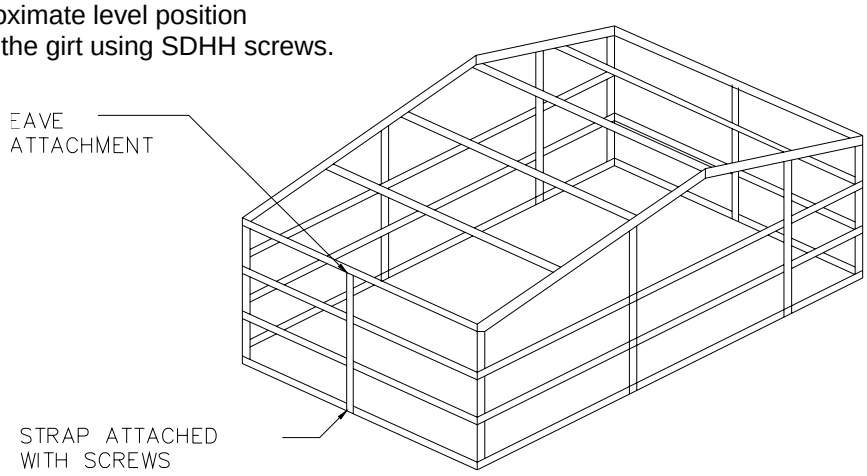
All panels formed from light gauge metal may exhibit waviness, also known as, "oil canning", commonly occurring in, but not restricted to, flat portions of a panel. This inherent characteristic is not a defect of material or manufacturing and is not cause for rejection

"Installation Tips"

Structural alignment

1) At the center of each bay, a metal strap is attached to the eave of the building and to each girt located below.
2) Girt's are brought to an approximate level position
3) The strap is then screwed to the girt using SDHH screws.

NOTE: Strap supplied by others.



REQUIRED TOOLS

“Read before you start”

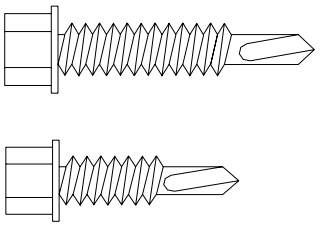
Due to the special textured finish, it is very important to take extra care in handling the panels or trim during installation. Sliding panels together will scuff, discolor or damage the finish.

Wearing clean gloves, handling the panels by the edges and taking a little extra care will pay off producing a good clean finished wall.

TOOLS REQUIRED

1) Cotton gloves or clean work gloves
2) Circular saw
3) Metal cutting hand shears
4) Hand seamier (4”)
5) Carpenter’s square
6) Rivet gun
7) Drill
8) Level (4’ or 6’)
9) Laser level (base trim installation)
10) Tape measure
11) Caulk gun
12) Screw gun
13) Electric metal cutting shears
14) Special metal cutting blade (1 supplied)

PANEL FASTENER

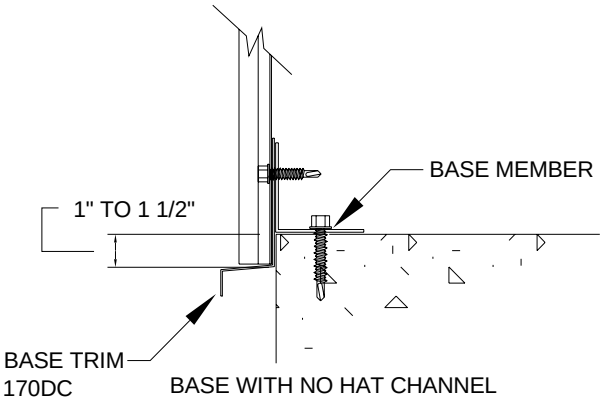


When attaching the Wall Panels directly to girt, a # 12-14 x 1-1/4" SDHH self-drilling screw is recommended. This same screw is used to attach hat channel sections to girt. Panel attachment to hat channel requires # 12-14 x ¾" HWHT stitch screw used for light steel attachment.

Note: Unless specified in quotation, panel fasteners are not supplied.

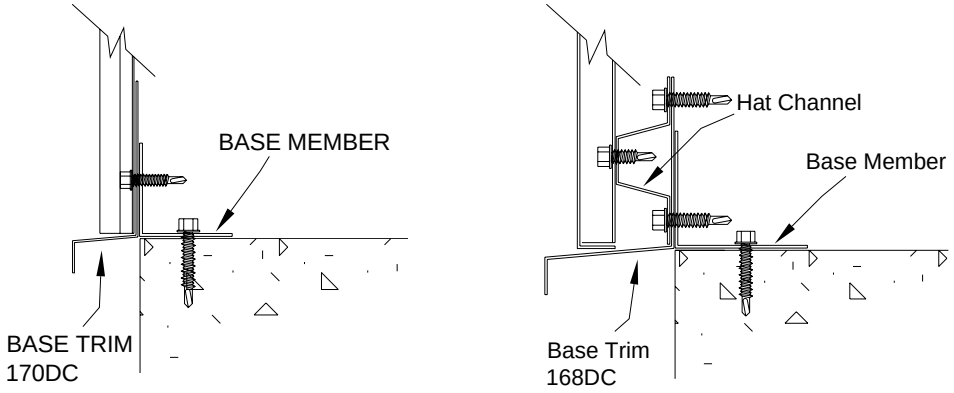
BASE OPTIONS

When using the Wall Panel without blanket insulation or with blanket insulation that is 2" or less in thickness, the base trim and panel will sit flush with the building line or edge of slab.



When using the Wall Panel with a blanket insulation, that is greater than 2" in thickness, you have two options. The first option, you can hold the base member and the panel at the building line as shown on the left. The most commonly used method is shown on the right for insulation thickness of 3" – 4".

NOTE: Recommended method of installing base trim is with the use of a laser base transit, leveling each 12' section individually can create inconsistent spacing where panel meets trim. If adjustments need to be made, adjust several panels until desired result. Too much adjustment in a single panel will be noticeable.



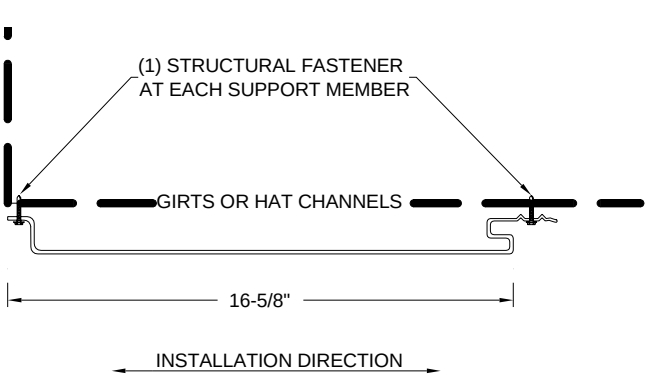
NOTE: Mitered corners are not available and must be fabricated in the field.

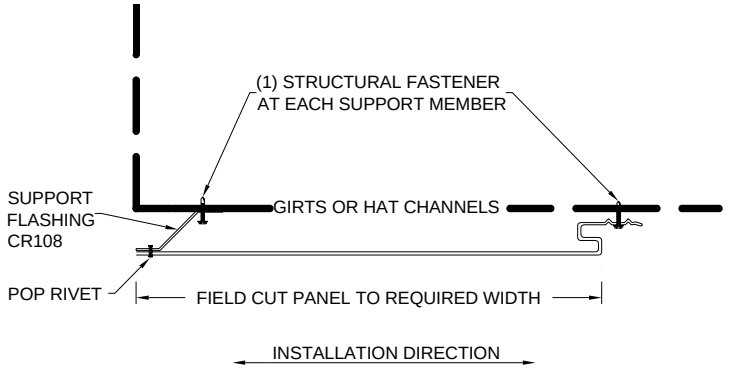
STARTING PANEL INSTALLATION

Depending on the panel placement for your elevation, you may be required to field cut the first panel to a special width or you may be able to start with a full-uncut panel.

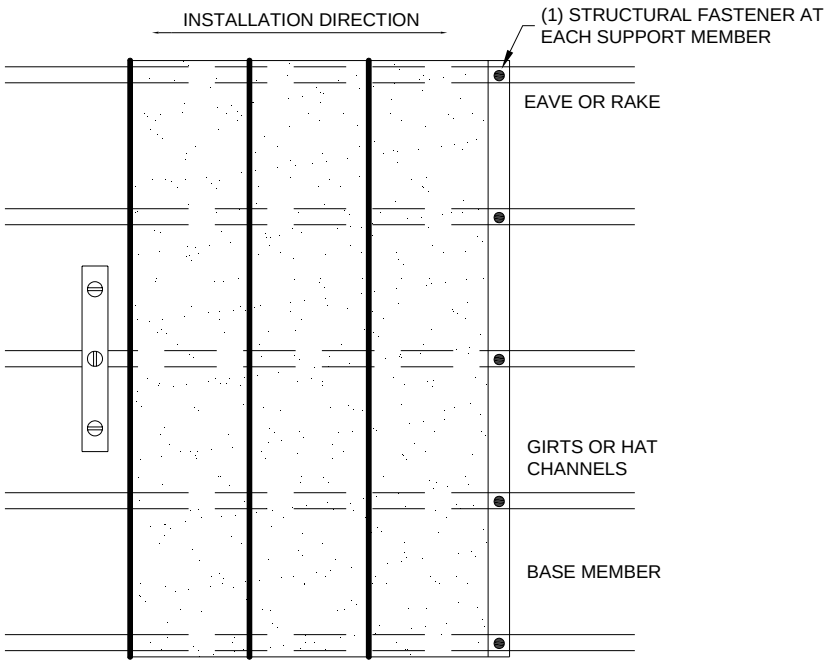
The detail on the left can be used when the length of the wall can be divided by 1.33” fairly evenly. The detail on the right is for all other conditions, conditions when a balanced look is required for an odd length wall. When cutting is required, electric shears or the use of the supplied metal cutting blade are recommended.

NOTE: Panels can be installed starting from left or right side of elevation as preferred.





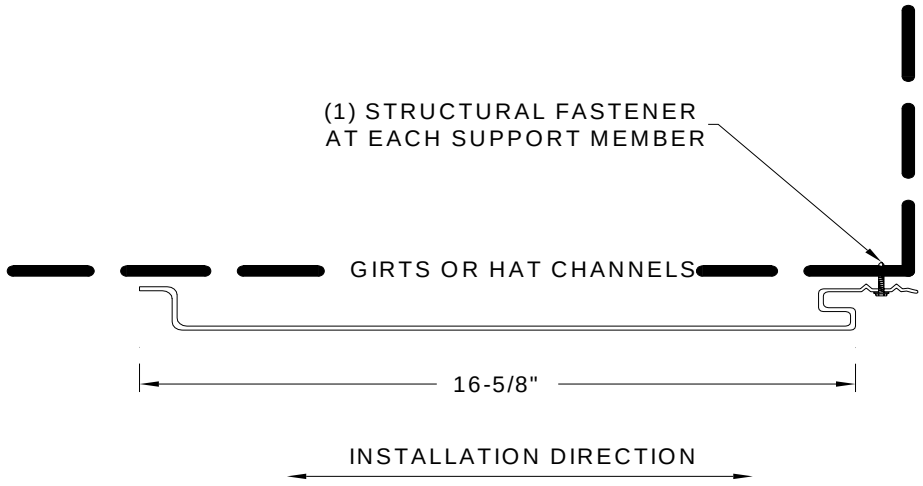
NOTE:
The use of lightweight gloves are always recommended to help keep installed panels clean as well as to protect the hands from the abrasive finish.



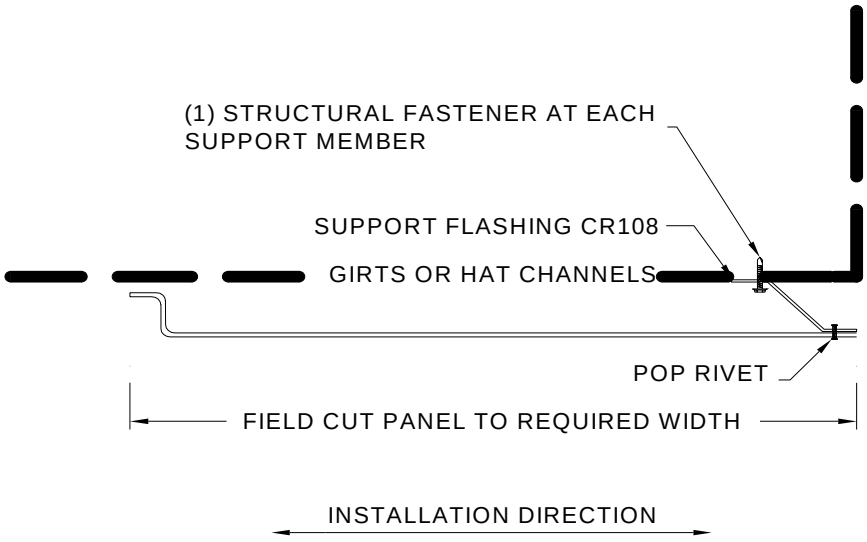
ENDING PANEL INSTALLATION

Similar to the starter panels, you may or may not end the panel run with a full width panel. The necessary parts and cutting details are similar.

FULL PANEL

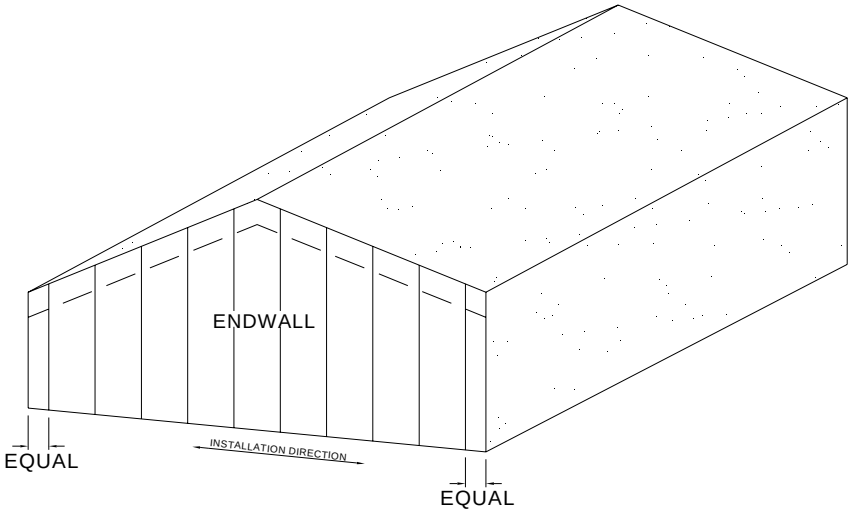


FIELD CUT PANEL



STRUKTUROC WALL PANEL

INSTALLATION PROCEDURES

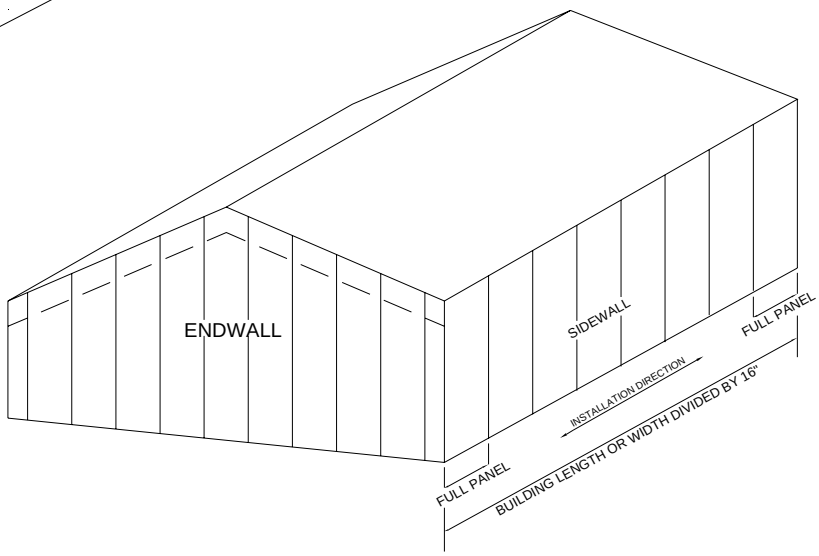


IMPORTANT: Do not attempt leveling each individual piece of drip cap. The smallest difference from one piece to the next can make it extremely difficult to maintain a uniform line where the panel meets the drip cap.

Note: End wall panels are not supplied to pitch of roof. The Panels will need to be cut in the field.

When the building length or width can be divided by an even number of 16” wide, beginning with a full panel may be preferred.

“Installation Tip”



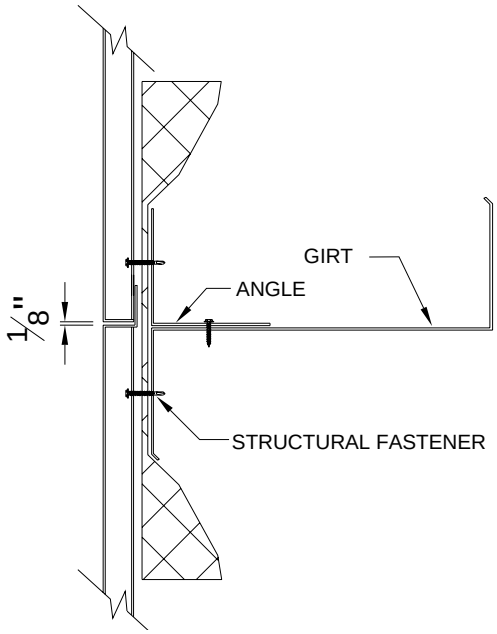
It is strongly recommended that before ordering or installing Stucco Wall Panels, the layout or module of the 16” wide panels should be evaluated for appearance. Because the panels can only be installed from left to right, field cutting on the first and last panel may help in providing a symmetrical layout of the panels.

STACKING PANELS

When the required Wall Panel length exceeds the maximum 24' production capability, a horizontal splice will be required. This splice needs to be placed at a horizontal support location in order to secure the top of the lower panel and the bottom of the upper panel. Generally, on a pre-engineered steel building, not utilizing Hat Channel, a support angle attached to the girt will be required as shown below.

The lower panel has a 1" vertical leg which extends above the face of the panel. The upper panel overlaps this vertical leg. When seated, the horizontal gap will have same appearance as vertical. Sealants are not required at horizontal laps and are not supplied unless specifically ordered.

NOTE: Applications utilizing Hat Channels will use part # CR209 that eliminates the need for a support angle.

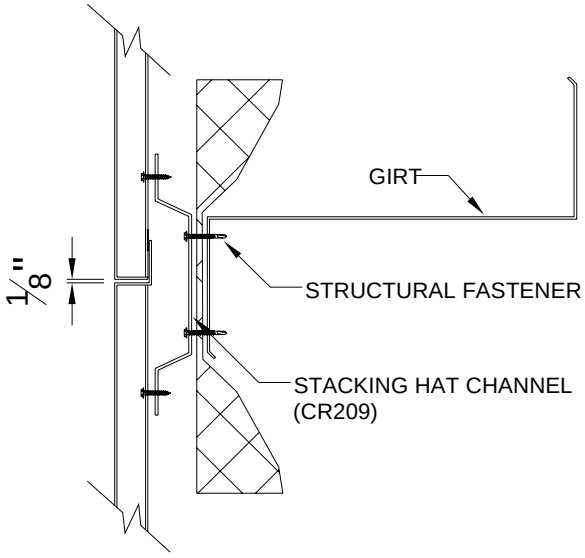


STANDARD

End walls

Panels located on end-walls are cut to desired pitch in the field. Panels can be cut one at a time at ground level or multiple panels can be installed projecting past eave and can be cut with special blade installed in circular saw.

NOTE: This method offers a faster installation and requires an additional person to keep cut panel from falling to the ground.



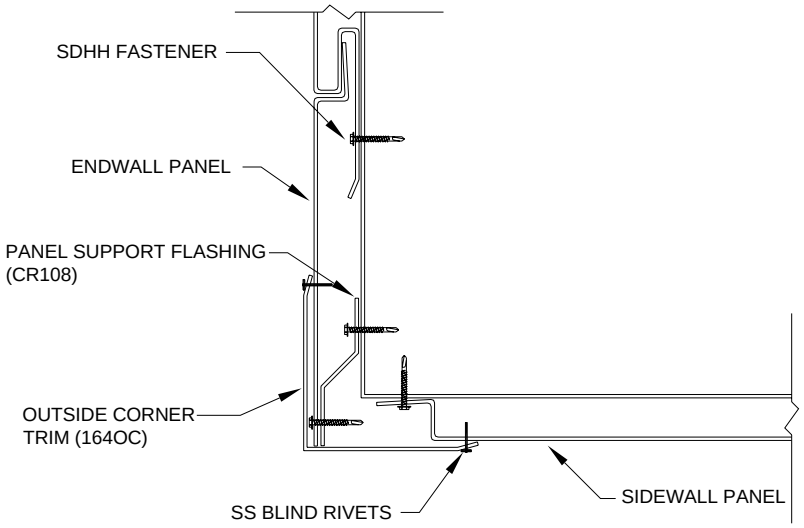
WITH HAT CHANNEL

OUTSIDE AND INSIDE CORNERS

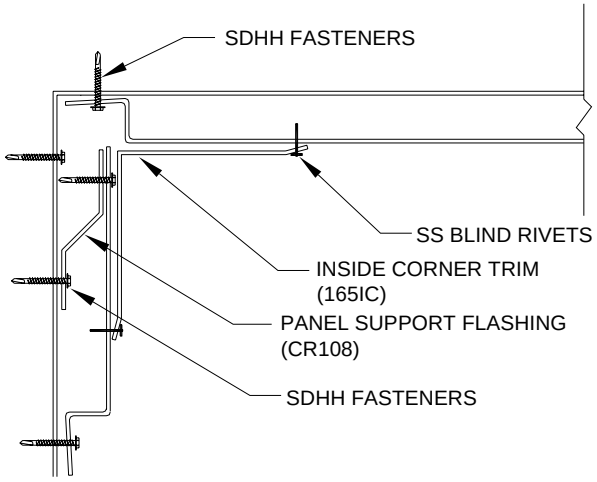
Outside and inside corners are simply attached to the wall panel with blind rivets at approximately 2'-0" on center along each side of the corner. All trims are supplied in 12'-0" lengths. When a length of greater than 12'-0" is required, multiple pieces and a 2" lap is required.

Note: Field painting of the blind rivets will be required. Rivets and touch up paint are furnished with each Stucco Wall Panels project. Placement of rivet should be in beveled edge of corner to eliminate undesirable cupping of trim.

OUTSIDE CORNER



INSIDE CORNER

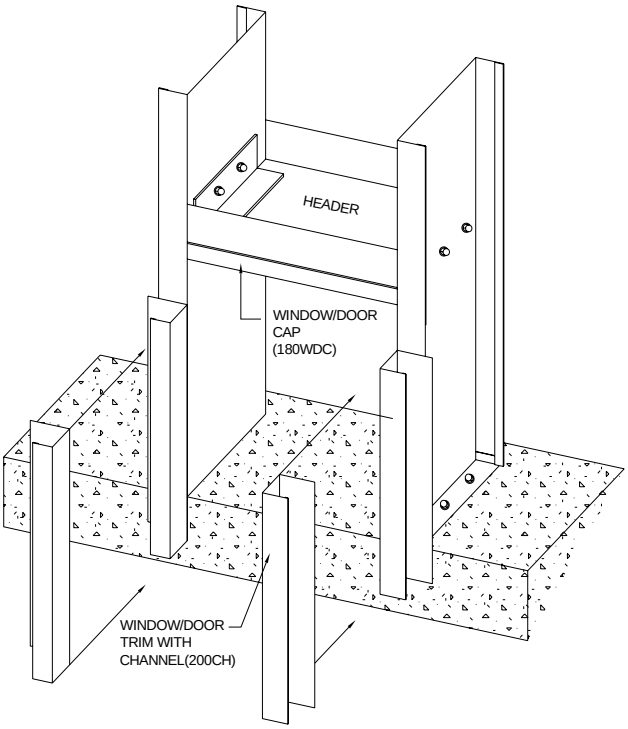


DOOR FRAMED OPENINGS

Step #1

The Stucco Wall Panel standard framed opening system does not change because of the Stucco Wall Panels sheeting system.

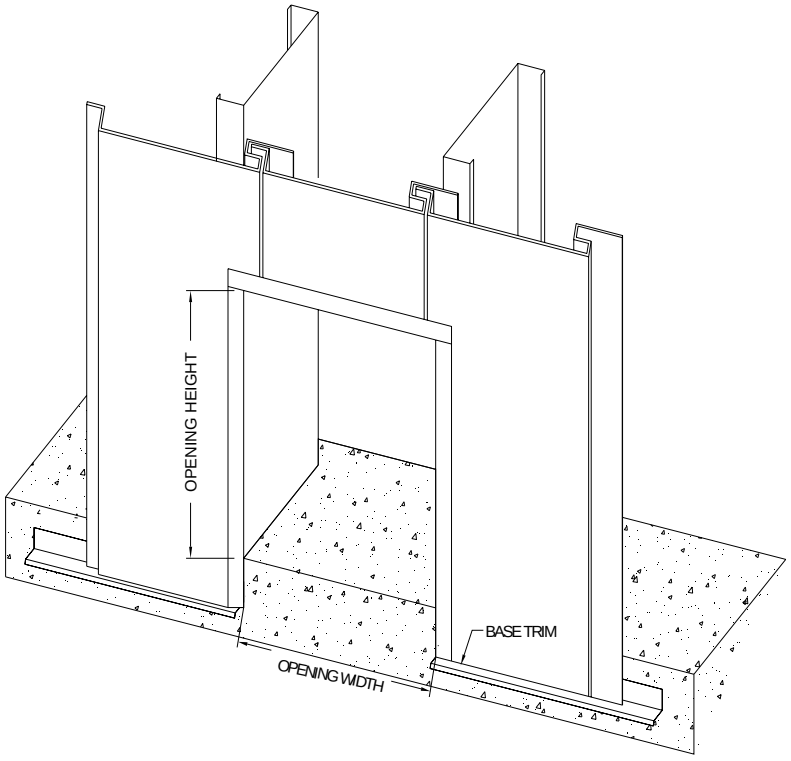
Support flashing (CR108) is added to the outside of the building's jambs to reinforce the cut edge of the panel.



FRAMING

Step #2

Once the Sub Jambs are in place, the Stucco Wall Panel may be installed. Cut panels will simply slide into J-channel between Support flashing and backside of J-channel. No fasteners are required.



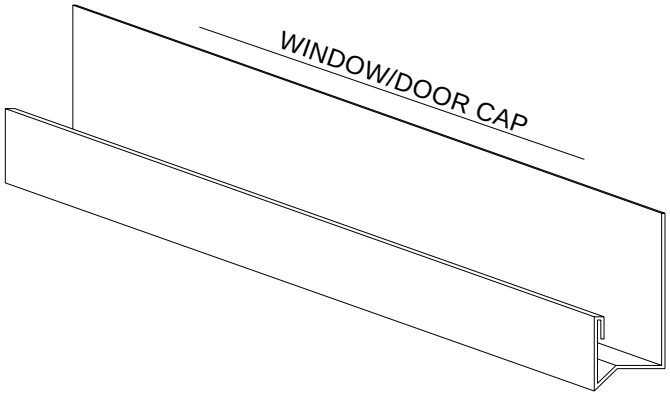
SHEETING

DOOR FRAMED OPENING TRIMS

Step #3

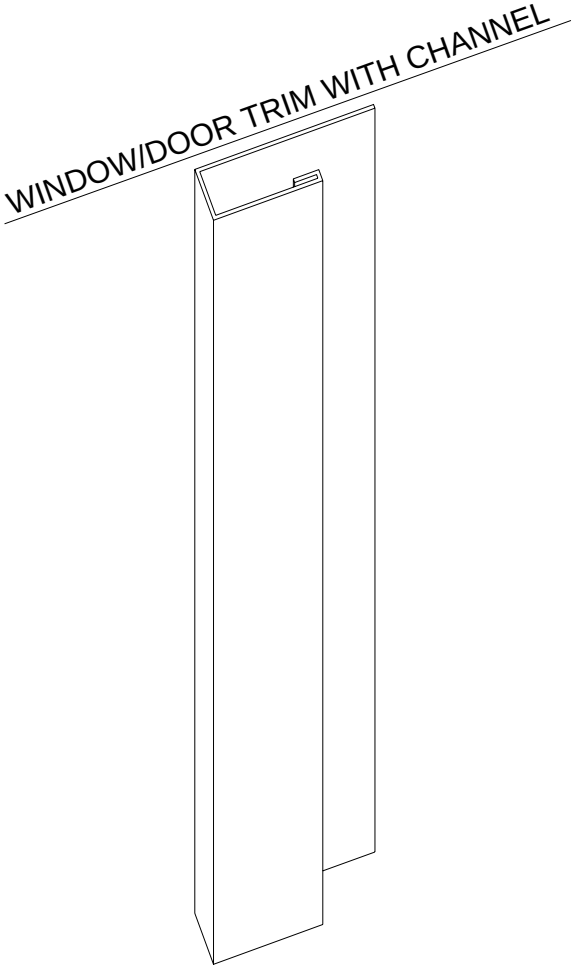
Cutting Trims

The following parts are supplied to match the Wall Panels finish for door frame openings. Each trim is shown with the recommended field cut dimensions. Always double check your measurements before cutting trims.



180WDC WITH HAT CHANNEL
180WDC-2 WITHOUT HAT CHANNEL

Please note: The door jamb covers are not included as part of the Stucco Wall Panels standard product and should be ordered as separate items. A color and textured matched jamb flashing is available as an option. See page 21



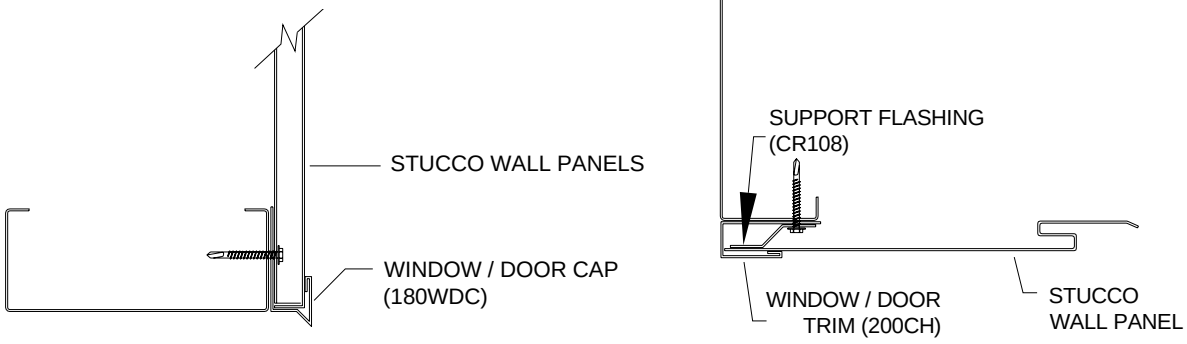
200CH WITH HAT CHANNEL
250CH WITHOUT HAT CHANNEL

Important: After cutting in openings, make certain metal shavings are removed from all surfaces. Inadequate removal could cause rust, creating stains in product finish.

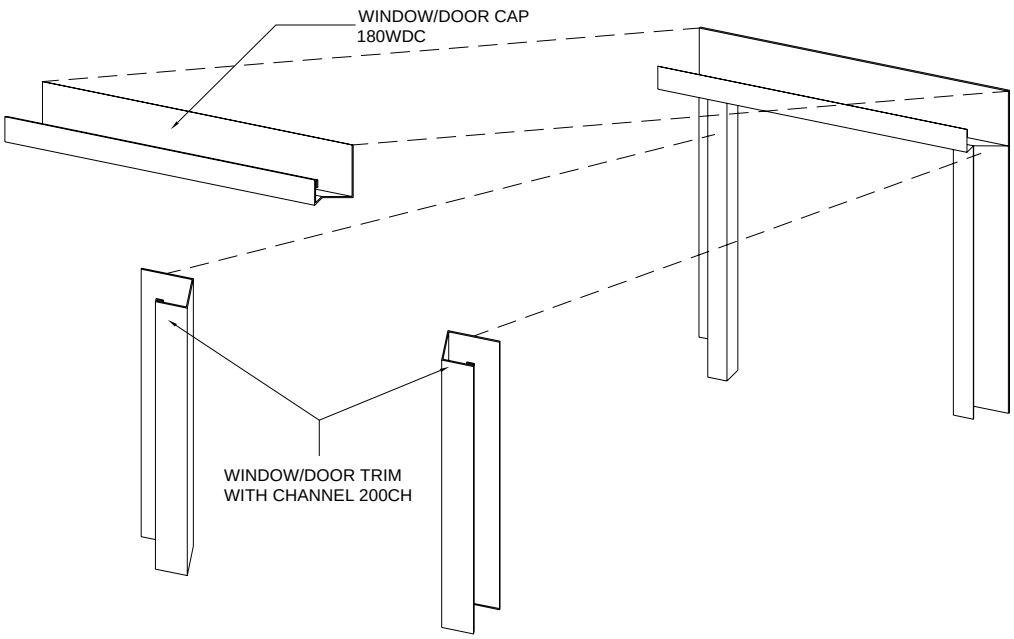
Door Framed Opening trims

Step #4

Installing Trims



HEADER **JAMB**



NOTE: Overall window/door cap should equal distance from outside edge to outside edge of the installed J-Channel.

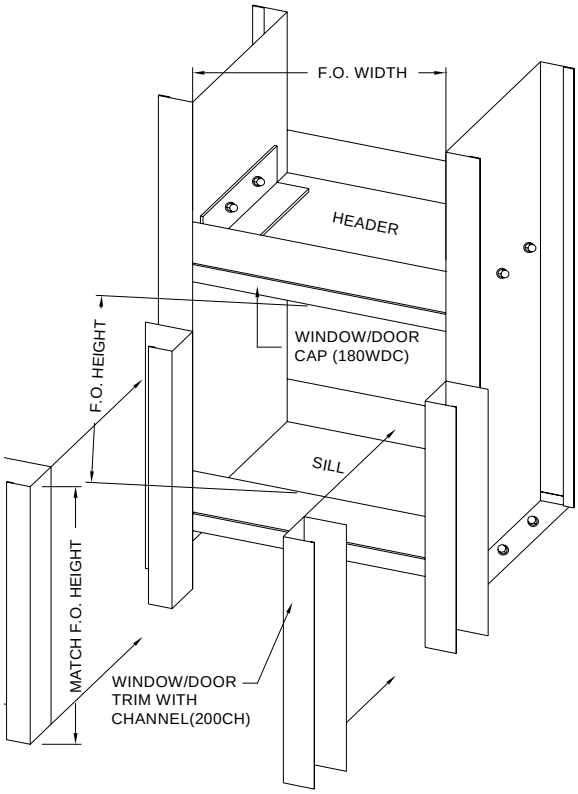
RECOMMENDATION: When next panel installed overlaps opening, mark at top of installed J-Channel. With saw, notch panel to depth equal to face width of channel. Install panel and slide cap into notch. Secure cap to frame, treat notch with sealant and touch-up paint.

WINDOW FRAMED OPENINGS

Step #1

The Stucco Wall Panels standard frame opening does not change because of the Wall Panels sheeting system.

Support Flashing (CR108) is utilized along window and door sides to hold the back of the cut panel against the back of installed J-trim.

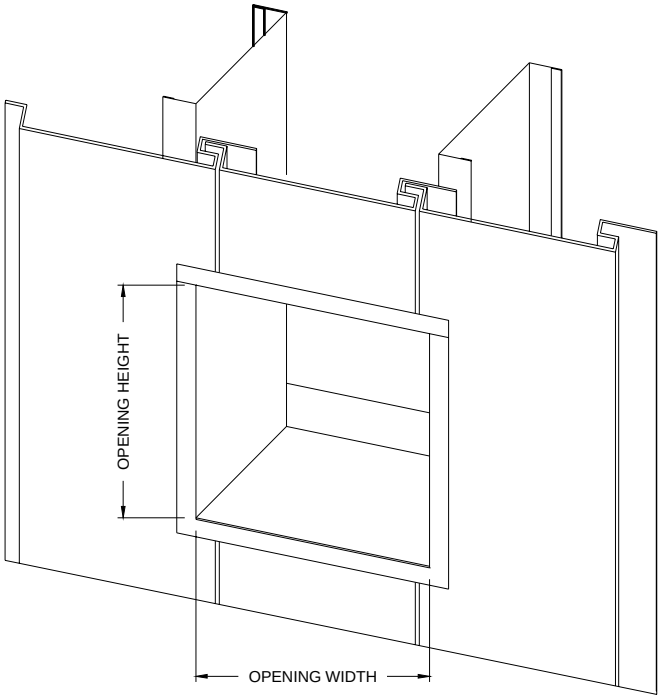


FRAMING

Step #2

Once the J-channels are in place, the Wall Panels may be installed.

Note: Support Flashing (CR108) is only utilized along the window and door sides, along with right ends of building elevations.



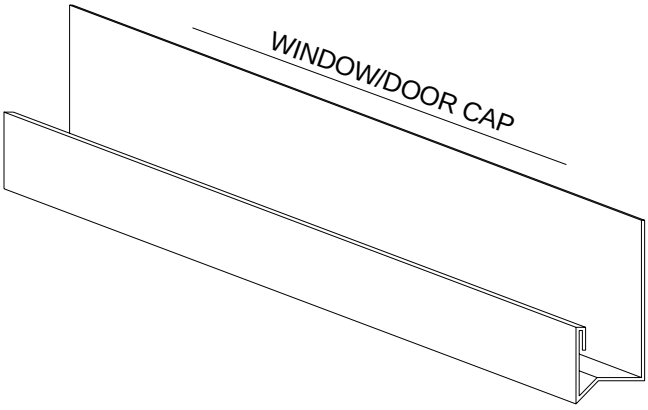
SHEETING

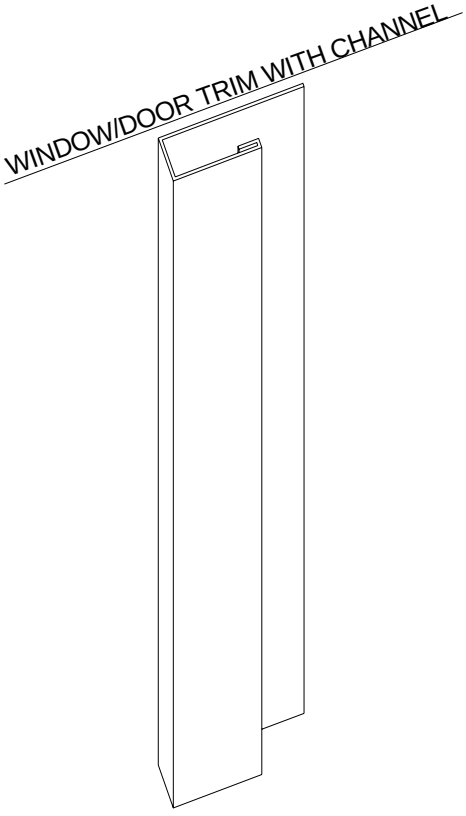
WINDOW FRAMED OPENING TRIMS

Step #3

Cutting Trims

The following parts are supplied to match the Stucco Wall Panels finish for window frame openings. Each trim is shown with the recommended field cut dimensions. Always double check your measurements before cutting trims.





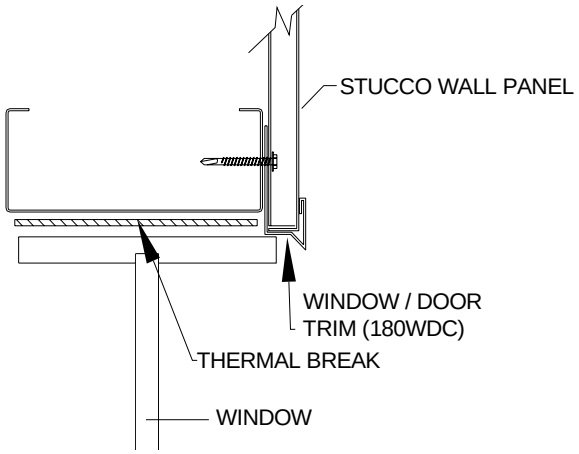
Please note: The window jamb covers are not included and must be ordered separately.

Part of the standard Wall Panel package. A color match flashing is available as an option. See page 21

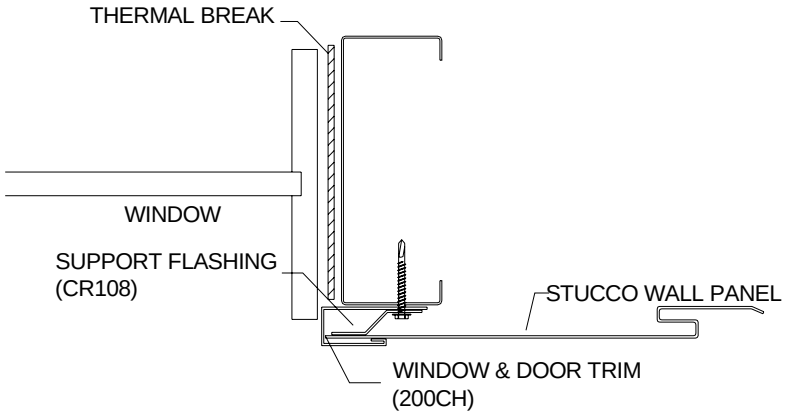
Important: After cutting in openings, make certain metal shavings are removed from all surfaces. Inadequate removal could cause rust, creating stains in product finish.

STRUKTUROC WALL PANEL

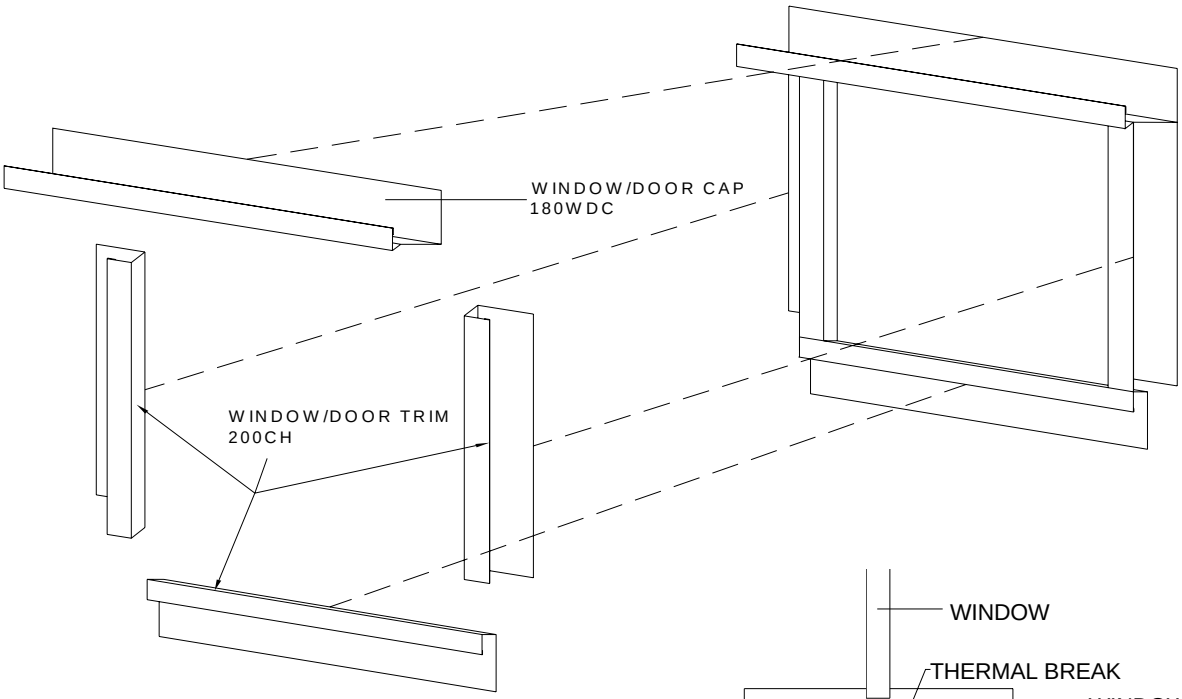
WINDOW FRAMED OPENING TRIMS

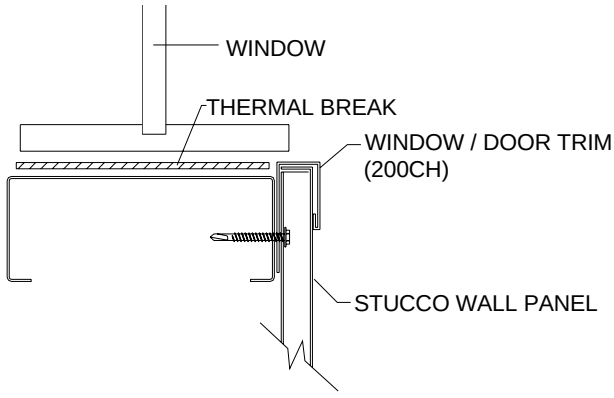


HEADER DETAIL



JAMB DETAIL

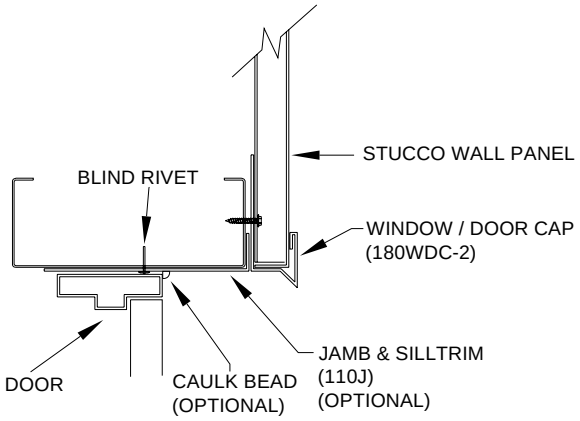




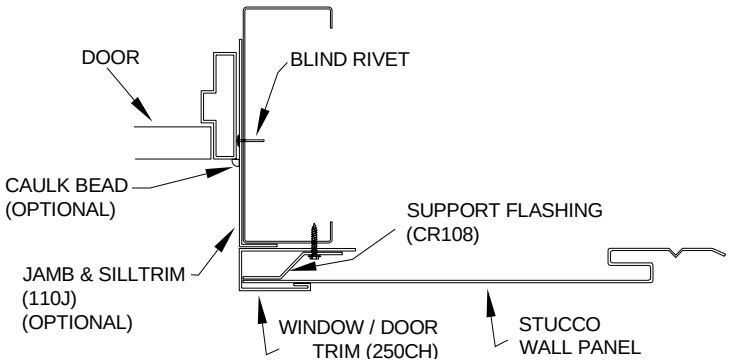
WINDOW SILL DETAIL

INSET DOOR & WINDOW CONDITION WITHOUT HAT CHANNEL

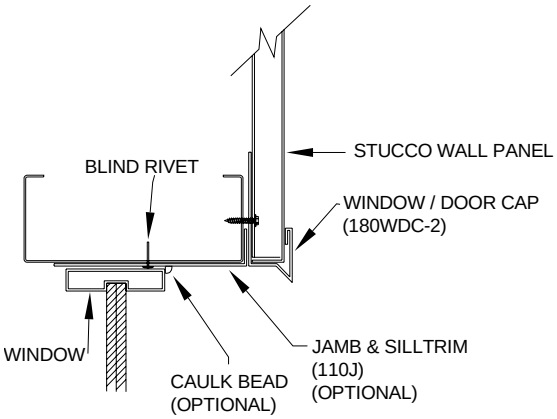
Inset window condition requires the use of a sill cover. The cover extends from the window frame out to the face of the installed J-channel and has a 90º bend down over a portion of the J-channel face. This eliminates the use of caulk where the J-channel meets the sub frame. Side and top jamb covers are optional.



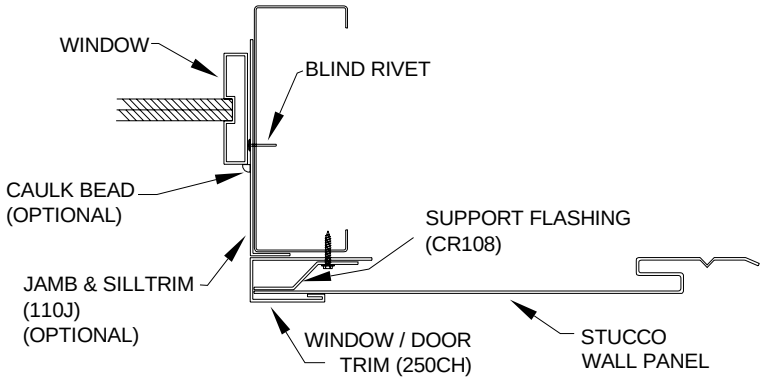
DOOR HEAD



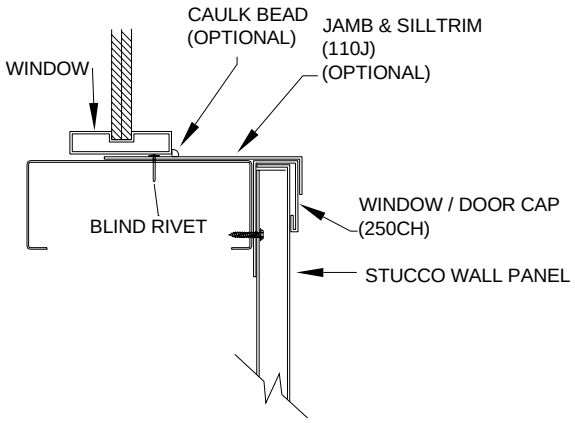
DOOR JAMB



WINDOW HEAD



WINDOW JAMB

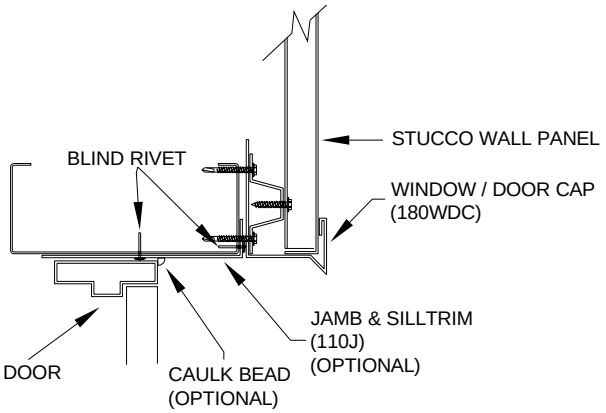


DOOR / WINDOW SILL

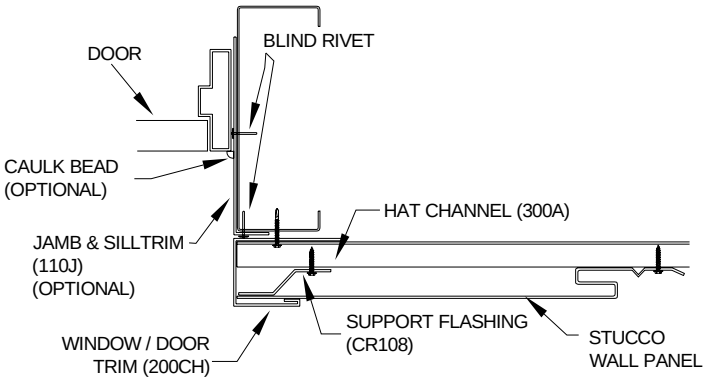
NOTE: All jamb and sill trim is 8” in depth unless otherwise requested

INSET DOOR & WINDOW CONDITION WITH HAT CHANNEL

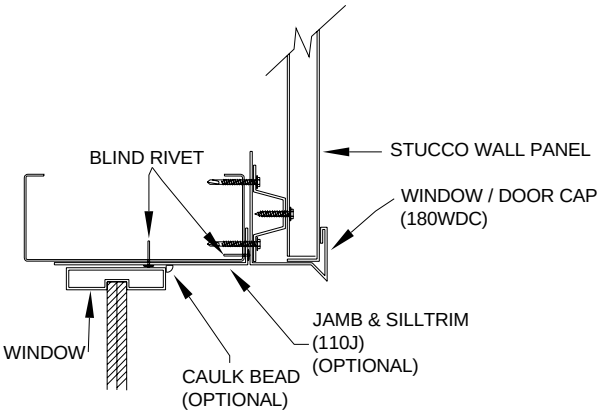
Inset window condition requires the use of a sill cover. The cover extends from the window frame out to the face of the installed J-channel and has a 90º bend down over a portion of the J-channel face. This eliminates the use of caulk where the J-channel meets the sub frame. Side and top jamb covers are optional.



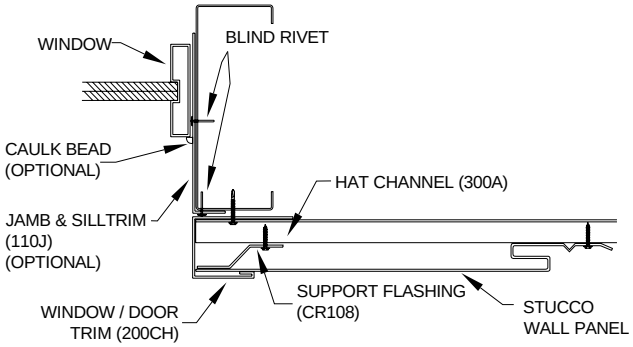
DOOR HEAD



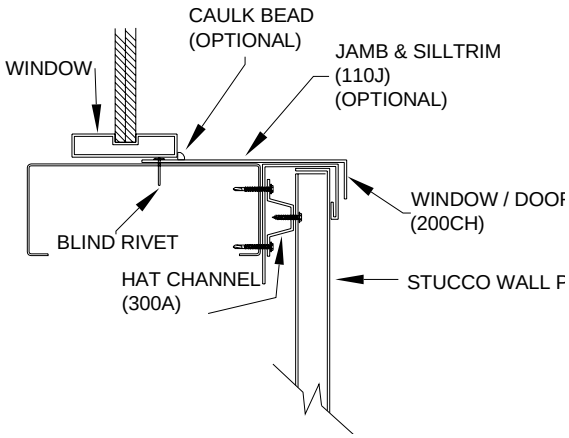
DOOR JAMB



WINDOW HEAD



WINDOW JAMB



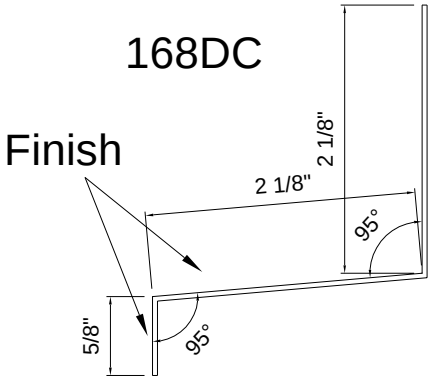
DOOR / WINDOW SILL

NOTE: All jamb and sill trim is 8” in depth unless otherwise requested

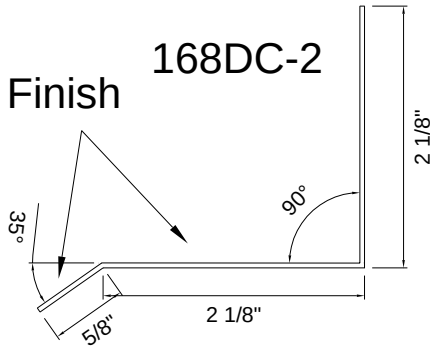
STRUKTUROC WALL PANEL

COMMON TRIMS-"WITH 7/8" HAT CHANNELS"

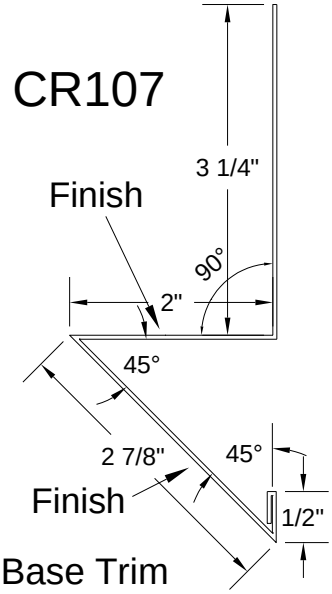
Several standard trims have been developed to maximize system appearance. These trims are made of 20 ga. and 24 ga. material. All trims are 12'-0"in length. Trims are factory formed to shape before the stucco finish is applied.
All standard trims match the siding color and texture. Corner trims are attached with blind rivets for a clean monolithic appearance.
Note: ***Blind rivets must be field painted with factory-supplied paint.***



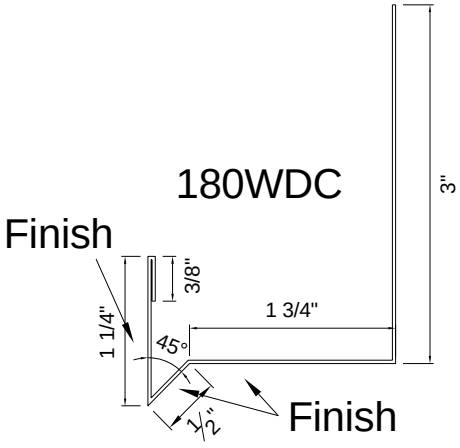
Base Trim
With 7/8" H.C.



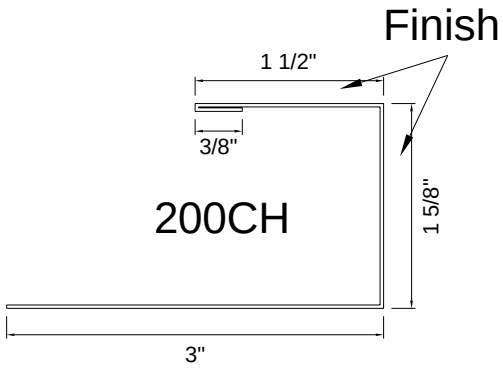
Base Trim
With 7/8" H.C.



Base Trim
With 7/8" H.C.



Window & Door Cap
With 7/8" H.C.

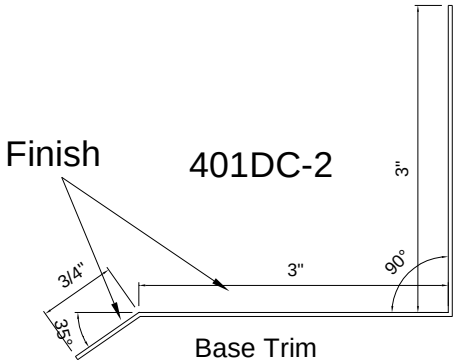


Window & Door Trim
With 7/8" H.C.

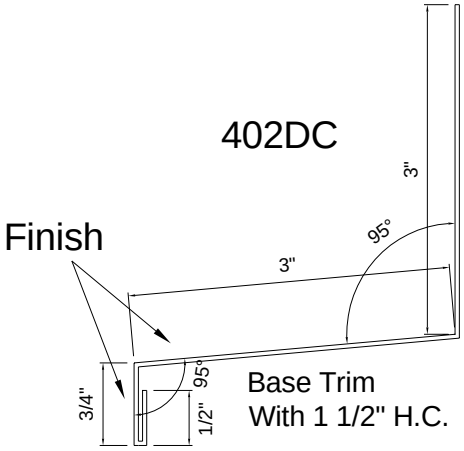
COMMON TRIMS-"WITH 1-1/2" HAT CHANNELS"

Several standard trims have been developed to maximize system appearance. These trims are made of 20 ga. and 24 ga. Galvanized material. All trims are 12'-0"in length. Trims are factory formed to shape before the stucco finish is applied. All standard trims match the siding color and texture. Corner trims are attached with blind rivets for a clean monolithic appearance.

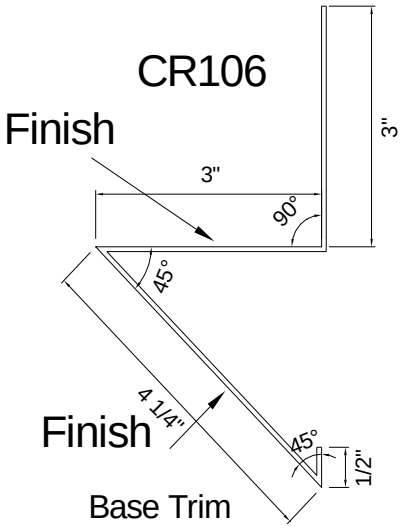
Note: ***Blind rivets must be field painted with factory-supplied paint.***



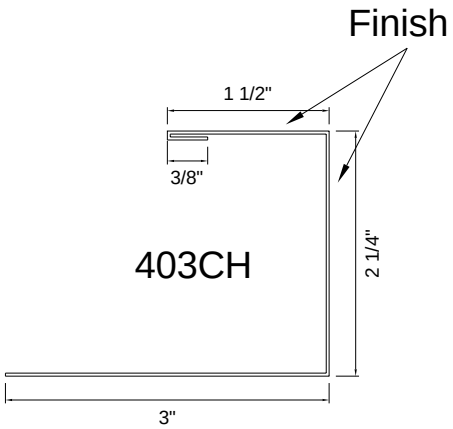
Base Trim
With 1 1/2" H.C.



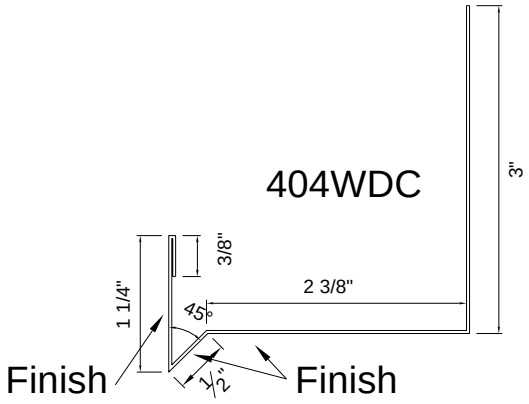
Base Trim
With 1 1/2" H.C.



Base Trim
With 1 1/2" H.C.



Window & Door Trim
With 1 1/2" H.C.

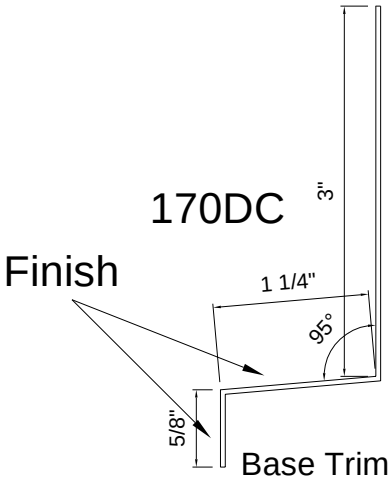


Window & Door Cap
With 1 1/2" H.C.

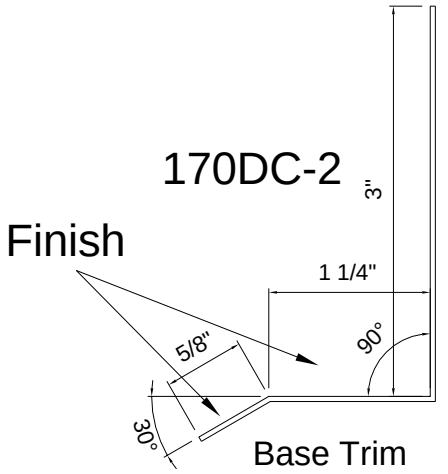
COMMON TRIMS-"WITHOUT HAT-CHANNELS"

Several standard trims have been developed for application not utilizing Hat-Channel. These trims are made from 24 ga. Galvanized material. All trims are 12'-0" in length. Corner trims are factory formed to shape before the stucco finish is applied. All trims match the siding color and texture.

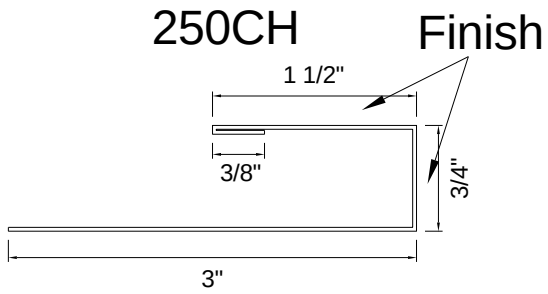
Note: ***Blind rivets must be field painted with factory-supplied paint.***



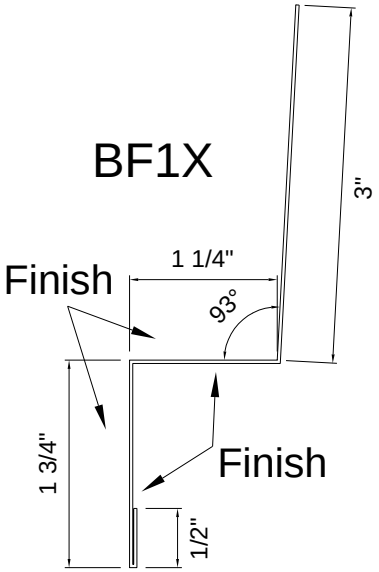
Base Trim
Without H.C.



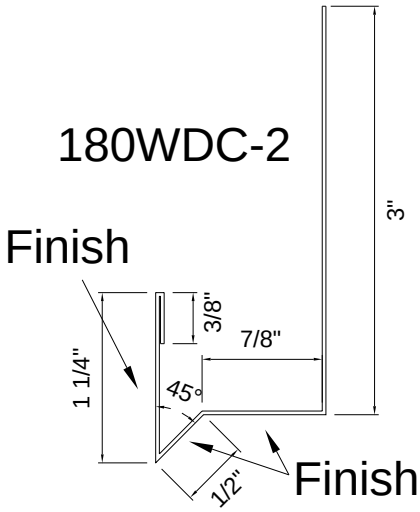
Base Trim
Without H.C.



Window & Door Trim
Without H.C.



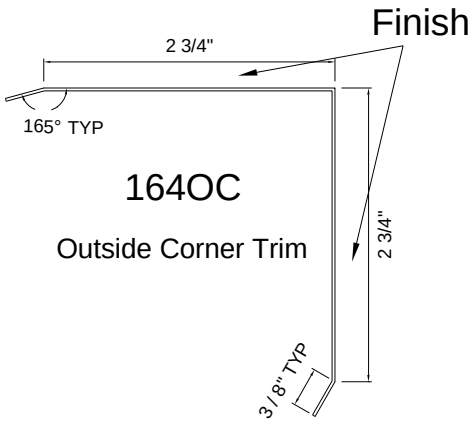
Fascia Drip Cap



Window & Door Cap
Without H.C.

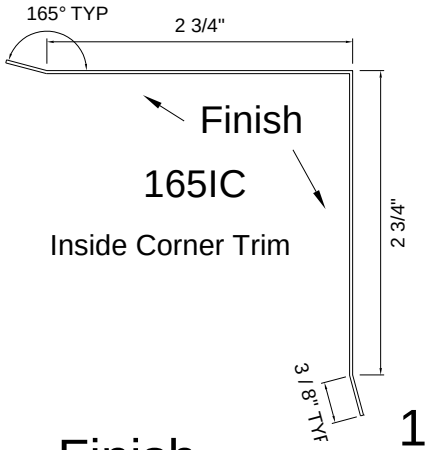
STRUKTUROC WALL PANEL

COMMON TRIM - "UNIVERSAL"



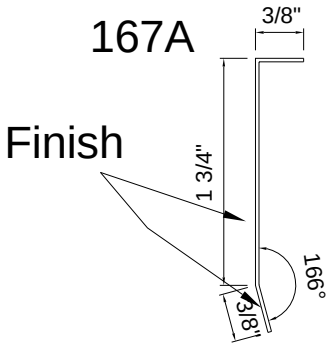
164OC

Outside Corner Trim

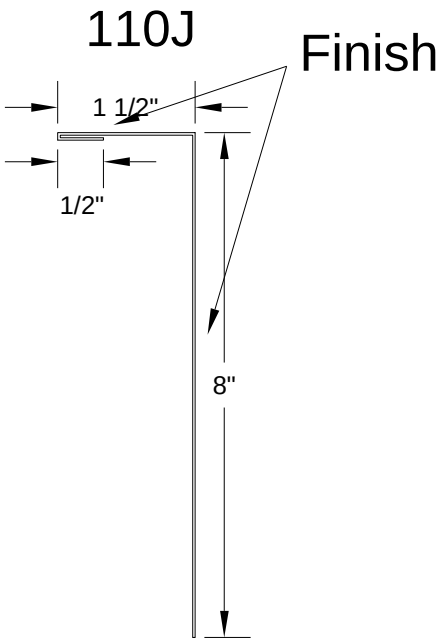


165IC

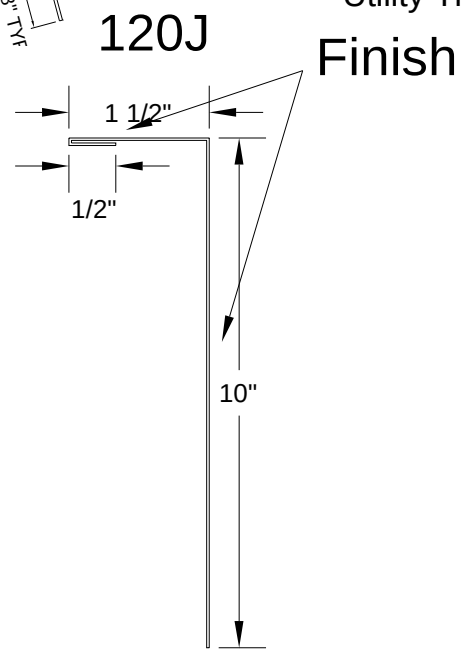
Inside Corner Trim



Utility Trim

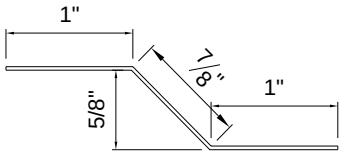


Jamb & Sill Trim



Jamb & Sill Trim

CR108

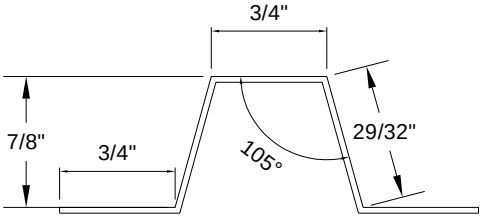


NO TEXTURE

STRUKTUROC WALL PANEL

COMMON TRIMS- "7/8" HAT-CHANNELS & FASCIA TRIMS"

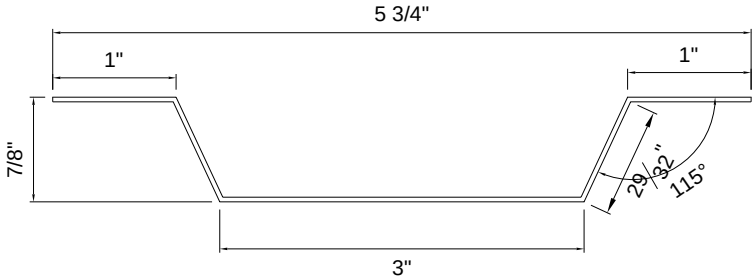
300A



NO TEXTURE

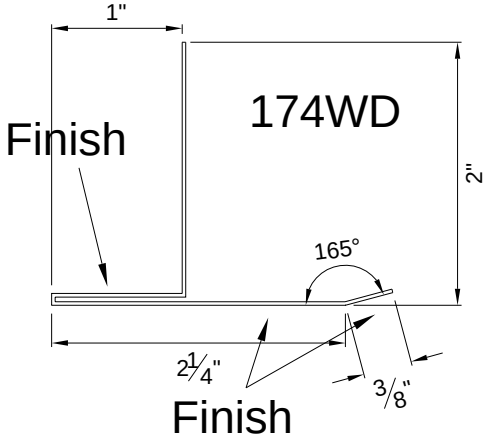
7/8"Hat-Cannel (H.C.)

CR209

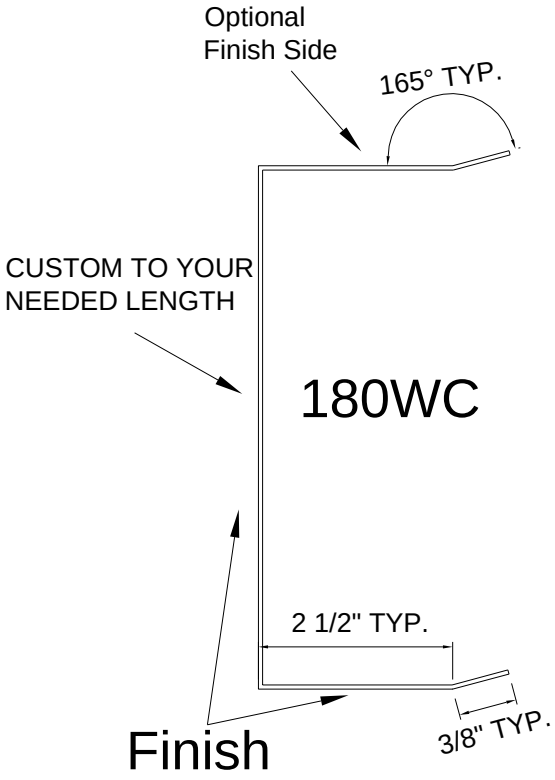


NO TEXTURE

Stacking 7/8" Hat Channel (H.C)



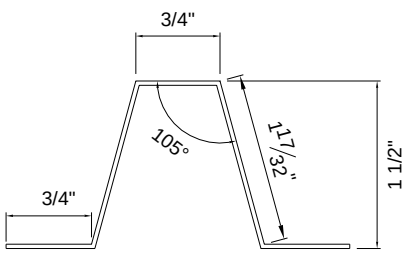
Fascia Base Trim



Fascia Cap Trim

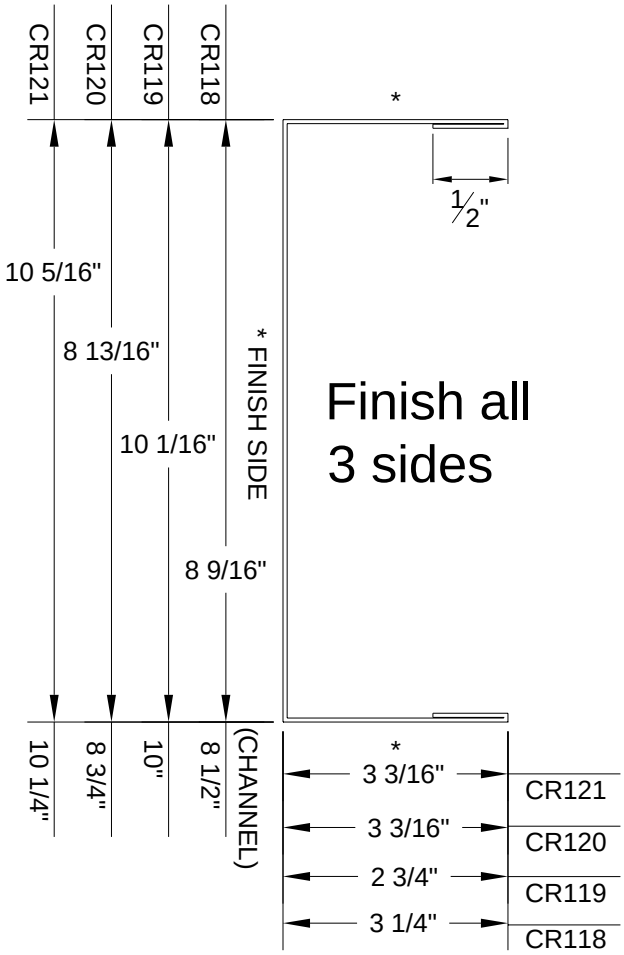
COMMON TRIMS-“ 1-1/2” HAT-CHANNELS

400A

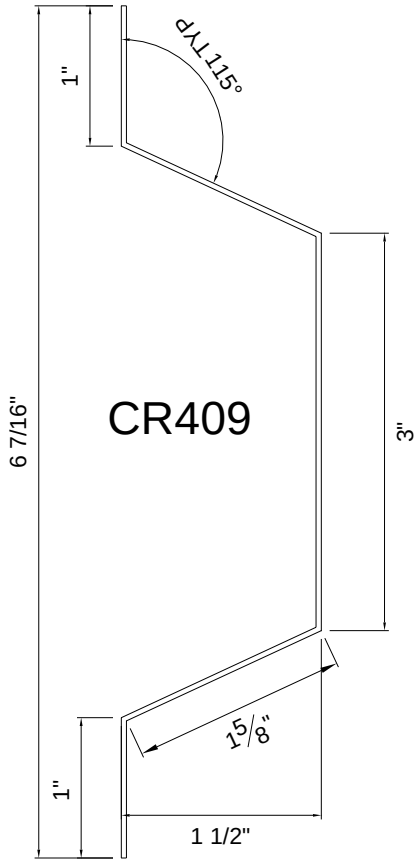


NO TEXTURE

1 1/2"Hat-Cannel (H.C.)



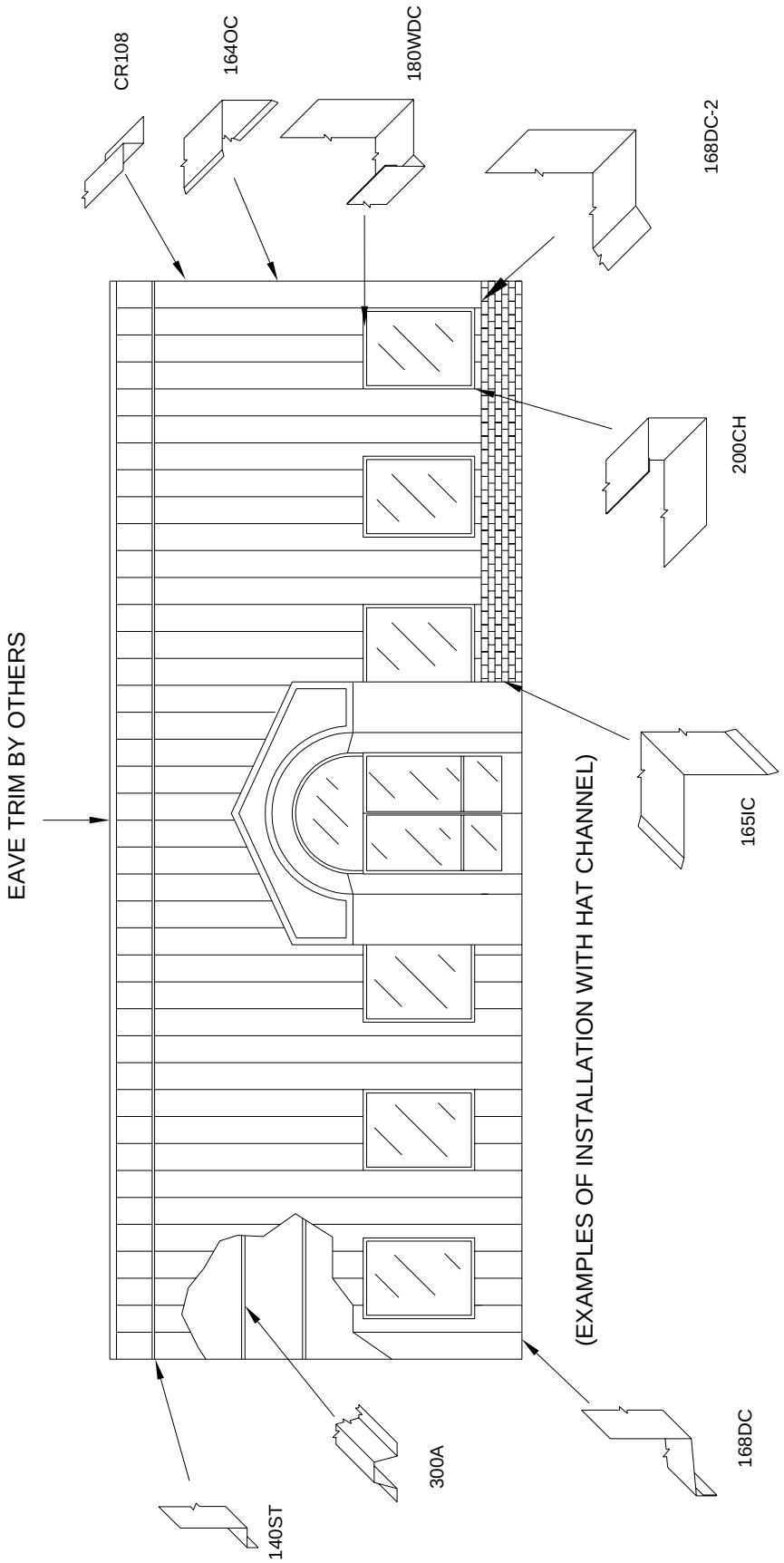
Channel Closure Trim



NO TEXTURE

Stacking 1 1/2" Hat Channel (H.C)

TRIM LOCATIONS



Surface Cleaning Procedures

In the event that dirt, mud or other contamination occurs on panels surface, follow steps outlined below.

1) A Standard garden hose with pressure nozzle is usually sufficent to remove most jobsite contamination.

2) If a pressure sprayer is readily available, caution should be exercised with its use. Pressure sprayers capable of over 2000 psi should not be held closer than 3' away from the panels surface and for sustained periods of more than 30 seconds in any particular area.

3) Stains that occur as a result of soil with high iron content can be particulary difficult to remove. It is not uncommon to have "splash-up" onto the lower wall as a result of eave conditions and uncompleted landscaping. If contamination is allowed to remain on panel surfaces for a prolonged period (several days) a stain may occur. It is recommended that removal of dirt be a part of daily clean-up which will help ensure permanent staining does not occur.

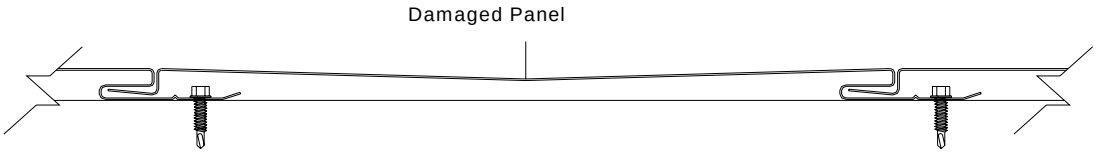
If the methods above do not result in removal of contamination, contact your customer service representative.

STRUKTUROC WALL PANEL

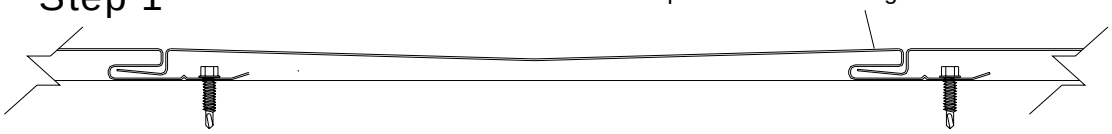
Panel Replacement Procedure

The Strukturoc wall panels can be replaced without removing the entire wall. One panel or more can easily be replaced when simply following these steps below.

****NOTE** Careful planning and preparation must be taken when replacing the panel by protecting the adjacent panels from the hot metal shavings and scarring from the circular saw when cutting the panel. The use of plywood sheathing to protect the surface of the non damaged panel is recommended.**



Step 1

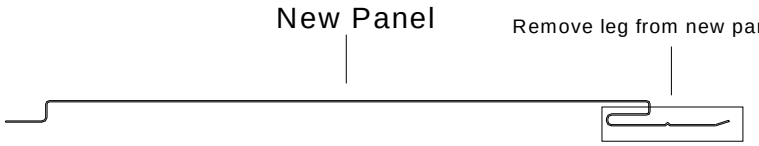


Cut panel approx. 1/4" from the right edge from Bottom to top. Remove as much of the panel possible and protect the surface of the adjacent panel from hot metal shavings and scaring from the circular saw.

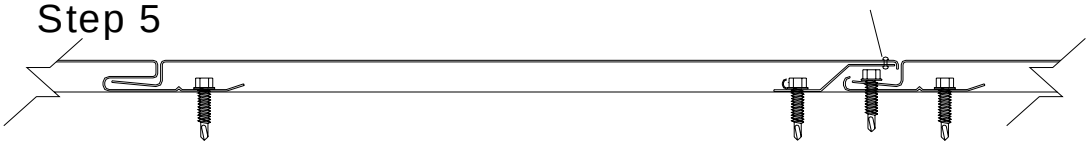
Step 2

Step 3

Step 4



Step 5



Install new panel inserting the left edge into the remaining tab an rotating down to the support flashing (CR108). Use blind pop rivets to attach the panel to the CR108 at 18" on center and cover the head of the pop rivets with the matching textured touch-up paint.