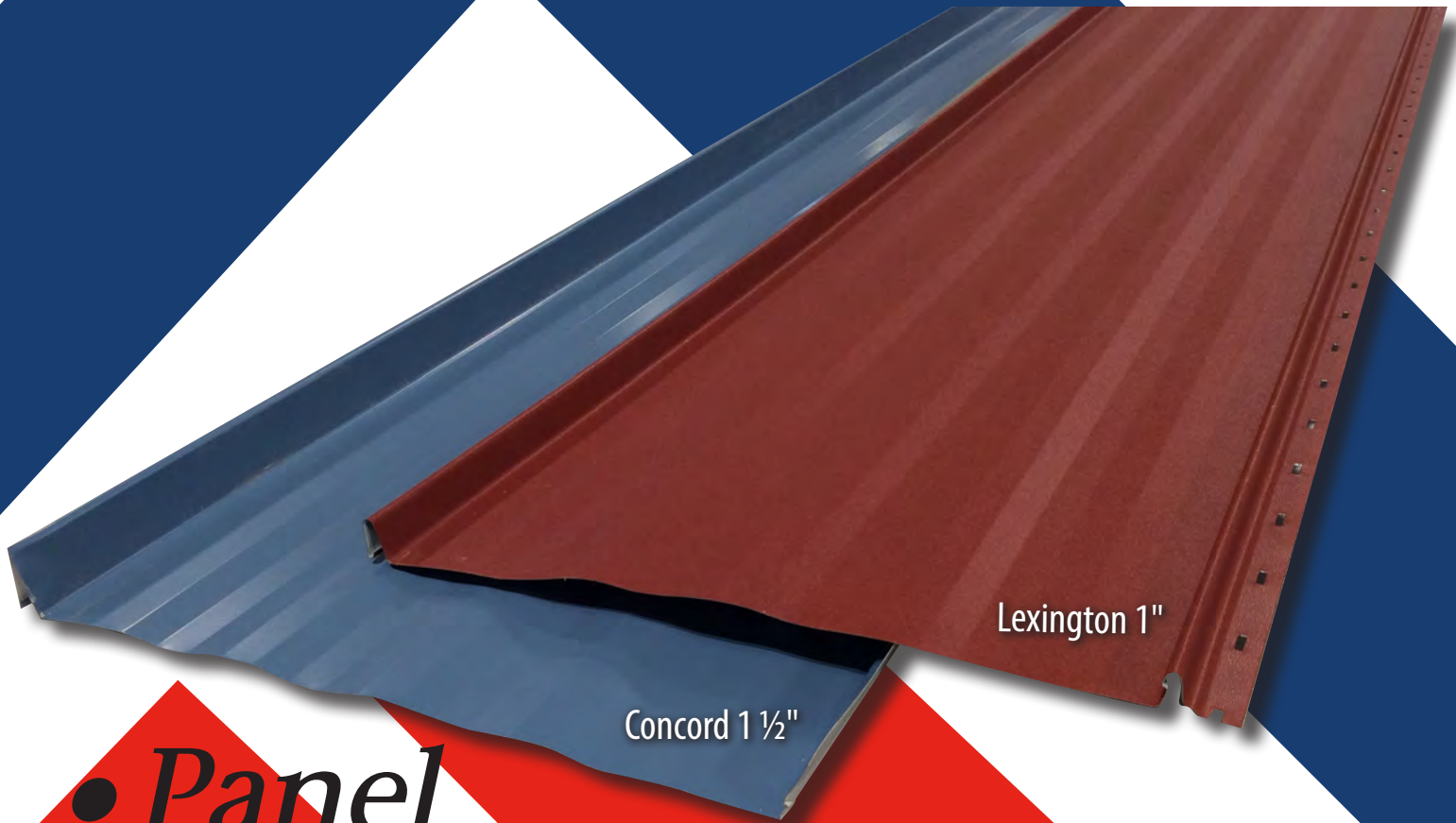


# LEXINGTON & CONCORD

Standing Seam  
Concealed Fastener Systems



- *Panel*
- *Trim*
- *Accessories*
- *Installation*

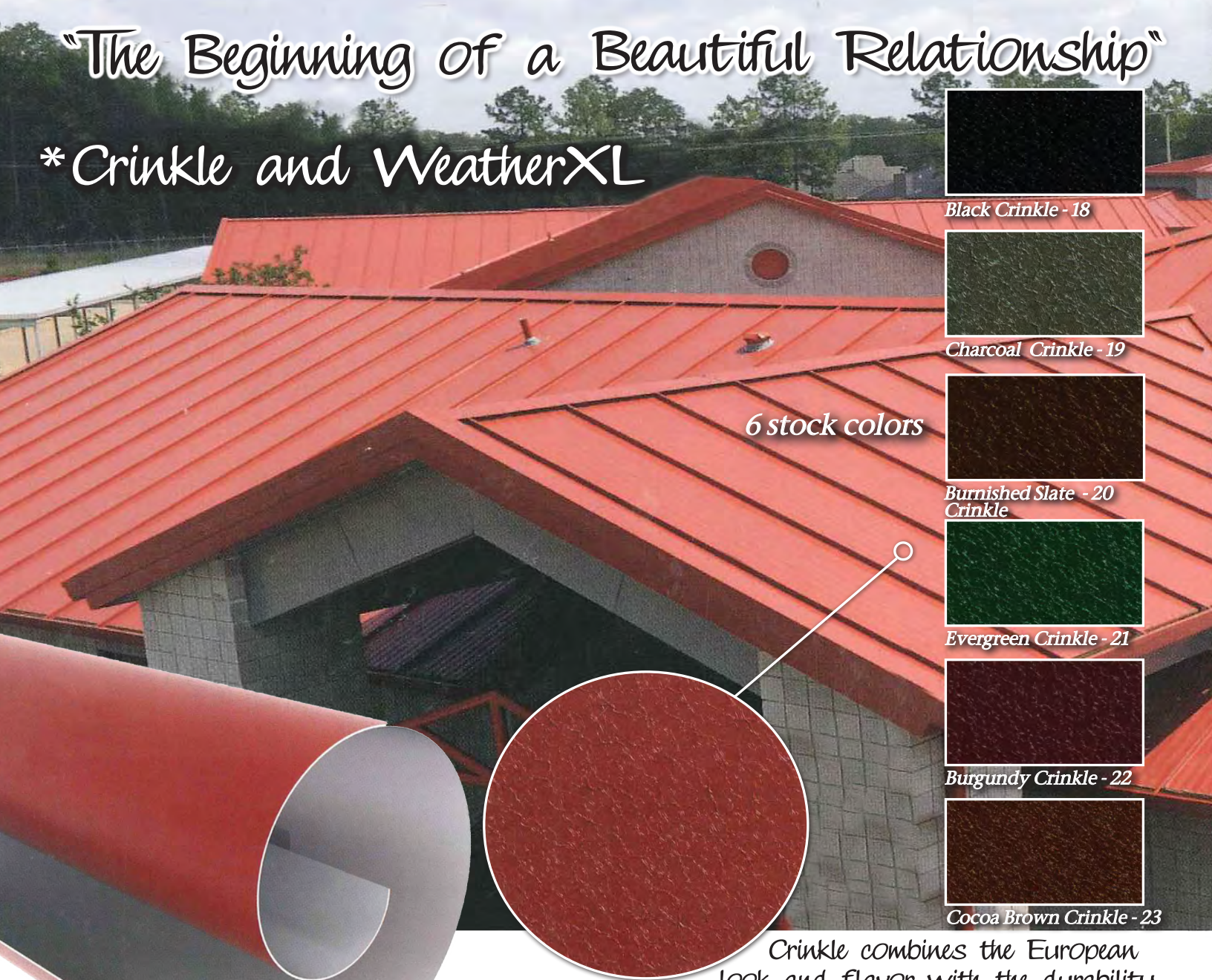
[www.allamericansteel.net](http://www.allamericansteel.net)

608-377-7200



# "The Beginning of a Beautiful Relationship"

## \*Crinkle and WeatherXL



6 stock colors

Black Crinkle - 18

Charcoal Crinkle - 19

Burnished Slate - 20  
Crinkle

Evergreen Crinkle - 21

Burgundy Crinkle - 22

Cocoa Brown Crinkle - 23

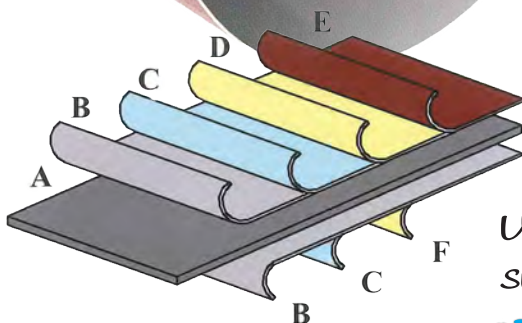
Crinkle combines the European look and flavor with the durability of WeatherXL™ breakthrough technology.

Let your eyes play over the surface, and delight in how it breaks up the light creating an endless series of shifting, shimmering tones. But the beauty is not skin deep, because Crinkle features enduring weatherability and the best resistance yet to fading, scratching and chalking.

Unique Crinkle texture perfection for the ages and the new super strength finish of WeatherXL™

## "The beginning of a beautiful relationship."

\*All American Steel uses exclusively Valspar WeatherXL™ silicone modified polyester paint recognized in the industry for its remarkable color and gloss retention as well as the best resistance yet to chalking and fading. All of our painted roofing and siding panels are covered by our forty-year paint warranty and WeatherXL™.

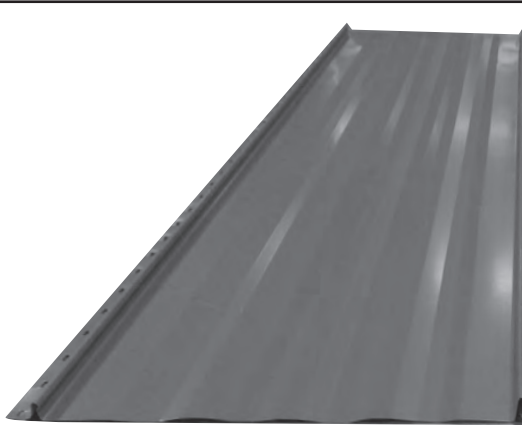


- A. Cold Rolled Steel Sheet
- B. Corrosion blocking  
Galvanized or Galvalume
- C. Paint Pretreatment
- D. Primer
- E. WeatherXL™ Crinkle Finish
- F. Back/Washcoat

[www.allamericansteel.net](http://www.allamericansteel.net)

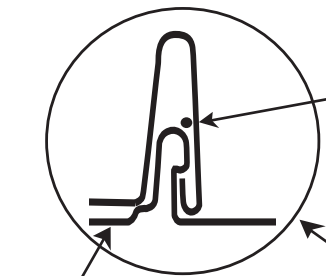
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**LEXINGTON**

Striated shown



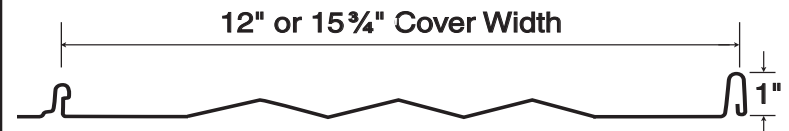
Sealant  
Optional Field Apply

Screw Strip

## PAN CONDITIONS



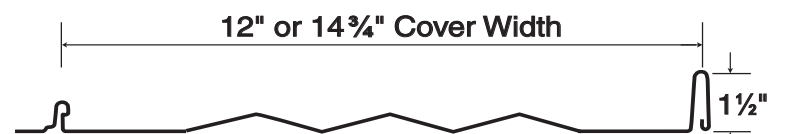
FLAT PANEL



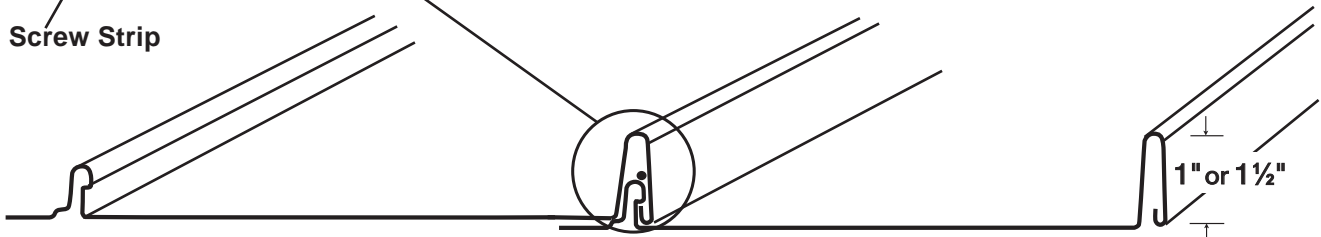
STRIATED PANEL



FLAT PANEL



STRIATED PANEL

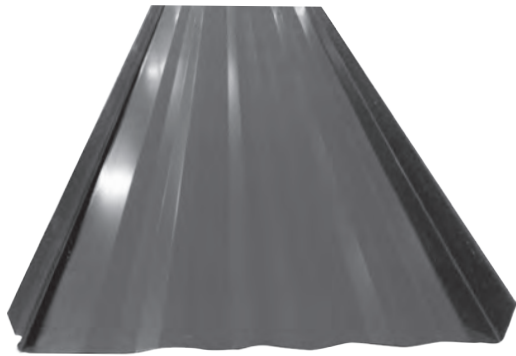


## LEXINGTON A DIRECT SCREW DOWN CONCEALED FASTENER METAL ROOFING SYSTEM

### INFORMATION:

- ▶ Lexington is our most popular standing seam system.
- ▶ Standard Finish - WeatherXL Crinkle.
- ▶ Optional Finishes - Smooth SMP and Kynar 500 (PVDF) are available with additional lead times.
- ▶ Seam Height - 1" or 1½".
- ▶ End Notch - Available upon request, extra charge.
- ▶ Substrate - Galvalume AZ55 or G90.
- ▶ Minimum Length - 3'9".
- ▶ Maximum Length - No maximum length. Panels are manufactured on job site.
- ▶ Minimum slope - 1" rib 3:12 pitch. 1½" rib pitch 1.5:12.
- ▶ Oil Canning - Inherent in all metal panels and is not cause for rejection. A signed panel waiver will be required for all flat and non-crinkle orders prior to production.
- ▶ Pan Condition - Striation or flat.
- ▶ Screw Pattern - 16" on center up to a 6:12 pitch. 24" on center maximum 7:12 pitch and over.
- ▶ Panel Field Strength - Lexington is not a structural panel. Lexington cannot be installed over open purlins.
- ▶ Deck Sheathing - Lexington should be installed over a solid structural deck. Minimum 15/32 OSB or ½" CDX. Also acceptable is the use of furring strips placed a maximum 16" on center over existing shingles.
- ▶ Sheathing Underlayment - High temperature underlayment is required. Epilay Ultra or equal. Temperatures of metal roofs can easily exceed 200°.
- ▶ Warranty - 40 year finish.
- ▶ Field Cutting - Never use an abrasive blade; panel damage will occur. Only the use of shears is permitted for warranty.
- ▶ Sealant - Butyl or Eco-Friendly Polymer is recommended. Silicone caulk that contains acid-cured silicones is not acceptable. As a general rule silicone caulk that has a strong odor is likely to be highly corrosive to panels containing zinc. All American Steel panels all contain zinc.
- ▶ Special Orders - Contact an All American Representative for lead times, special colors, gauges, finishes and pricing.





Striated shown

CONCORD

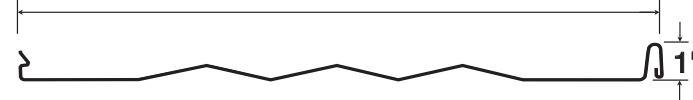
## PAN CONDITIONS

12" or 17" Cover Width



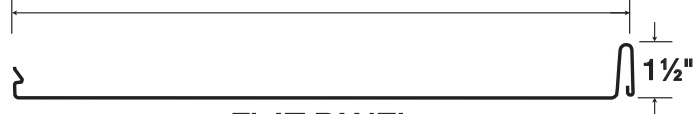
FLAT PANEL

12" or 17" Cover Width



STRIATED PANEL

12" or 15 ¾" Cover

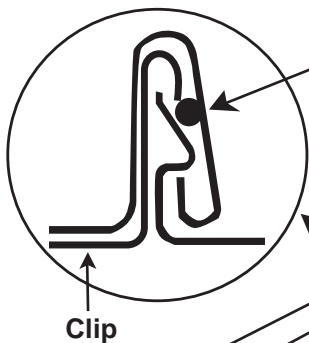


FLAT PANEL

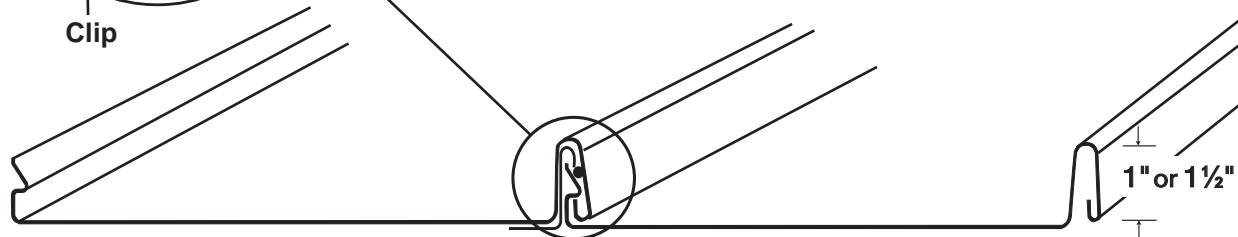
12" or 15 ¾" Cover



STRIATED PANEL

Sealant  
Optional Field Apply

Clip



1" or 1½"

## CONCORD A CLIP CONCEALED FASTENER METAL ROOFING SYSTEM

## INFORMATION:

- ▶ Fastening System - Concord utilizes clips to fasten.
- ▶ Deck Sheathing - Concord should be installed over a solid structural deck. Minimum 15/32 OSB or ½" CDX. Also acceptable is the use of furring strips placed a maximum 16" on center over existing shingles.
- ▶ Standard Finish - WeatherXL Crinkle.
- ▶ Optional Finishes - Smooth SMP and Kynar 500 (PVDF) area available with additional lead times.
- ▶ Warranty - 40 year finish warranty.
- ▶ Panel Field Strength - Concord is not a structural panel. Concord cannot be installed over open purlins.
- ▶ Sheathing Underlayment - High temperature underlayment is required. Epilay Ultra or equal. Temperatures of metal roofs can easily exceed 200°.
- ▶ Seam Height - 1" or 1½".
- ▶ End Notch - Available upon request, extra charge.
- ▶ Minimum Length - 3'9".
- ▶ Maximum Length - No maximum length. Panels are manufactured on site.
- ▶ Substrate - Galvalume AZ55 or G90.
- ▶ Pan Condition - Striation or flat.
- ▶ Minimum slope - 1" rib 3:12 pitch. 1½" rib pitch 1.5:12.
- ▶ Oil Canning - Concord is the best system to lessen the risk of oil canning. Clip systems allow panels to move. Resistance to movement is the main cause of oil canning. Oil canning is inherit to all metal panels and is not cause for rejection.
- ▶ Clip Spacing - 16" on center maximum up to 6:12 pitch. 24" on center maximum 7:12 pitch and over.
- ▶ Sealant - Butyl is recommended. Silicone caulk that contains acid-cured silicones is not acceptable. As a general rule silicone caulk that has a strong odor is likely to be highly corrosive to panels containing zinc. All American Steel panels all contain zinc.
- ▶ Field Cutting - Never use an abrasive blade; panel damage will occur. Only the use of shears is permitted for warranty.
- ▶ Special Orders - Contact an All American Representative for lead times, special colors, gauges, finishes and pricing.





# SNAP TABLE

## NOTCH, CUT & HEM

### 3



## For Jobsite Rent

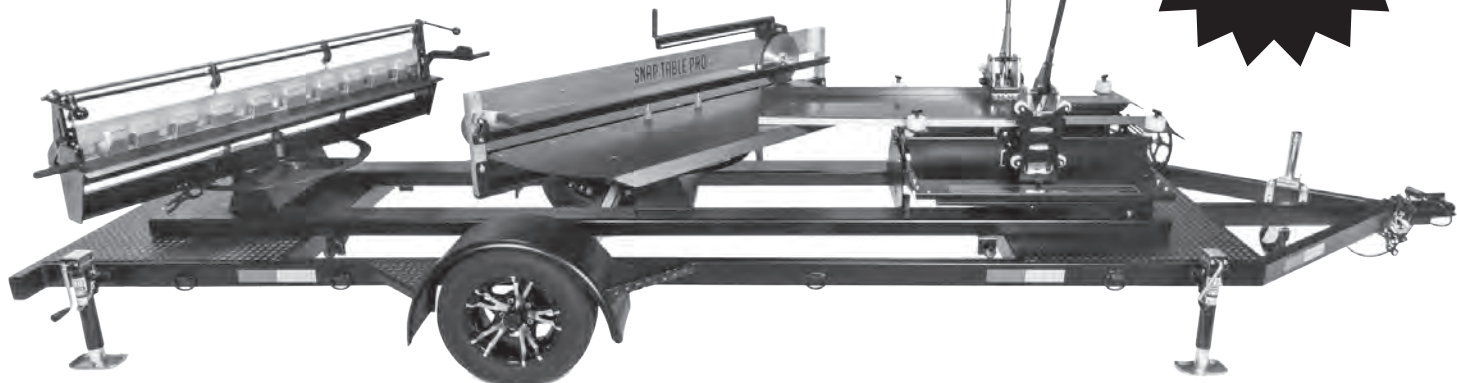
The Towable Snap Table Pro is the all in one panel preparation system for standing seam metal roofing. It accommodates panels between 12" and 24". The Snap Table solves the issue of exceedingly long hip-valley cuts and hems. No more do you have to use short hemmers that do a less than professional job. The Snap Table can notch, slit, and hem up to 60".

The towable option meets the Department of Transportation standards.

## First rent free!

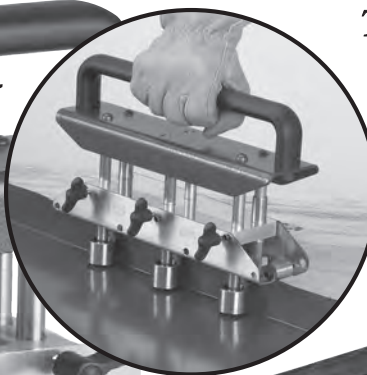
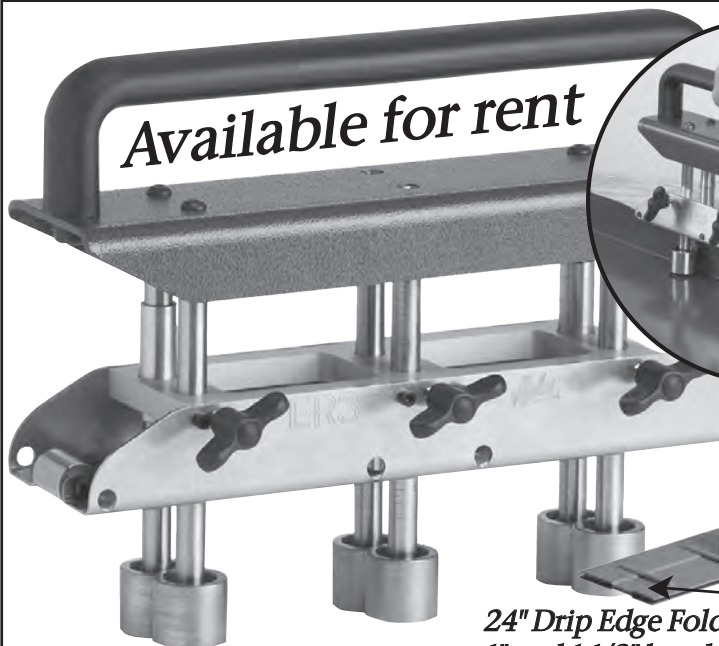
- ▶ Consistently notches, slits, and hems standing seam profiles from 12" - 24"
- ▶ Saves an average of 35% of labor costs
- ▶ 60" slitting and hemming capabilities

- ▶ Works with 20 gauge panels or thinner
- ▶ 2" ball hitch
- ▶ Weighs approximately 1,800 lbs



## EDGE ROLLER

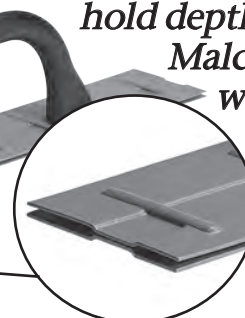
Available for rent



The ER3 3-Station Edge Roller assures a uniform bend along the entire length of material. The tool quickly adjusts for making 5/8" to 4" (15.9-102 mm) bends in 29-22 gauge (0.36-0.76 mm) steel. Large, comfortable adjustment knobs hold depth setting securely.

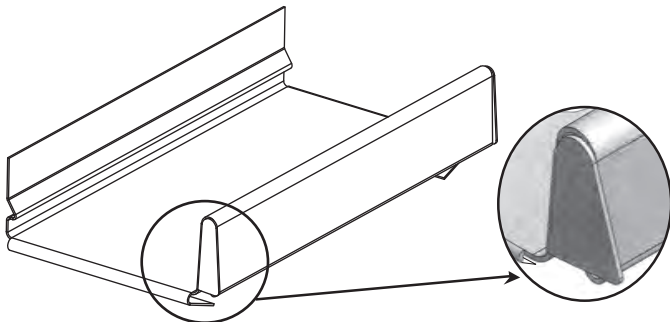
Malco's ER3 adjusts with outer roller stations retracted and locked, to allow for bending on a curve.

24" Drip Edge Folding Tool  
1" and 1 1/2" bends, max. 22 gauge.

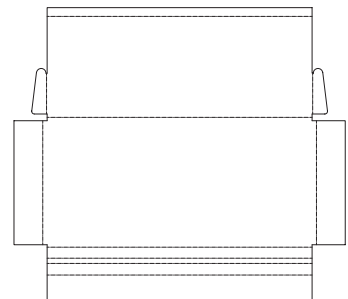




## EAVE & RIDGE NOTCHING



*Pre notching by our steel roofing roller mill saves time and provides an unmatched clean shear. The fold over tab seals the female rib, saves caulking and provides a professional look that sets your roof apart from other standing seam roofs. Request the notch and tab from your All American Steel Representative.... for the special look.*



*\* Notching services are in the process of being implemented.*



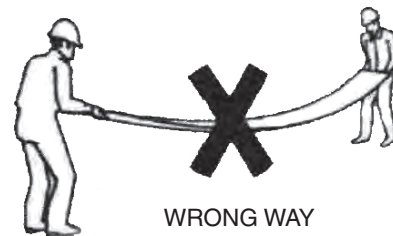
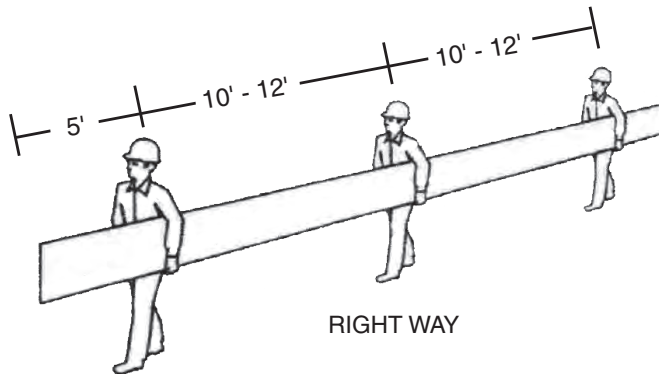
## GENERAL INFORMATION

### 1. Notice

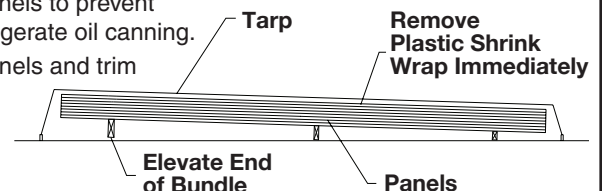
- The details shown on the following pages are suggestions or guidelines for installing the Lexington and Concord Systems. The installation details shown here are proven methods of construction, but they are not intended to cover all building requirements, designs or codes. The details may require changes or revisions due to individual project conditions.
- Installation procedures shall be in accordance with All American Steel's printed instructions, details or approved shop drawings. Installers should thoroughly familiarize themselves with all instructions prior to beginning the installation process.
- The designer/installer is responsible to ensure the following:
  - ▶ That the details here meet the particular building requirements.
  - ▶ Awareness of and allowance for expansion/contraction of the roof panels.
  - ▶ That adequate water tightness is maintained.
  - ▶ That a proper uniform substructure is used to avoid panel distortion and that the substructure meets necessary code requirements.
  - ▶ That all supporting members have been examined and are straight, level, and plumb.
- Some field cutting and fitting of panels and flashings is to be expected and to be considered a part of normal installation work. Workmanship shall be of the best industry standards with installation performed by experienced metal craftsmen.
- Oil canning of metal panels is inherent in the product and is not a cause for rejection. Striated Crinkle panels are recommended because they reduce the appearance of oil canning.
- Contents of this manual are subject to change without notice. To confirm this book is the most current copy, please visit All American Steel website at [www.allamericansteel.net](http://www.allamericansteel.net).

### 2. Material Handling and Storage

- When receiving materials, check the condition of the product and review the shipment against the shipping ticket to ensure all items are accounted for. If damages or shortages are discovered, it should be noted on the shipping copy at the time of deliver. All American Steel will not be responsible for shortages or damages unless they are noted on the shipping ticket. In addition, all damages and shortages should be reported to All American Steel within 48 hours from time of shipment.
- Individual panels should be carried on edge by hand and supported evenly with a maximum spacing of 10 to 12 feet.

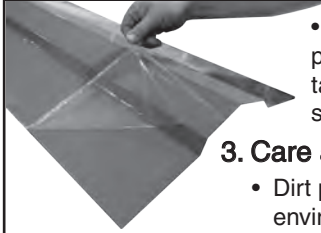


- Handlers should maintain uniform movements while transporting panels to prevent bending or twisting that will cause permanent damage and will exaggerate oil canning.
- Store all materials in a protected area away from standing water. Panels and trim should be covered to protect from moisture, debris, and long term exposure to sunlight. Keep bundles elevated above the ground to allow air to circulate freely. Elevate one end of bundles to prevent moisture from resting on panels.
- Panels should be kept dry and above grade. Panels should be tarped or protected from the weather and at the same time be able to have continuous air flow. Shrink wrap packing must be removed immediately. Shrink wrap is used for damage free transportation only. It can not be used for weather protection. Failure to remove plastic wrap immediately can result in damage to panels and may void the warranty. Panels in a stack that are wet, over a period of time, will promote oxidation that can damage panels.





## GENERAL INFORMATION (CONTINUED)



- Panels and trim may have strippable polyfilm applied to surfaces for protection during fabrication, packaging and transit. This film must be removed immediately prior to installation. Care should be taken to protect film from long term exposure to moisture and direct sunlight. Extended exposure to sunlight will cause polyfilm to be permanently adhered to panel or trim surface.

### 3. Care and Maintenance

- Dirt pickup may cause apparent discoloration of the paint when it has been exposed in some dirt-laden environments for long periods of time. In areas of strong sunlight, slight chalking may cause some change in appearance. A good cleaning will often restore the appearance of these buildings and render repainting unnecessary. An occasional light cleaning will help maintain a good appearance.
- In many cases, simply washing the building with plain water using a hose or pressure sprayer will be adequate. In areas where heavy dirt deposits dull the surface, a cloth or soft bristle brush and solution of water and detergent (1/3 cup of laundry detergent per gallon of water for example) may be used. This should be followed by an adequate rinse of water. Do not use wire brushes, abrasives, or cleaning tools which will damage the coating surface.
- Mildew may occur in areas subject to high humidity but is not normally a problem due to the high inherent mildew resistance of the baked finish that is used. To remove mildew along with the dirt, the following solution is recommended.



DO NOT USE A  
WIRE BRUSH

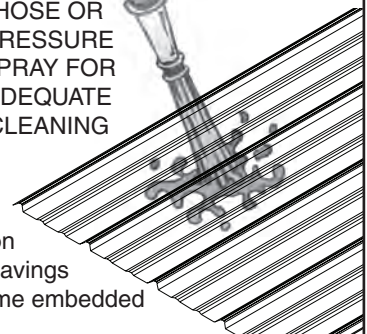
- ▶ 1/3 cup detergent (Tide® or equivalent)
- ▶ 2/3 cup trisodium phosphate (Solex® or equivalent)
- ▶ 1 quart of 5% sodium hypochlorite solution Clorox® or equivalent)
- ▶ 3 quarts of water

- Strong solvents and abrasive type cleaners should be avoided. Most organic solvents are flammable and toxic and must be handled accordingly. When using a solvent, consult maintenance professionals and label instructions for proper handling and disposal of washings. If required, a mild solvent such as mineral spirits can be used to remove caulking compounds, oil, grease, tars, wax, and similar substances. Use a cloth dampened with mineral spirits and apply only to areas which are contaminated. Follow up the use of this mild solvent with detergent cleaning and rinsing.

### 4. Working With Metal

- Cutting and Drilling -
  - ▶ Never cut panels with a abrasive blade or saws. Panel damage will occur and hasten the corrosive process and will void your warranty. The red hot shards will damage the 40 year paint finish. For exposed fastener panels a full width shears is recommended and is available from All American Steel for rent. Standing seam panels should be cut with hand shears or a power nibbler.
  - ▶ Metal debris from cutting and drilling processes should be removed during installation. If not removed metal filings will red rust on the surface of the panels and trim. Hot shavings should be prevented from coming into contact with painted surfaces; they may become embedded into the painted surface.

HOSE OR  
PRESSURE  
SPRAY FOR  
ADEQUATE  
CLEANING



### 5. Panel Traits

- Metal panels and trim are exposed to daily cycles of temperature changes from ambient temperatures and exposure to sunlight. Temperature fluctuations cause metal components to expand and contract. Allowances should be made for the expansion and contraction of panels and trim. Restriction of expansion and contraction can produce oil-canning in panel/trim surfaces and cause failures at faster locations.

#### Thermal Expansion/Contraction for Steel Roof Panels at 180° F Differential

Distance from fixed point	Nom. Expansion
10 feet	1/8" (0.145")
20 feet	5/16" (0.289")
30 feet	7/16" (0.434")
40 feet	9/16" (0.579")
50 feet	3/4" (0.724")

Distance from fixed point	Nom. Expansion
60 feet	7/8" (0.868")
70 feet	1" (1.013")
80 feet	1-3/16" (1.158")
90 feet	1-5/16" (1.302")
100 feet	1-7/16" (1.447")

\*Coefficient of expansion = 0.0000067 in/in/F°

Thermal Expansion/Contraction of Steel Panels



## GENERAL INFORMATION (CONTINUED)

### 5. Panel Traits (Continued)

- Concord panels, which use a clip system, should be installed with a "fixed" end and a "free" end. This manner allows for expansion and contraction to be controlled uniformly at one end of the roof. This manual follows the "architectural" or "steep slope" installation method which applies a points of fixity at the high end of the panels ( i.e. ridge, hip, high wall, and peak). Expansion and contraction is accommodated at the low end of panels ( i.e. eaves and valleys).

### 6. Oil Canning

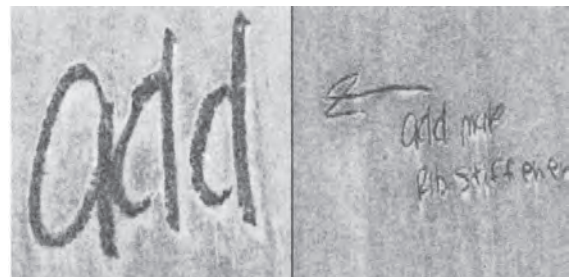
- Oil canning is inherent in all metal roofing from all manufacturers and is not covered by any warranty. It is not cause for rejection. Unless specific tolerances have been incorporated into the contract documents, accepted both end user and All American Steel and if reasonable precautions have been taken, oil canning is not grounds for panel rejection.
- Through the course of a day, depending on the time of the year, deflection (oil canning) of the panels can be exacerbated for a short time and then not appear for the balance of the day.
- To lessen oil canning we recommend going to a crinkle finish with striations. Besides adding to the beauty of your roof the suns rays are refracted and the noticeability of oil canning is dramatically reduced.
- Oil canning can also be minimized by means of heavier gauges, narrower panel widths and panel striations.
- Substructure must be even plane to within 1/4" in 20 feet from eave to ridge to avoid panel distortion.
- Placing a small backer rod in the middle of your standing seam panels lessens the effect of oil canning.

### 7. Dissimilar Metals

- When different metals are in contact with each other an electro chemical reaction takes place which adds to corrosion and to the break down of metals. This process is known as galvanic reaction; the result of dissimilar metals in contact with each other.
- Water run off from copper coming from plumbing pipes, electrical or air conditioning units will cause roof corrosion. Copper and steel do not get along. Roof failure can occur in just a few short years.

### 8. Corrosion

- Treated lumber in contact with metal roof panels used to support air conditioning units or other equipment will cause corrosion of steel roof panels.
- Use a felt marker on panels during constructions not pencils. Pencils contain graphite and graphite is corrosive to steel panels.
- Some silicone caulks are corrosive to steel. If the tube does not specifically say "for use on steel" do not use it. As a general rule if the silicone caulk has a strong odor, it is corrosive to metal.
- Brass and lead are corrosive to steel panels.



Corrosion Caused by Graphite Pencil

### 9. Installation

- It has been shown that the use of electric impact drivers substantially increases the probability of improper placement of screws.
- Do not remove sheathing from a roof and install standing seam or install a roof on a new building with open purlins unless the system is rated structural. Most standing seam systems are not rated structural and do not provide diaphragm strength. Lexington and Concord are not structural panels. Failure to follow this rule will likely lead to the collapse of your building.
- It is not recommended to touch up minor paint scratches, even though All American Steel carries touch up kits. Weather XL and Kynar 500 performance cannot be duplicated with field applications. The newly applied paint will fade faster than the factory finish and eventually will be more pronounced than the original scratch.
- Use butyl sealants for metal. The sealant should be applied concealed. Exposure to sunlight will breakdown butyl.
- Use high temperature synthetic roof felt and high temperature ice and water shield over roof sheathing. Temperatures between metal roofing and roof decks can exceed 200° F.
- Lower roof pitches have greater wind uplift than steeper pitched roofs. As a general rule fastener spacing should be closer on lower pitched roofs.
- If you are going to put snow guards on your roofs be sure to place panel fastening screws on a direct screw down a minimum of 12" on center on the bottom 1/3 of the roof.
- Use only stainless steel fastening screws to fasten roof panels and trim.



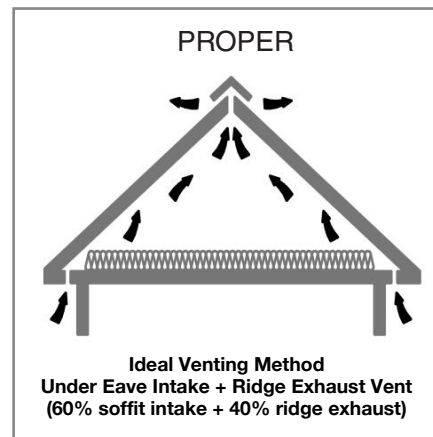
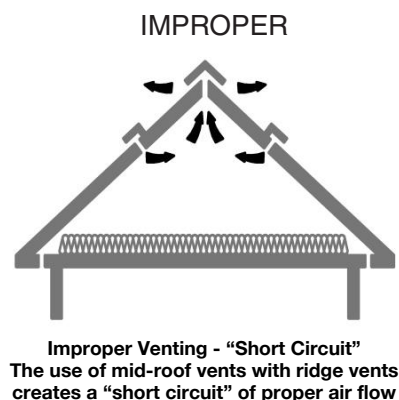
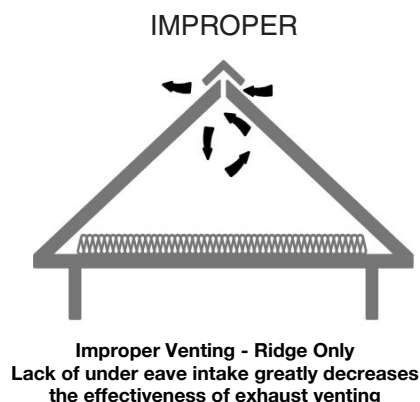
## GENERAL INFORMATION (CONTINUED)

### 10. Steel Substrate Information

- Galvalume
  - ▶ Only galvalume steel is used in manufacturing Lexington and Concord panels.
  - ▶ Galvalume is a hot-dip process in aluminum, zinc and silicone (AZ55). 55% aluminum, 43.5% zinc, 1.5% silicone by weight. 80% aluminum, 19% zinc, 1% silicone by volume.
  - ▶ Zinc bonds with steel to create a barrier to corrosion caused by moisture. Aluminum is a metal that naturally resists corrosion and reflects heat. Silicone enhances the adhesion of the coating.
  - ▶ Galvalume under normal environmental conditions is at least 2-4 times as resistant to corrosion compare to galvanized.
  - ▶ Galvalume carries a 25 year 6 month warranty from the steel mill on rust protection.

### 11. Design Information

- Slope: Lexington and Concord Panel Systems are recommended:
  - ▶ 1" rib height - minimum of 3 inches in 12 and greater.
  - ▶ 1 1/2" rib height - minimum of 1.5 inches in 12 and greater.
- Deck Sheathing: Lexington and Concord Panel Systems require a continuous solid substrate.
  - ▶ The following is a list of acceptable decking:
    - Minimum 15/32" APA rated OSB or minimum 1/2" CDX.
    - Minimum 22 gauge steel decking.
    - Nominal 1" or greater tongue and groove wood planks.
  - ▶ Deck must not be out of plane more than 1/4" in 20 feet from eave to ridge.
  - ▶ Surface of decks must be smooth, dry, and free of debris which might damage or distort panels.
- Underlayment
  - ▶ Eaves should have two rows of high temperature Ice & Water Shield continuous.
  - ▶ Valleys should have a minimum of one layer of high temperature Ice & Water Shield continuous.
  - ▶ High temperature synthetic underlayment should be installed continuous over entire roof decking. Temperatures between steel and roof decking can reach temperatures over 200 degrees.
  - ▶ Roof deck must be clean and free from any moisture, ice, dust, loose nails, protrusions, voids, and other debris.
  - ▶ Use minimum 4" horizontal laps and minimum 12" vertical (end) laps.
- Ventilation
  - ▶ For single-family residential applications, FHA guidelines recommend the 1/300 rule: 1 square foot of net free vent area for every 300 square feet of attic floor space. Net free vent area includes exhaust and intake venting. It is recommended to use a ratio of 60% intake venting and 40% for exhaust venting. Some building codes may require the 1/150 rule. Always check with local building code for exact requirements
  - ▶ No attic vents should be installed between the intake and exhaust vents. This approach will "short circuit" the vent path between intake and exhaust vents leaving attic portions unvented.
  - ▶ Ridge ventilation is the ideal method for venting a metal roof system.





## GENERAL INFORMATION (CONTINUED)

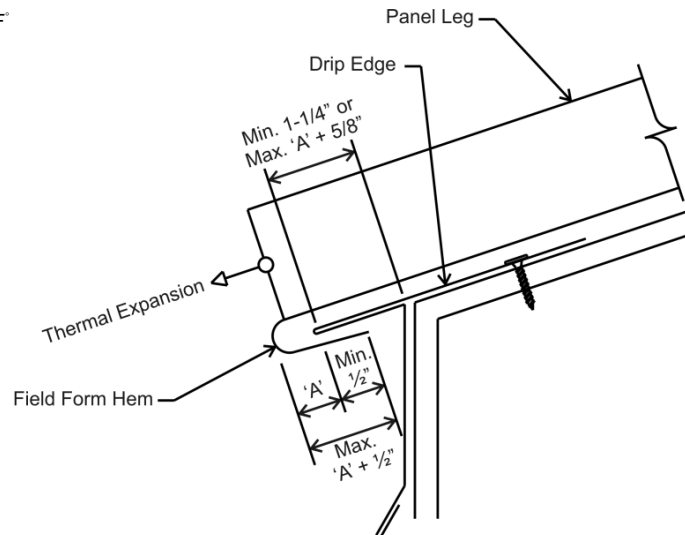
- Lexington and Concord Panel Placement

- ▶ For best performance, panels should extend full length from low point (eave and valley conditions) to high point (hip, ridge, peak, and highwall conditions).
- ▶ Panels should be hemmed around drip edges and cleats at lowest points to allow for expansion and contraction. Refer to the following chart and diagram for hem lengths and gap settings.

**Thermal Gap Installation Chart for Steel Roof Panels at 180° F Differential**

Distance from fixed point	Material Temperature During Installation		
	Hot (>100° F)	Warm (100° to 50° F)	Cold (<50° F)
10 feet	1/8" (0.145")	1/16" (0.072")	0
20 feet	5/16" (0.289")	1/8" (0.145")	0
30 feet	7/16" (0.434")	3/16" (0.217")	1/8" (0.125")
40 feet	9/16" (0.579")	5/16" (0.289")	1/8" (0.125")
50 feet	3/4" (0.724")	3/8" (0.362")	3/16" (0.188")
60 feet	7/8" (0.868")	7/16" (0.434")	3/16" (0.188")
70 feet	1" (1.013")	1/2" (0.507")	1/4" (0.25")
80 feet	1-3/16" (1.158")	9/16" (0.579")	1/4" (0.25")
90 feet	1-5/16" (1.302")	5/8" (0.651")	3/8" (0.375")
100 feet	1-7/16" (1.447")	3/4" (0.724")	3/8" (0.375")

\*Coefficient of expansion = 0.0000067 in/in/F



'A' = Gap from Thermal Expansion Chart during time of installation

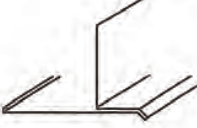
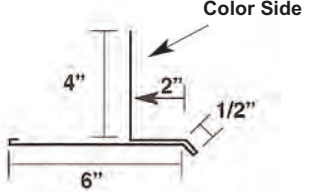
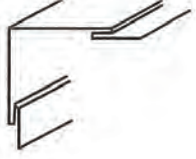
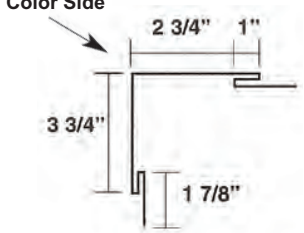
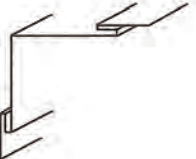
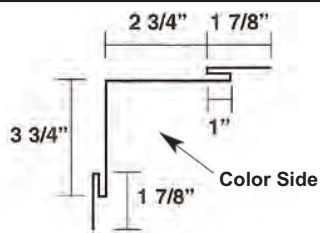
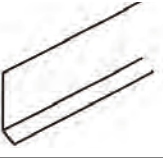
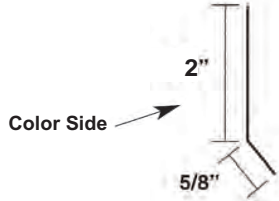
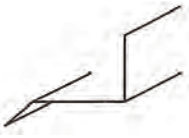
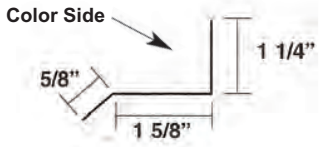
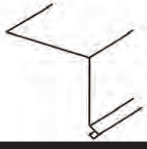
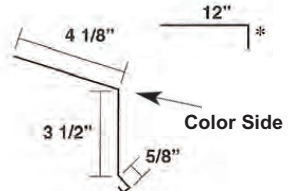
### 12. Snow-Guards

- Snow-guard is a generic term used for any device or system that functions to retard or restrain sliding snow.
  - ▶ Snow-guards restrain the snowpack by utilizing the compressive strength of the snow immediately adjacent to the roof surface, thereby resisting the vector force of snow for a specific tributary area of the roof.
  - ▶ Due to the many varied properties involved with snowpack, no snow-guard or system can assure 100% effectiveness.
  - ▶ Snow-guard can mitigate most of the dangerous effects of sliding snow and greatly reduce the risk of a roof-top avalanche.
- All American Steel recommends the use of S-5 Snow-guards which mechanically are fastened to roof decks. (See an All American Steel Representative for advice) All American Steel discourages the use of adhesive applied and plastic constructed snow-guards because they have been found not to have the same lifespan as the metal roofs they are applied to.


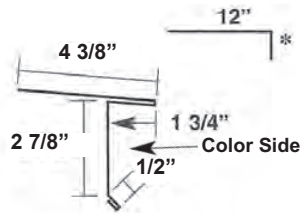



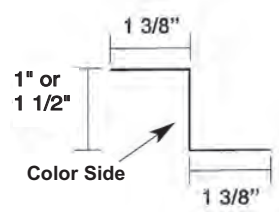
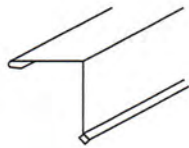
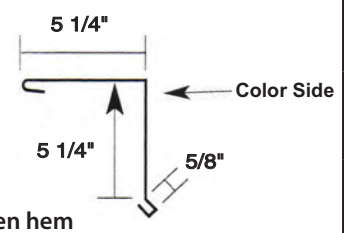


# 10 LEXINGTON & CONCORD



PRODUCT	GAUGE	UNIT OF MEASURE	LENGTH	ITEM NUMBER	PROFILES & DIMENSIONS
				PAINTED	
80 	26	LF	Custom Length Available		
	26	EACH	10'- 3"	9801018-26	
SOFFIT BASE TRIM	26	EACH	20'- 6"	9802018-26	
83 	26	LF	Custom Length Available		
	26	EACH	5'- 3"	9830518-26	
OUTSIDE CORNER	26	EACH	10'- 3"	9831018-26	
86 	26	LF	Custom Length Available		
	26	EACH	5'- 3"	9830518-26	
INSIDE CORNER	26	EACH	10'- 3"	9861018-26	
89 	26	LF	Custom Length Available		
	26	EACH	10'	9891018-26	
PERIMETER CLEAT	26	EACH	10'	9891018-26	
92 	26	LF	Custom Length Available		
	26	EACH	10'	9921018-26	
PERIMETER ZEE TRIM	26	EACH	10'	9921018-26	
95 	26	LF	Custom Length Available		
	26	EACH	10'- 3"	9951018-26	
EAVE TRIM *SPECIFY DESIRED PITCH	26	EACH	20'- 6"	9952018-26	

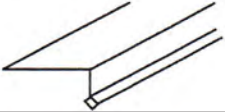
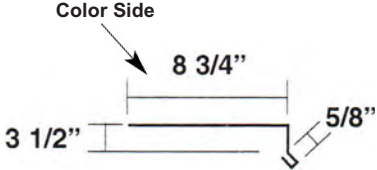

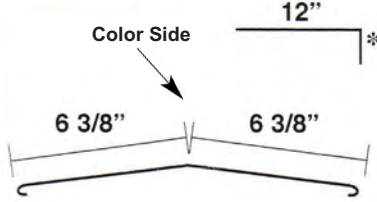

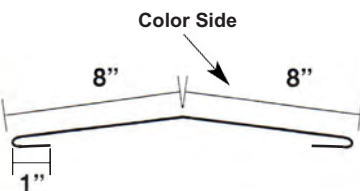

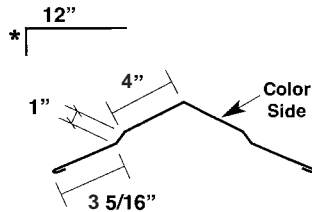

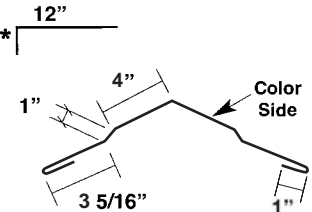
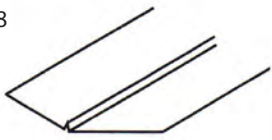
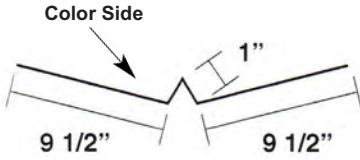
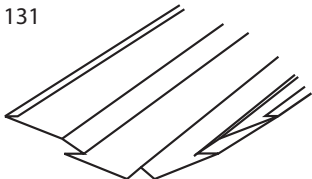
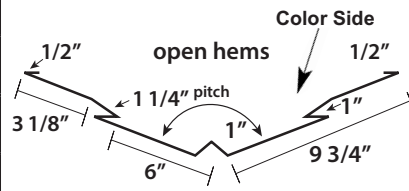


PRODUCT	GAUGE	UNIT OF MEASURE	LENGTH	ITEM NUMBER PAINTED	PROFILES & DIMENSIONS
98 	26	LF	Custom Length Available		
	26	EACH	10'- 3"	9981018-26	
DRIP TRIM - UP TO 12/12 *SPECIFY DESIRED PITCH	26	EACH	20'- 6"	9982018-26	
110 	26	LF	Custom Length Available	Can be any color	
OFFSET CLEAT	26	EACH	10'- 3"	91101018-26	
113 (1") 114 (1 1/2") 	26	LF	Custom Length Available		
1" ZEE CLOSURE	26	EACH	10'- 3"	91131018-26	
1 1/2" ZEE CLOSURE	26	EACH	10'- 3"	91141018-26	
116 	26	LF	Custom Length Available		
	26	EACH	10'- 3"	91161018-26	
RAKE TRIM	26	EACH	20'- 6"	91162018-26	




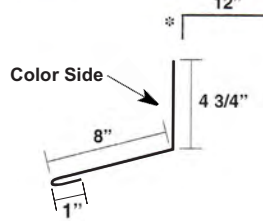
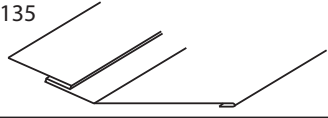
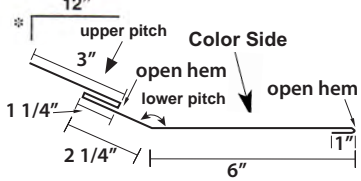
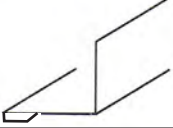
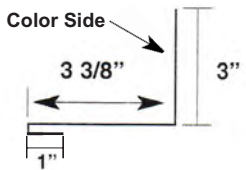
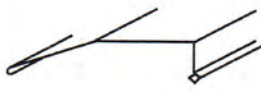
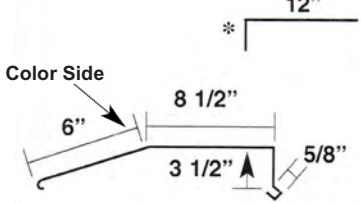
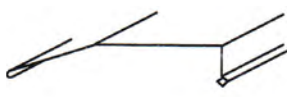
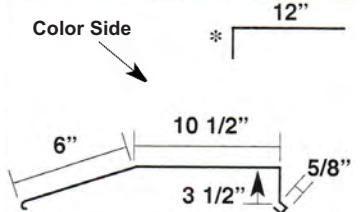
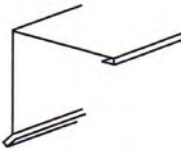
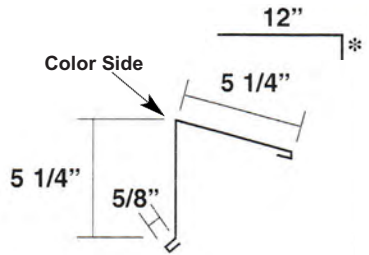
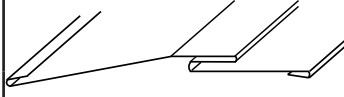
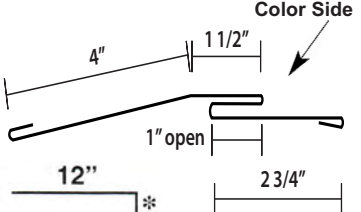
# 12 LEXINGTON & CONCORD



PRODUCT	GAUGE	UNIT OF MEASURE	LENGTH	ITEM NUMBER PAINTED	PROFILES & DIMENSIONS
119 	26	LF	Custom Length Available		
	26	EACH	10'-3"	91191018-26	
RAKE TRIM ALTERNATIVE	26	EACH	20'-6"	91192018-26	
122  FLAT HIP OR RIDGE FLG* *SPECIFIED DESIRED PITCH (STANDARD)	26	LF	Custom Length Available		
	26	EACH	10'-3"	91221018-26	
	26	EACH	20'-6"	91222018-26	
123  FLAT HIP & RIDGE FLASHING* *SPECIFY ROOF PITCH (SLIDE HEM ZEE CLOSURE)	26	LF	Custom Length Available		
	26	EACH	10'-3"	91231018-26	
	26	EACH	20'-6"	91232018-26	
125  HIP OR RIDGE CAP *SPECIFY DESIRED PITCH (STANDARD)	26	LF	Custom Length Available		
	26	EACH	10'-3"	91251018-26	
	26	EACH	20'-6"	91252018-26	
126  HIP OR RIDGE CAP *SPECIFY DESIRED PITCH (SLIDE HEM ZEE CLOSURE)	26	LF	Custom Length Available		
	26	EACH	10'-3"	91261018-26	
	26	EACH	20'-6"	91262018-26	
128  VALLEY TRIM* *SPECIFY ROOF PITCH BOTH SIDES	26	LF	Custom Length Available		
	26	EACH	10'-3"	91281018-26	
	26	EACH	20'-6"	91282018-26	
131  CLEAT VALLEY *SPECIFY DESIRED PITCH BOTH SIDES	26	LF	Custom Length Available		
	26	EACH	10'-3"	91311018-26	
	26	EACH	14'-3"	91311418-26	
	26	EACH	20'-6"	91312018-26	

SPECIFY HIP OR RIDGE - HIP AND RIDGE HAVE DIFFERENT ANGLE BENDS FOR THE SAME ROOF PITCH.



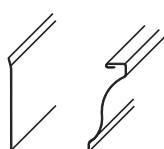
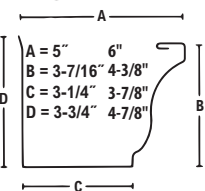
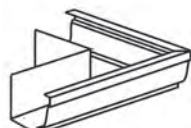
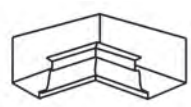
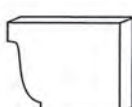


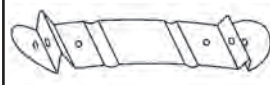
PRODUCT	GAUGE	UNIT OF MEASURE	LENGTH	ITEM NUMBER PAINTED	PROFILES & DIMENSIONS
134 	26	LF	Custom Length Available		
HIGH SIDE TIE-IN TRIM OR DUAL PITCH TRANSITION* *SPECIFY DESIRED PITCH	26	EACH	10'- 3"	91341018-26	
135 	26	LF	Custom Length Available		
CLEAT DUAL SLOPE TRANSITION *SPECIFY UPPER AND LOWER PITCH	26	EACH	20'- 6"	91352018-26	
137 	26	LF	Custom Length Available		
SIDE WALL TIE-IN TRIM	26	EACH	10'- 3"	91371018-26	
140 	26	LF	Custom Length Available		
PARAPET PEAK - A* *SPECIFY DESIRED PITCH	26	EACH	20'- 6"	91402018-26	
143 	26	LF	Custom Length Available		
PARAPET PEAK - B* *SPECIFY DESIRED PITCH	26	EACH	20'- 6"	91432018-26	
146 	26	LF	Custom Length Available		
HIGH SIDE TRIM* *SPECIFY DESIRED PITCH	26	EACH	20'- 6"	91462018-26	
149 	26	LF	Custom Length Available		
CLEAT MEMBRANE TRANSITION *SPECIFY UPPER AND LOWER PITCH	26	EACH	20'- 6"	91492018-26	



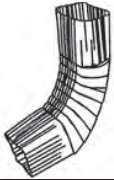


# 14 GUTTER STYLE K



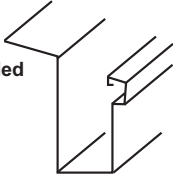
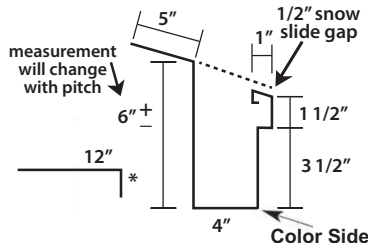
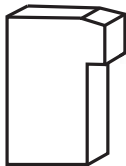
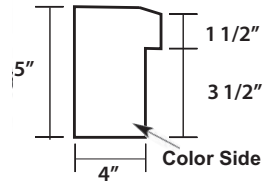
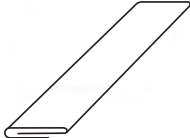
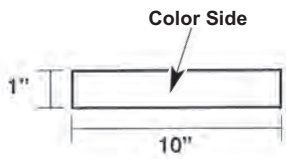
Finally, gutter in colors that match roofing and siding panels.

PRODUCT	ITEM NUMBER	SIZE	MODEL NUMBER	INFORMATION
		5" x 10'	10100	<ul style="list-style-type: none"><li>▶ AVAILABLE IN 29 GAUGE GALVANIZED</li><li>▶ 5" AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR EXCEPT COPPER CANYON</li><li>▶ 6" AVAILABLE WHITE, EARTH BROWN, COCOA BROWN, TERITONE ONLY</li><li>▶ <b>Weather XL™</b> FINISH</li><li>▶ 40 YEAR FINISH WARRANTY</li></ul> 
		5" x 20'	10310	
		6" x 10'	11010	
		6" x 20'	11070	
K GUTTER				
		5"	15040	<ul style="list-style-type: none"><li>▶ AVAILABLE IN 29 GAUGE GALVANIZED</li><li>▶ 5" AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR EXCEPT COPPER CANYON</li><li>▶ 6" AVAILABLE WHITE, EARTH BROWN, COCOA BROWN, TERITONE ONLY</li><li>▶ 20 PIECES PER CARTON</li></ul>
		6"	16061	
OUTSIDE SQUARE CORNER				
		5"	15041	<ul style="list-style-type: none"><li>▶ AVAILABLE IN 29 GAUGE GALVANIZED</li><li>▶ 5" AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR EXCEPT COPPER CANYON</li><li>▶ 6" AVAILABLE WHITE, EARTH BROWN, COCOA BROWN, TERITONE ONLY</li><li>▶ 20 PIECES PER CARTON</li></ul>
		6"	15061	
INSIDE SQUARE CORNER				
		5" RH	15080	<ul style="list-style-type: none"><li>▶ AVAILABLE IN 29 GAUGE GALVANIZED</li><li>▶ 5" AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR EXCEPT COPPER CANYON</li><li>▶ 6" AVAILABLE WHITE, EARTH BROWN, COCOA BROWN, TERITONE ONLY</li><li>▶ 20 PIECES PER CARTON</li></ul>
		5" LH	15081	
		6" RH	15090	
		6" LH	15091	
END CAP				
		5"	15643- GV10	<ul style="list-style-type: none"><li>▶ HANGER INCLUDES 5" SCREW, 100 PIECES PER CARTON</li><li>▶ INSTALL 24" ON CENTER MAXIMUM</li><li>▶ GALVANIZED ONLY</li><li>▶ HANGER INCLUDES 6" SCREW, 100 PIECES PER CARTON</li><li>▶ INSTALL 24" ON CENTER MAXIMUM</li><li>▶ ALUMINUM ONLY</li></ul>
		6"	15638- AL10	
SCREW ON GUTTER HANGER				
		3"	15421	<ul style="list-style-type: none"><li>▶ AVAILABLE IN GALVANIZED OR WHITE ONLY</li><li>▶ 50 PIECES PER CARTON</li></ul>
		4"	15432	
OVAL WIDE FLANGE OUTLET				
		3"	15530	<ul style="list-style-type: none"><li>▶ AVAILABLE IN 29 GAUGE GALVANIZED</li><li>▶ 5" AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR EXCEPT COPPER CANYON</li><li>▶ 6" AVAILABLE WHITE, EARTH BROWN, COCOA BROWN, TERITONE ONLY</li><li>▶ 100 PIECES PER CARTON</li></ul>
		4"	15540	
CLINCHER BAND				



PRODUCT	ITEM NUMBER	SIZE	MODEL NUMBER	INFORMATION
		3" 4"	15452 15457	<ul style="list-style-type: none"> <li>▶ AVAILABLE IN 29 GAUGE GALVANIZED</li> <li>▶ AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR EXCEPT COPPER CANYON</li> <li>▶ <b>Weather XL™</b> FINISH</li> <li>▶ 40 YEAR FINISH WARRANTY</li> <li>▶ 20 PIECES PER CARTON</li> </ul>
ELBOW STYLE A				
		3" 4"	15482 15488	<ul style="list-style-type: none"> <li>▶ AVAILABLE IN 29 GAUGE GALVANIZED</li> <li>▶ AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR EXCEPT COPPER CANYON</li> <li>▶ <b>Weather XL™</b> FINISH</li> <li>▶ 40 YEAR FINISH WARRANTY</li> <li>▶ 20 PIECES PER CARTON</li> </ul>
ELBOW STYLE B				
		3" 4"  STANDARD LENGTH 10'	18070 18530	<ul style="list-style-type: none"> <li>▶ AVAILABLE IN 29 GAUGE GALVANIZED</li> <li>▶ AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR EXCEPT COPPER CANYON</li> <li>▶ <b>Weather XL™</b> FINISH</li> <li>▶ 40 YEAR FINISH WARRANTY</li> <li>▶ 3" PIPE – 2-3/8" x 3-1/4"</li> <li>▶ 4" PIPE – 2-3/4" x 4-1/4"</li> <li>▶ 15 PIECES PER CARTON</li> </ul>
DOWNSPOUT				




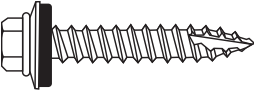

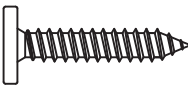
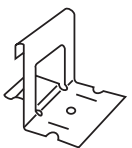
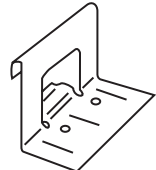
## COMMERCIAL GUTTER

101		26GA	LF	Custom Length Available		
Can be provided without apron for retro-fit installation.		26GA	EACH	10'- 3"	91011018-26	
BOX GUTTER *SPECIFY DESIRED PITCH		26GA	EACH	20'- 6"	91012018-26	
104		26GA	EACH	LEFT HAND	91040118-26	
		26GA	EACH	RIGHT HAND	91040018-26	
BOX GUTTER END CAP						
104		26GA	LF		91071018-26	
BOX GUTTER STRAP						

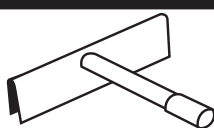








# 16 STANDING SEAM ACCESSORIES



PRODUCT	ITEM NUMBER	SIZE	MODEL NUMBER	INFORMATION
 <b>POP RIVET</b>	9100018 - 23	250 per bag		<ul style="list-style-type: none"> <li>▶ AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR EXCEPT COPPER CANYON</li> <li>▶ STOCK COLORS - BLACK, CHARCOAL GRAY, BURNISH SLATE, EVERGREEN, COCOA BROWN AND BURGUNDY</li> </ul>
 <b>TOUCH UP PAINT PEN (ONLY)</b>				<ul style="list-style-type: none"> <li>▶ AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR EXCEPT COPPER CANYON</li> <li>▶ SPECIAL ORDER</li> </ul>
 <b>MASTIXTAPE</b>	9909506	3/8" x 45'		<ul style="list-style-type: none"> <li>▶ HIGH QUALITY ADHESIVE</li> <li>▶ WEATHERTITE™ MASTIXTAPE™ JOINS METAL TO METAL</li> <li>▶ ADHESIVE HOLDS HOT METAL PANELS</li> <li>▶ ROLL WON'T TELESCOPE FROM HEAT BEFORE INSTALLATION</li> <li>▶ PERMANENTLY FLEXIBLE</li> </ul>
 <b>PLY-LO FASTENER</b>	9112001 - 22	#10 x 1-1/2" 250 per bag		<ul style="list-style-type: none"> <li>▶ #10 DIAMETER HEX WASHER HEAD</li> <li>▶ FASTENS STEEL PANEL 29, 26 GAUGE TO WOOD FRAMING</li> <li>▶ TYPE 17 POINT Hi-Lo THREAD</li> <li>▶ EXCELLENT CHOICE FOR USE WITH BATTERY OPERATED SCREW GUN</li> <li>▶ AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR</li> <li>▶ 250 PER BAG</li> </ul>
	9200001 - 22	#10 x 2" 250 per bag		
 <b>STITCH SCREW</b>	934001 - 22	#12 x 3/4" 250 per bag		<ul style="list-style-type: none"> <li>▶ #12 DIAMETER HEX WASHER HEAD</li> <li>▶ FASTENS STEEL SIDE LAPS SECURELY</li> <li>▶ HELPS PREVENT STRIP OUT</li> <li>▶ SHARP POINT WITH DOUBLE LEAD THREAD</li> <li>▶ TO BE USED WITH 29, 26 GAUGE STEEL</li> <li>▶ AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR</li> <li>▶ 250 PER BAG</li> </ul>
 <b>PAN SCREW</b>	9100000	#10 x 1" 250 per bag		<ul style="list-style-type: none"> <li>▶ FOR USE WITH LEXINGTON &amp; CONCORD CONCEALED FASTENING SYSTEMS</li> </ul>
 <b>1" CLIP</b>	9909502			<ul style="list-style-type: none"> <li>▶ FOR USE WITH CONCORD 1" HIGH RIB</li> <li>▶ CLIP SPACING - 16" ON CENTER MAXIMUM UP TO 6:12 PITCH. 24" ON CENTER MAXIMUM 7:12 PITCH AND OVER.</li> </ul>
 <b>1-1/2" CLIP</b>	9909505			<ul style="list-style-type: none"> <li>▶ FOR USE WITH CONCORD 1-1/2" HIGH RIB</li> <li>▶ CLIP SPACING - 16" ON CENTER MAXIMUM UP TO 6:12 PITCH. 24" ON CENTER MAXIMUM 7:12 PITCH AND OVER.</li> </ul>


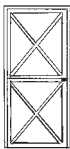

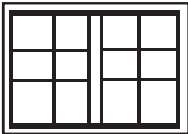


PRODUCT	ITEM NUMBER	SIZE	MODEL NUMBER	INFORMATION
 HEMMER	9909525	18"	DEFT1	▶ A TWO PART POST DESIGN ▶ HIGH LEVERAGE FOR WORKING OVERHEAD OR ON A BENCH ▶ CAN DO BOTH 1" AND 1-1/2" HEMS ▶ MAXIMUM 22 GAUGE
	SPECIAL ORDER	24"	DEFT	
 SOLID CLOSURE	9909510	1" x 16-1/4"	4851X-A200	▶ CELL SIZE TYPICAL DIAMETER: 0.3mm ▶ COMPRESSION SET: 25% COMP, 22 HOUR, 23°C ▶ BETTER UV RESISTANCE/ LONGER LASTING THAN COMPETITION ▶ M63 INDUSTRIAL ADHESIVE ELIMINATES BLOW AWAY PROBLEMS
	9909514	1-1/2" x 15-1/4"		
 VENTED CLOSURE- LP2	9909509	1" x 32-1/2"	4851-RVLP20"	▶ CUSTOM-CUT PROFILES FOR SNUG FIT ▶ SCREW RIB AND PREFORMED RUBBER ▶ MOISTURE AND PEST BARRIER ▶ PROPRIETARY ADHESIVE PROVIDES SUPERIOR HOLD ▶ 40-YEAR LIMITED WARRANTY ▶ NET FREE AREA: 17 SQUARE INCHES PER LINEAR FOOT OF VENTILATION MATERIAL
	9909515	1-1/2" x 30-1/2"	4852-RVLP20"	
 SNAP Z	1095380	1" x 15 - 3/4"		▶ PRE-APPLIED WITH BUTYL TAPE ▶ PRE-CUT TO LENGTH ▶ HIDDEN FASTENERS ▶ 40 YEAR WARRANTY ▶ 11.5 NET FREE INCHES PER FOOT 1" HEIGHT ▶ 15 NET FREE INCHES PER 1-1/2" HEIGHT ▶ SATISFACTION GUARANTEED
	1095383	1-1/2" x 15-1/2"	SNAP Z 1000	
 ROOF PIPE FLASHING	1095376	1/4"-5"	MF3R	▶ 7-3/4" x 7-3/4" BASE ▶ EPDM WITH ALUMINUM ▶ FOR PROFILED METAL ROOFING PANELS
	1095377	4-1/4'- 7-1/2"	MF5R	▶ 10-1/2" x 10-1/2" BASE ▶ EPDM WITH ALUMINUM ▶ FOR PROFILED METAL ROOFING PANELS
	1095378	4-1/4'- 7-1/2"	MF5RS	▶ 10-1/2" x 10-1/2" BASE ▶ HIGH TEMPERATURE UP TO 427° FAHRENHEIT ▶ FOR PROFILED METAL ROOFING PANELS
 SYNTHETIC HIGH TEMPERATURE FELT	1053402	10 SQUARE		▶ MANUFACTURED TO REPLACE #30 FELT ▶ 10 TIMES LIGHTER, 25 TIMES STRONGER THAN #30 FELT ▶ 11 MIL THICKNESS - 10 SQUARES PER ROLL ▶ WEIGHS 29 LBS ▶ SPECIFICALLY MADE FOR USE UNDER METAL ROOFING; WITHSTAND HIGH TEMPERATURE THAT IS INHERENT IN METAL ROOFING ▶ 30 YEAR WARRANTY
 ROOF ICE & WATER HIGH TEMPERATURE	8201066	2 SQUARE		▶ PREMIUM HEAVY DUTY COMMERCIAL UNDERLAYMENT ▶ PEEL AND STICK ▶ TEMPERATURE PERFORMANCE: - 40°F – 260°F ▶ 48 MIL THICKNESS ▶ CLASS A FIRE RATING AS PER ASTM E 108 ▶ GRIPWALK™ HIGH TRACTION TOP SURFACE ▶ EXCELLENT NAIL OR SCREW SEALABILITY

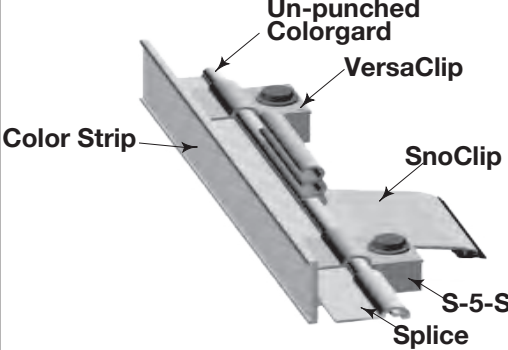


# 18 STANDING SEAM ACCESSORIES




PRODUCT	ITEM NUMBER	SIZE	MODEL NUMBER	INFORMATION
 <b>CUPOLA</b>		24" 36" 48"	SEE ALLAMERICANSTEEL.NET WEBSITE FOR COMPLETE LISTS OF SIZES AND SPECIFICATIONS	▶ 20 DIFFERENT WEATHER VANES AVAILABLE ▶ COLORS OF CUPOLAS MATCH MOST ALL AMERICAN STEEL COLORS ▶ OPTIONAL LITE KITS
 <b>SPECIALTY DOORS</b>		AVAILABLE IN 80" AND 84" HEIGHT AND 60" TO 96" IN WIDTH	SEE ALLAMERICANSTEEL.NET WEBSITE FOR COMPLETE LISTS OF SIZES AND SPECIFICATIONS	▶ STANDARD COLORS POLAR WHITE, BRONZE, HICKORY MOSS AND CHOCOLATE BROWN ▶ FRAME - PREFINISHED STEEL, 16 Gauge ▶ DOUBLE DOORS AVAILABLE ▶ DUTCH CROSSBUCK DOOR 7 DAY DELIVERY, POWDER COAT COLORS TO MATCH MOST ALL OF ALL AMERICAN STEEL COLORS
 <b>PLYCO WALK DOORS</b>	9902002 9902004 9902001 9902003 9909504	STOCK 36" DOORS 20SERIES 30/68 95SERIES 30/68	SEE ALLAMERICANSTEEL.NET WEBSITE FOR COMPLETE LISTS OF SIZES AND SPECIFICATIONS	▶ SERIES 95 - UNIVERSAL SWING FULLY REVERSIBLE - 26 GAUGE, WHITE ONLY, ROLLED EDGE - POSSESS SUPERIOR INSULATING QUALITIES R-13 ▶ SERIES 20 - UNIVERSAL SWING FULLY REVERSIBLE - 24 GAUGE, R-13, LOW TO MEDIUM USAGE, AGRICULTURAL, LIGHT COMMERCIAL
 <b>PLYCO COMMERCIAL WINDOWS</b>	9950001  9951001	4836 STEP SAVER  4836	SEE ALLAMERICANSTEEL.NET WEBSITE FOR COMPLETE LISTS OF SIZES AND SPECIFICATIONS	▶ HORIZONTAL SLIDERS WITH 5/8" INSULATED STANDARD GLAZING - CTB500 ▶ ALUMINUM CONSTRUCTION - MORE DURABLE AND STRONGER THAN VINYL ▶ HARD BAKED ON FINISH FOR YEARS OF PERFORMANCE ▶ COLORS - POLAR WHITE, HICKORY MOSS, BRONZE & BROWN ▶ AVAILABLE IN TINTED, TEMPERED, MIRRORRED OR SAFETY GLASS ▶ INSTALLS QUICKLY USING PLYCO'S STEP SAVER TRIM

## SNOW GUARD

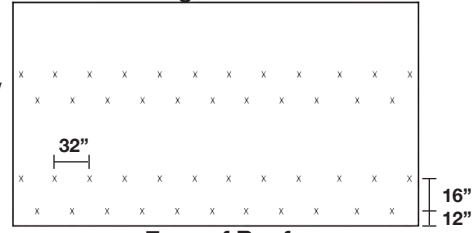


**Towards ridge**





**Face plate towards the eave.**

**Ridge of Roof**

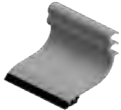


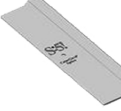




**Eave of Roof**

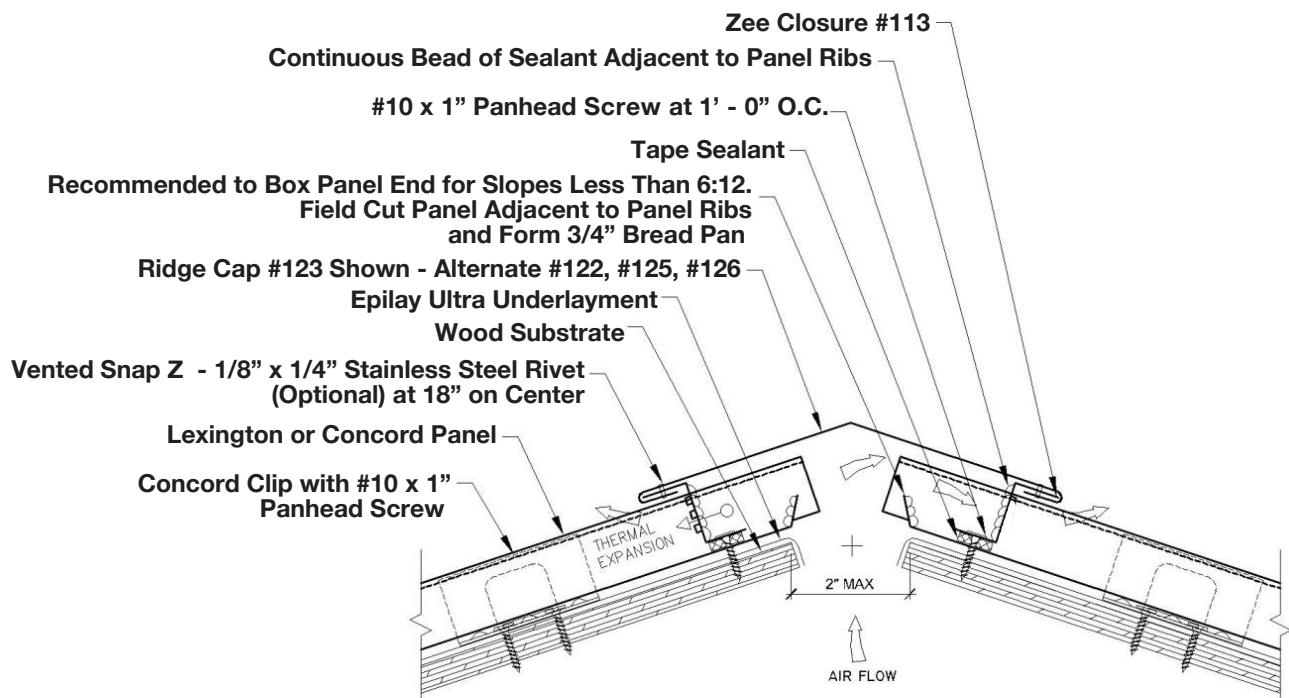
**Remember it is very important to install the guards properly with the correct quantities. Do not only put snow guards over doorways, walkways, etc.**

 <b>S-5-S CLAMP</b>	9903000		SEE ALLAMERICANSTEEL.NET WEBSITE FOR COMPLETE LISTS OF SIZES AND SPECIFICATIONS	▶ SNOW GUARD CLAMP FOR STANDING SEAM SYSTEMS- LEXINGTON & CONCORD ▶ MECHANICALLY FASTENED - DOES NOT PENETRATE ROOF ▶ S-5 IS KNOWN AS THE INDUSTRY LEADER IN SNOW RETENTION
 <b>S-5 COLORGARD RAIL</b>	9903020		SEE ALLAMERICANSTEEL.NET WEBSITE FOR COMPLETE LISTS OF SIZES AND SPECIFICATIONS	▶ SNOW GUARD RAIL FOR STANDING SEAM SYSTEMS- LEXINGTON & CONCORD ▶ UTILIZES COLORED ROOF STEEL TO SLIDE INTO CHANNEL TO BLEND IN WITH ROOF ▶ MECHANICALLY FASTENED - DOES NOT PENETRATE ROOF ▶ MAXIMUM DISTANCE FROM EAVE IS 12" FOR FIRST ROW



PRODUCT	ITEM NUMBER	SIZE	MODEL NUMBER	INFORMATION
 SNO CLIP	9903025			<ul style="list-style-type: none"> <li>▶ ADDED TO THE RAIL TO RETARD THE MIGRATION OF THE SNOW BENEATH THE COLORGARD RAIL</li> <li>▶ MUST BE INSTALLED WHEN RAIL IS INSTALLED. USE SNAP CLIP FOR RETRO-FIT INSTALLATION</li> </ul>
 SNAP CLIP				<ul style="list-style-type: none"> <li>▶ SNAPCLIP IS A RETROFITTED COMPONENT ADDED TO RETARD THE MIGRATION OF SNOW AND ICE BENEATH THE CROSSMEMBERS.</li> </ul>
 COLORGARD STRIP	9903022	2" x 8'		<ul style="list-style-type: none"> <li>▶ AVAILABLE IN EVERY ALL AMERICAN STEEL COLOR</li> <li>▶ TO FIT INTO COLORGARD RAIL</li> </ul>
 SPLICE				<ul style="list-style-type: none"> <li>▶ INCLUDED WITH CROSSMEMBERS, USE THE SPLICE TO JOIN TWO PIECES OF COLORGARD TOGETHER, ENSURING CONTINUOUS, UNBROKEN PROTECTION. THE DIMPLE IN THE CENTER IS DESIGNED TO PROVIDE A GAP, ALLOWING FOR EXPANSION AND CONTRACTION OF THE COLORGARD SECTIONS</li> </ul>
 VERSACLIP				<ul style="list-style-type: none"> <li>▶ AVAILABLE FOR PURCHASE SEPARATELY, VERSACLIP MAKES INSTALLATION EASY, AS IT SIMPLY SLIDES ON THE COLORGARD CROSSMEMBER. (ONE PER CLAMP)</li> </ul>
 SNOW DEFENDER 6500	9903028			<ul style="list-style-type: none"> <li>▶ DESIGNED FOR 1" AND 1-1/2" LEXINGTON AND CONCORD</li> <li>▶ SNOW GUARD BLADE NEEDS TO BE TOWARDS THE EAVE</li> <li>▶ TORQUE ALL SET SCREWS IN ALTERNATE FASHION</li> <li>▶ SET SCREWS ARE TORQUED AT A MAXIMUM OF 220" LBS</li> <li>▶ IT IS RECOMMENDED TO USE A TORQUE WRENCH</li> </ul>

## VENTED HIP AND RIDGE DETAIL

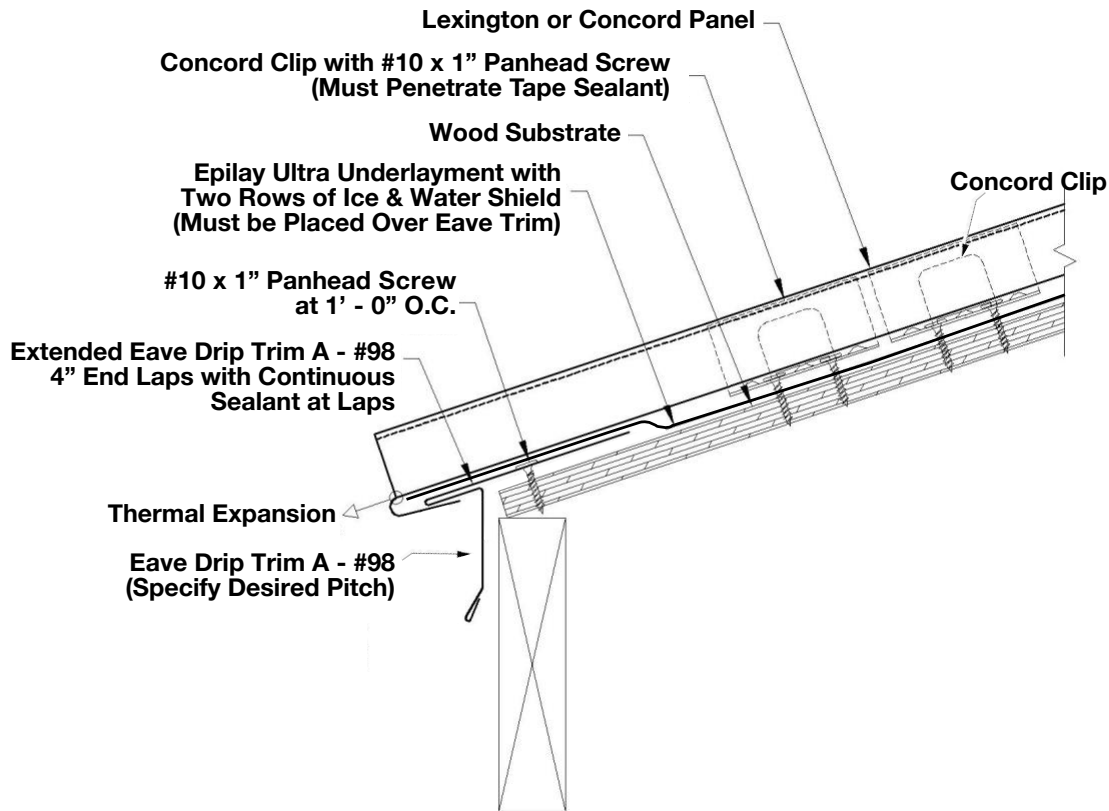




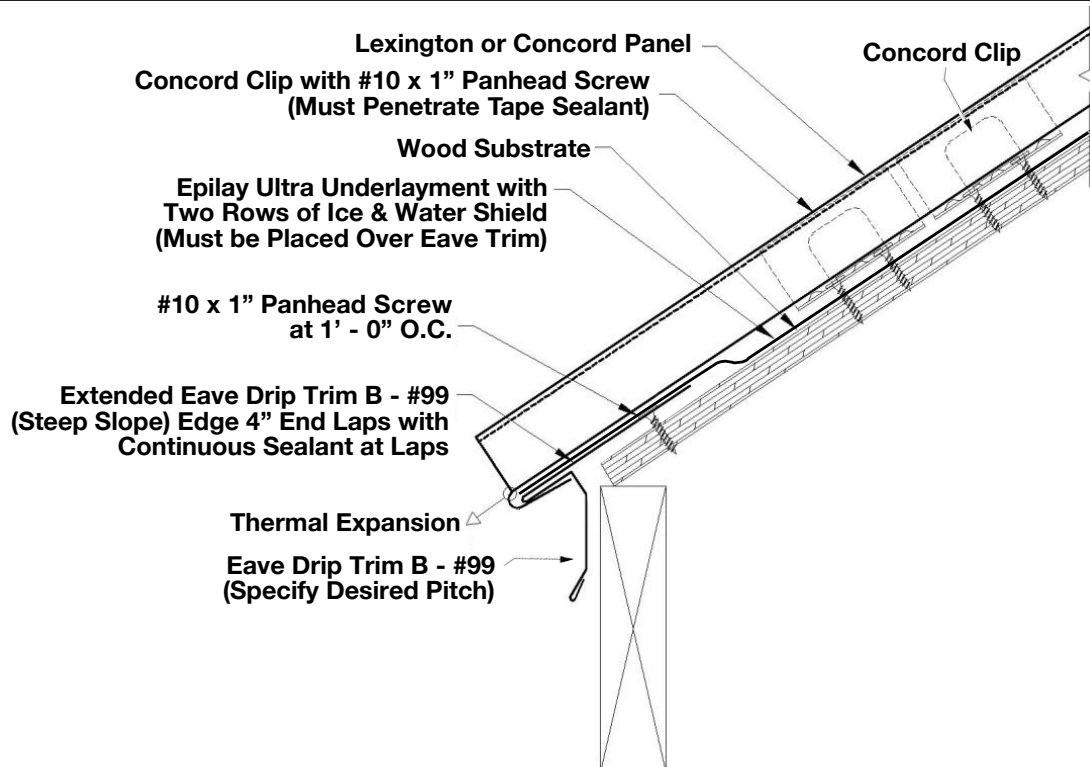
# 20 LEXINGTON & CONCORD



## EAVE DETAIL (UP TO 7:12 SLOPE)

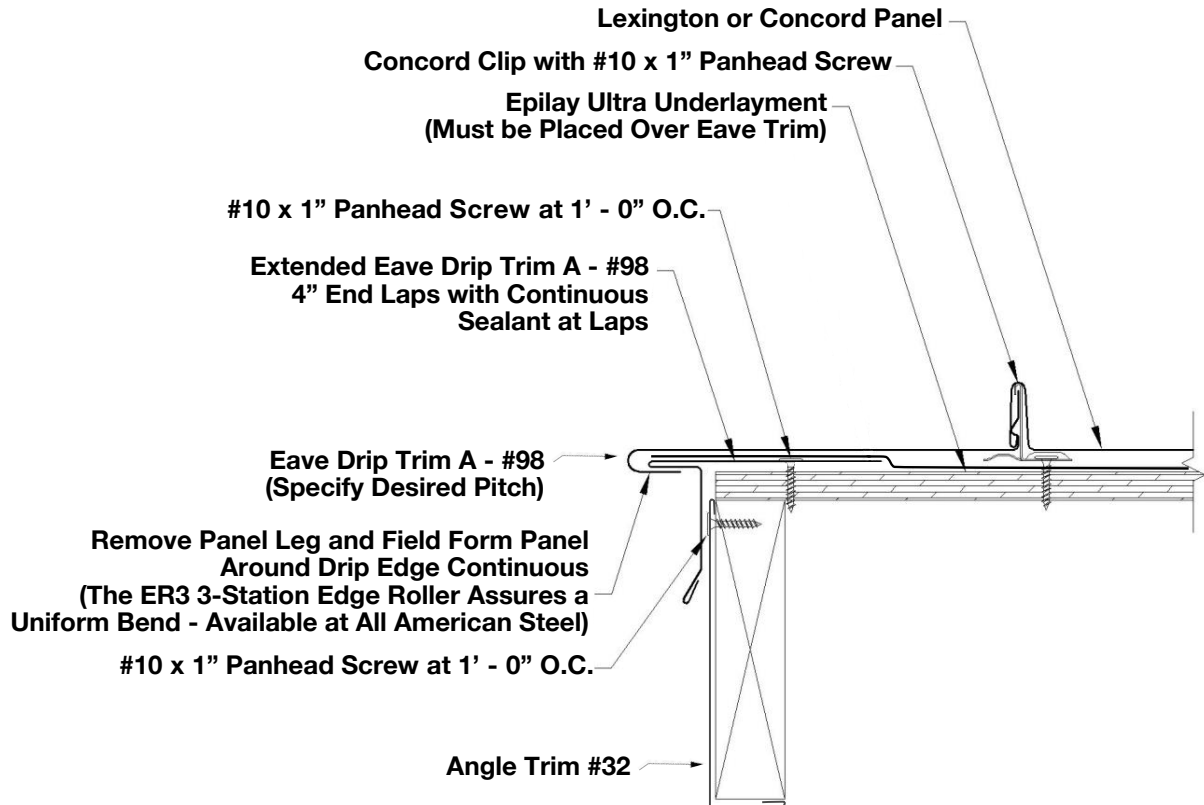


## EAVE DETAIL (STEEP SLOPE)

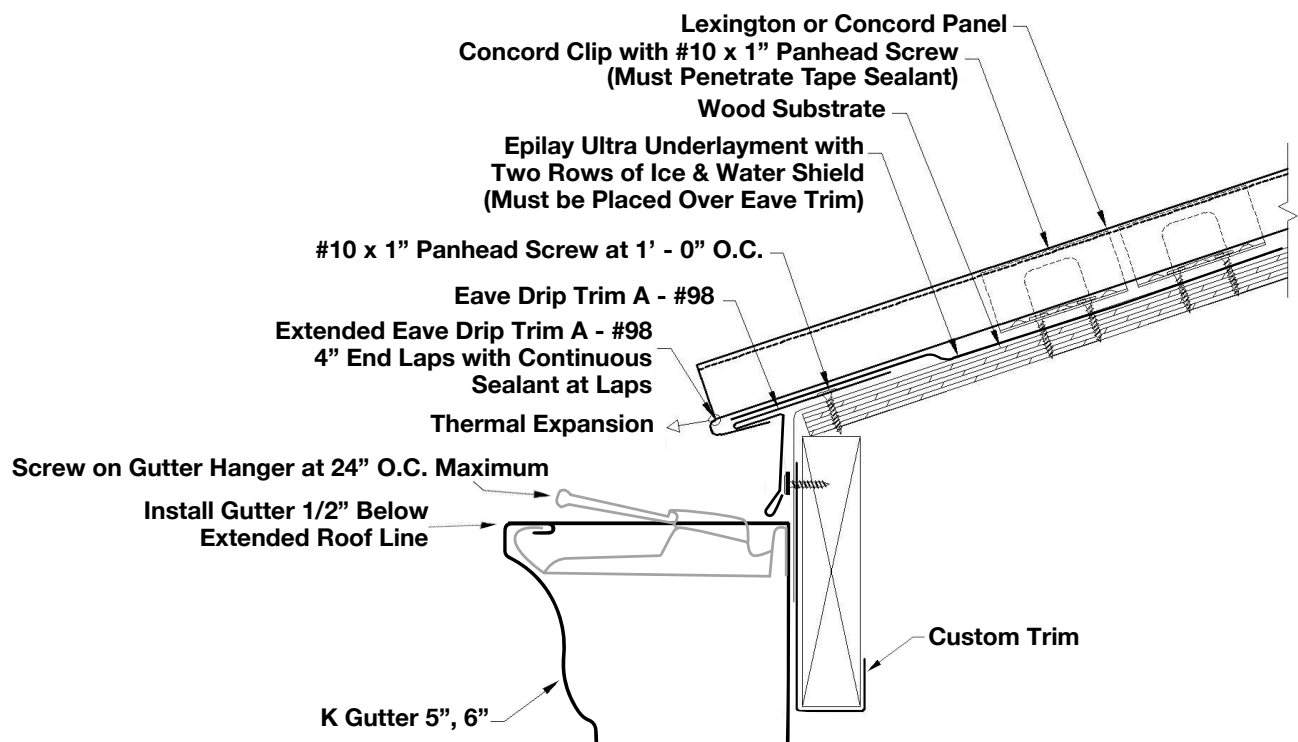




## GABLE DETAIL - DRIP TRIM



## EAVE DETAIL WITH GUTTER

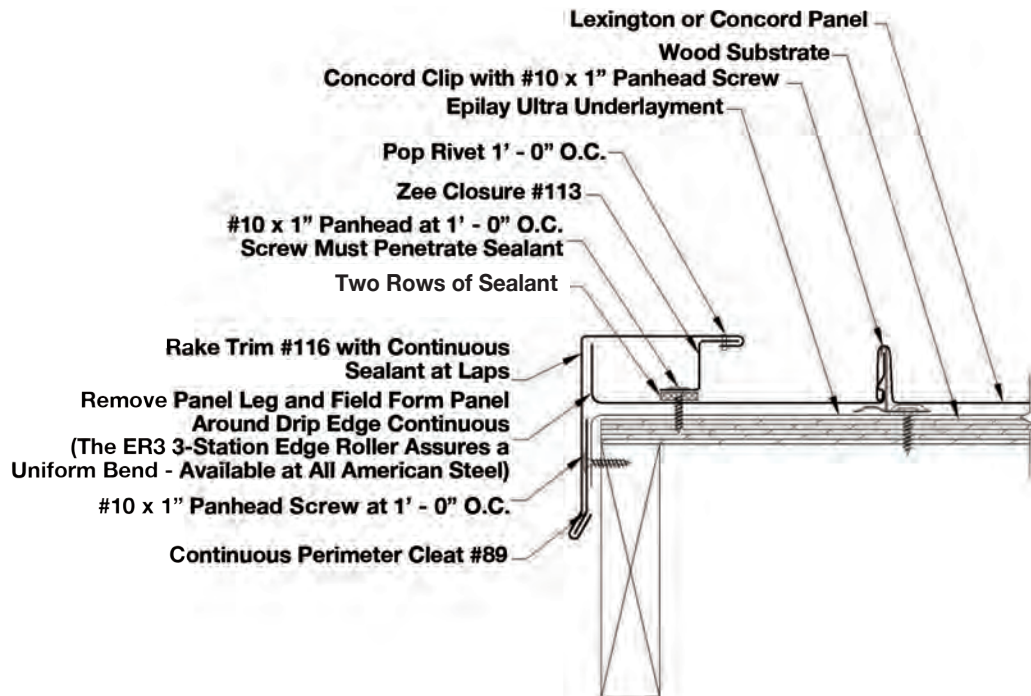




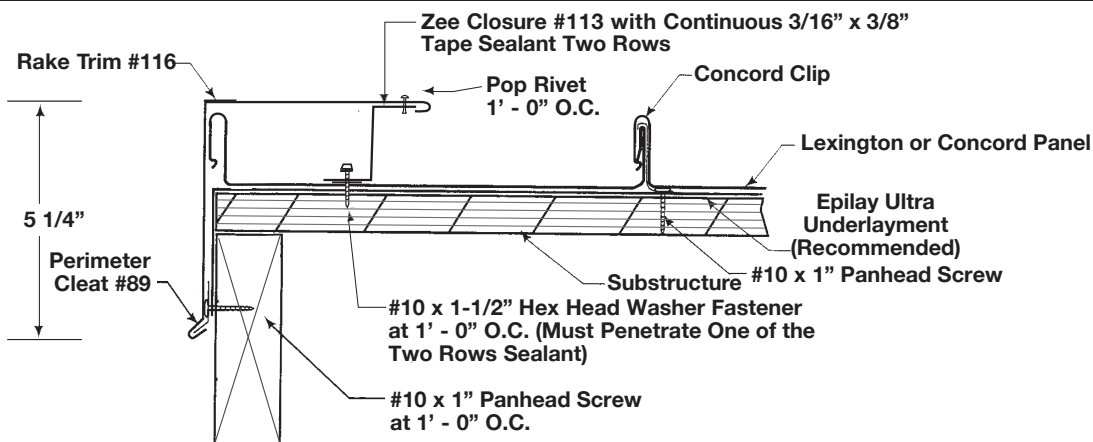
# 22 LEXINGTON & CONCORD



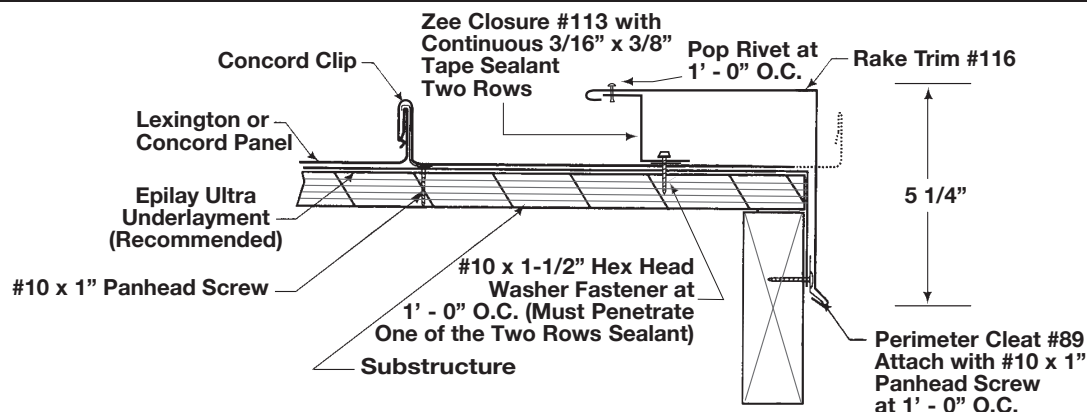
## RAKE DETAIL - WITH ZEE CLOSURE



## RAKE DETAIL ALTERNATE

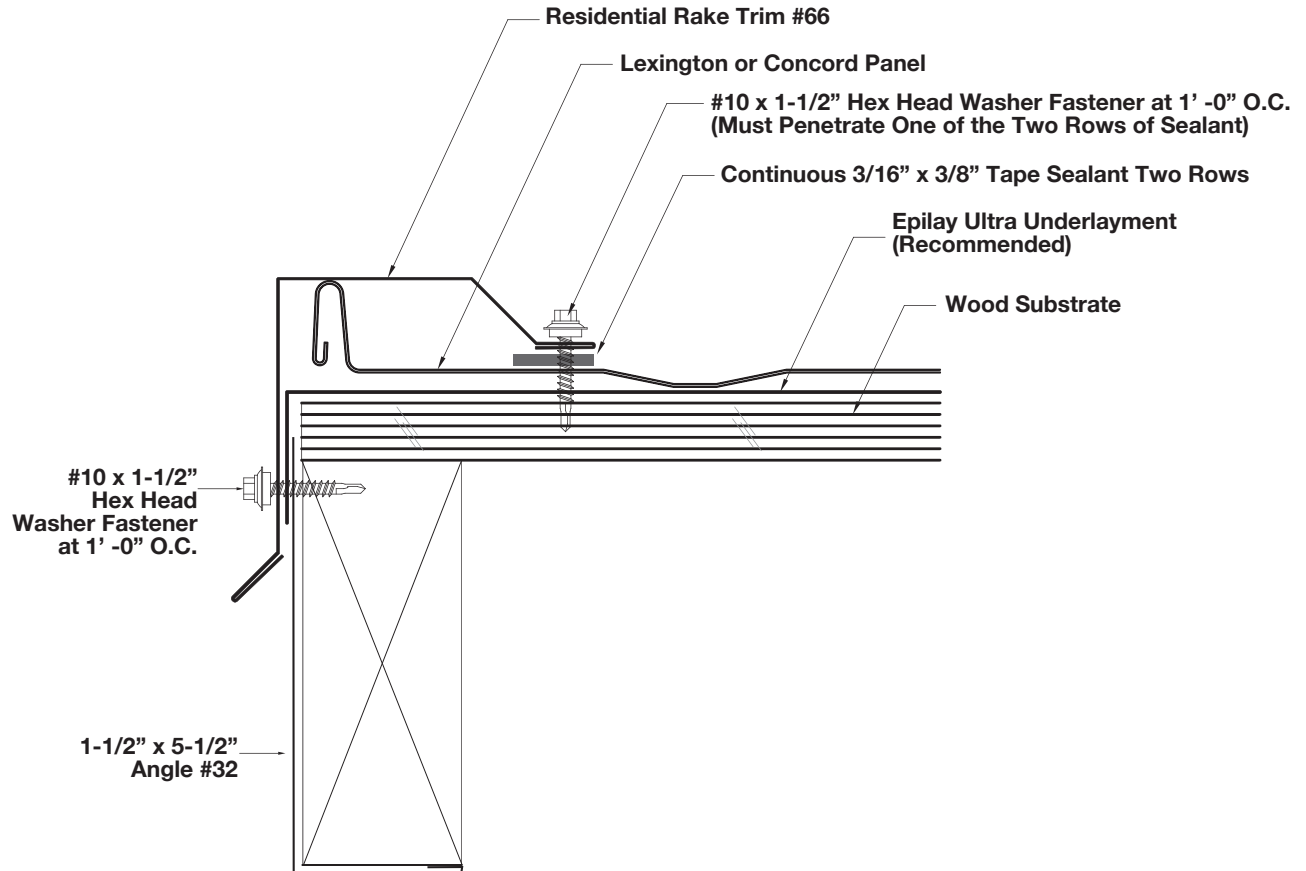


## RAKE DETAIL ALTERNATE

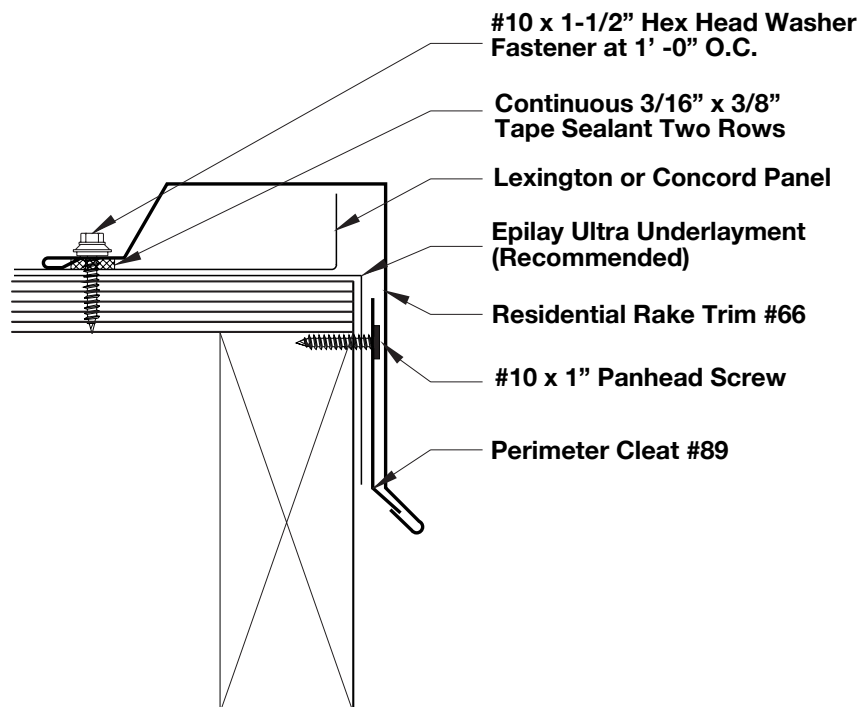




## RAKE DETAIL - EXPOSED FASTENERS



## RAKE DETAIL - EXPOSED FASTENERS WITH PERIMETER CLEAT

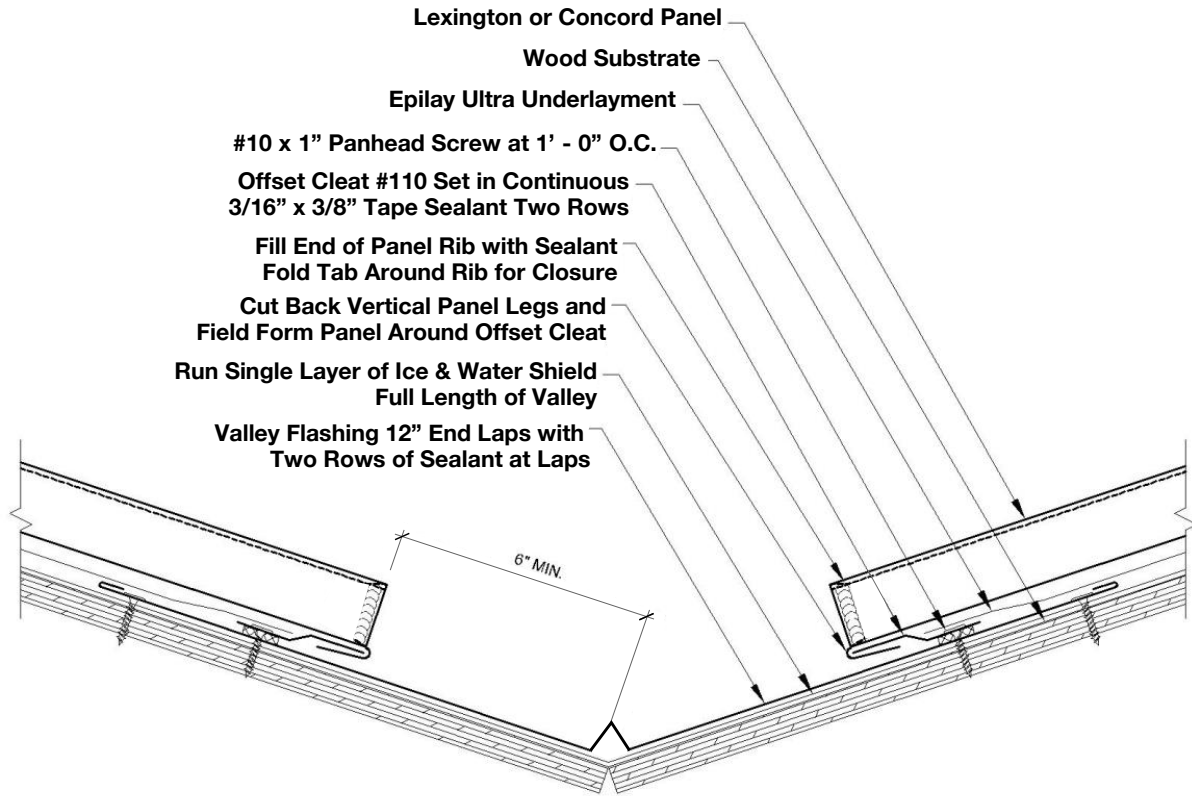




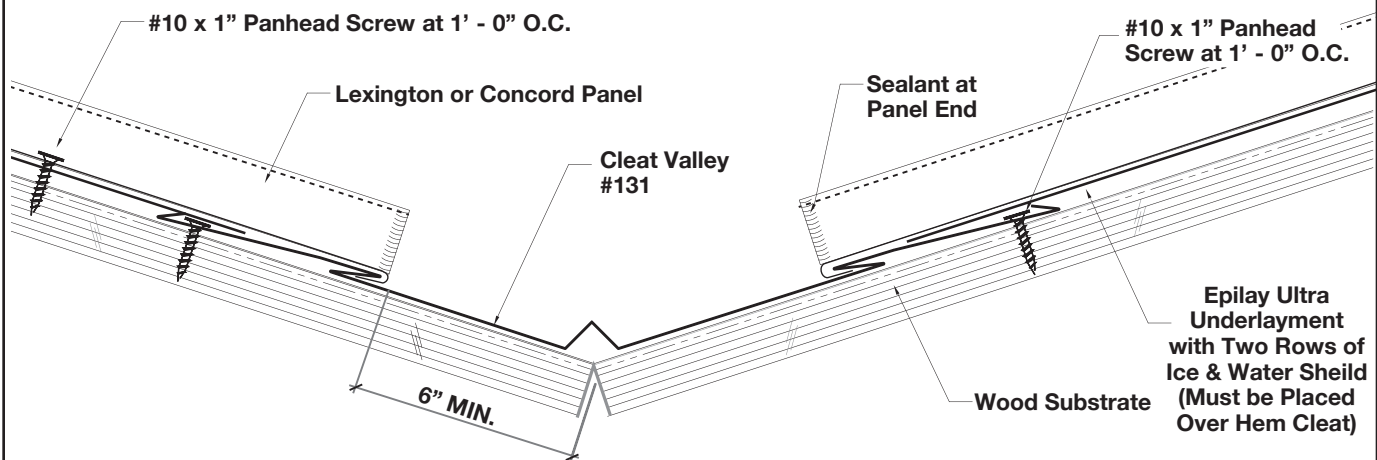
# 24 LEXINGTON & CONCORD



## VALLEY TRIM DETAIL - OFFSET CLEAT



## CLEAT VALLEY DETAIL

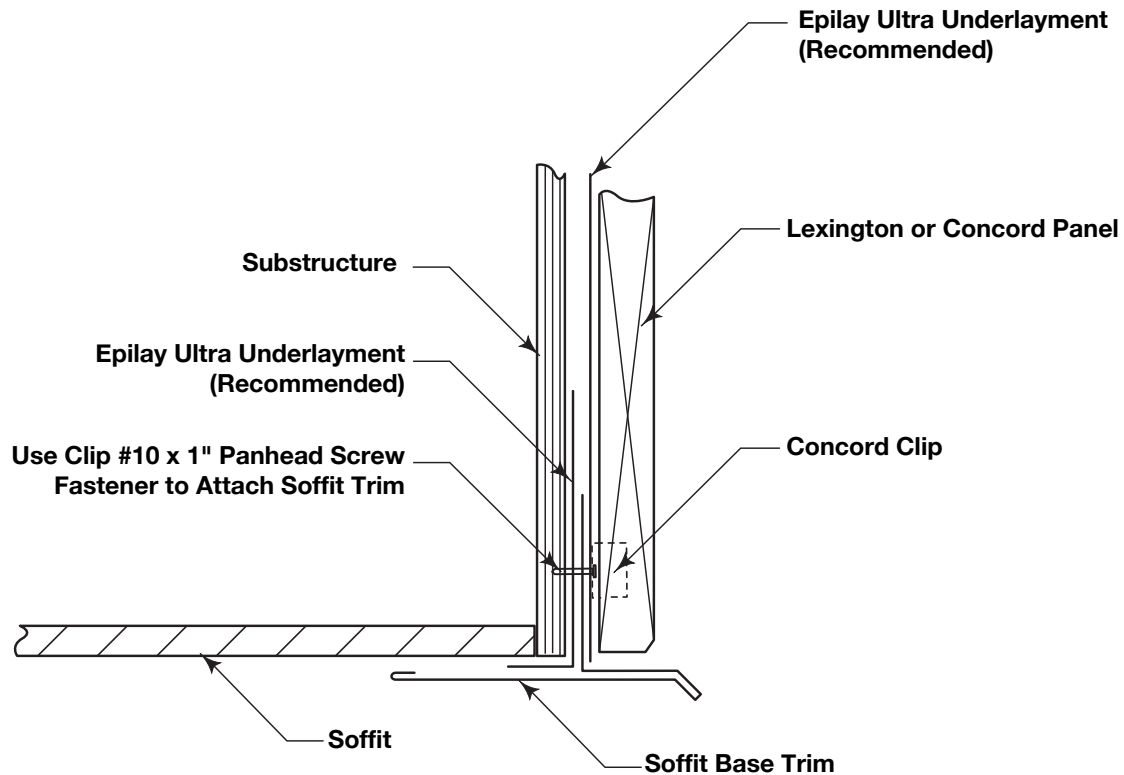


### NOTES:

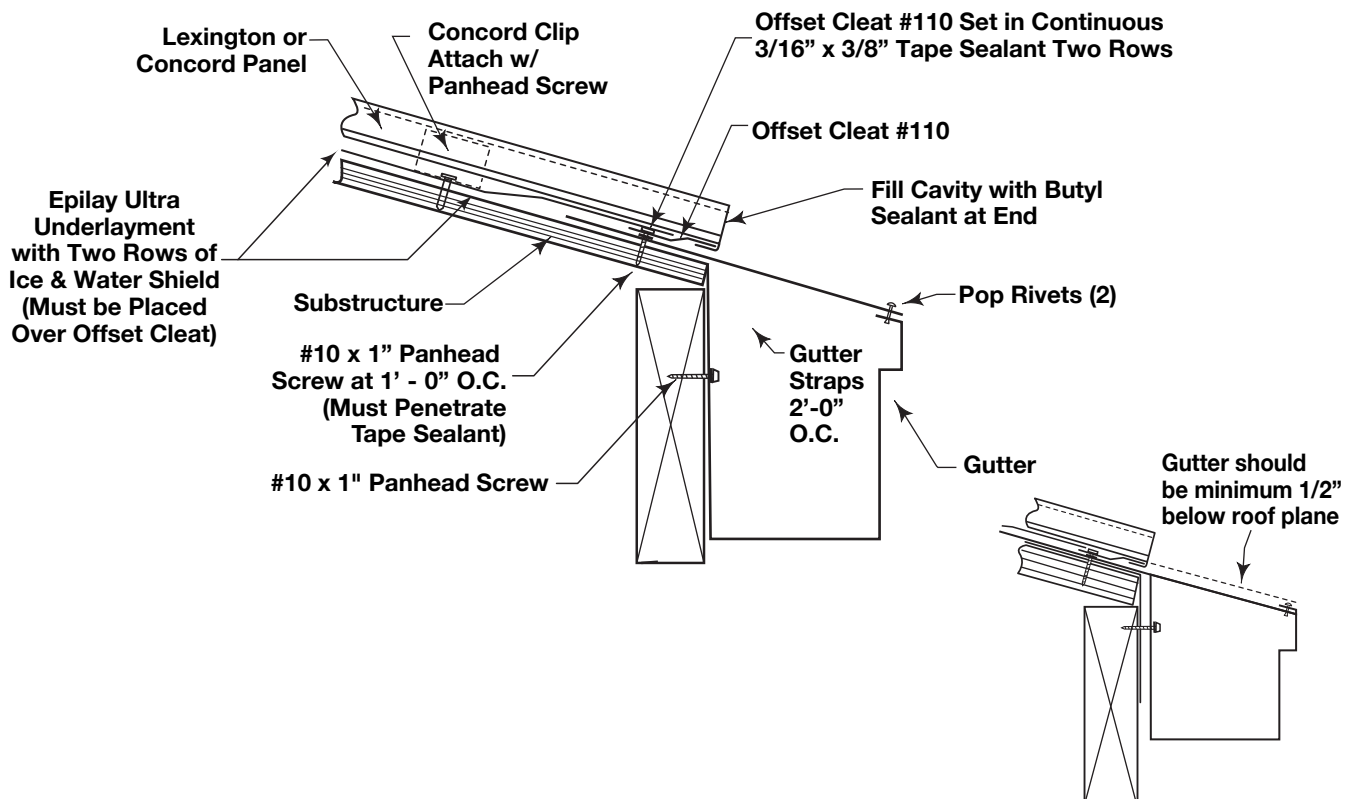
1. Cleat Valley's from the eave upward, will be made progressively smaller to allow for a easier 12" lap installation.
2. For clarification, one layer of Ice & Water Shield should be installed full length of valley directly on roof deck. The cleat valley is then installed on top of the Ice & Water Shield. Two rows of Ice & Water Shield are then installed parallel to eave covering the integral cleat. Lastly, Epilay Ultra Underlayment is installed over the top of the roof deck and Ice & Water Shield up to and covering the integral cleat, as well.



## WALL PANEL BASE



## EAVE WITH BOX GUTTER

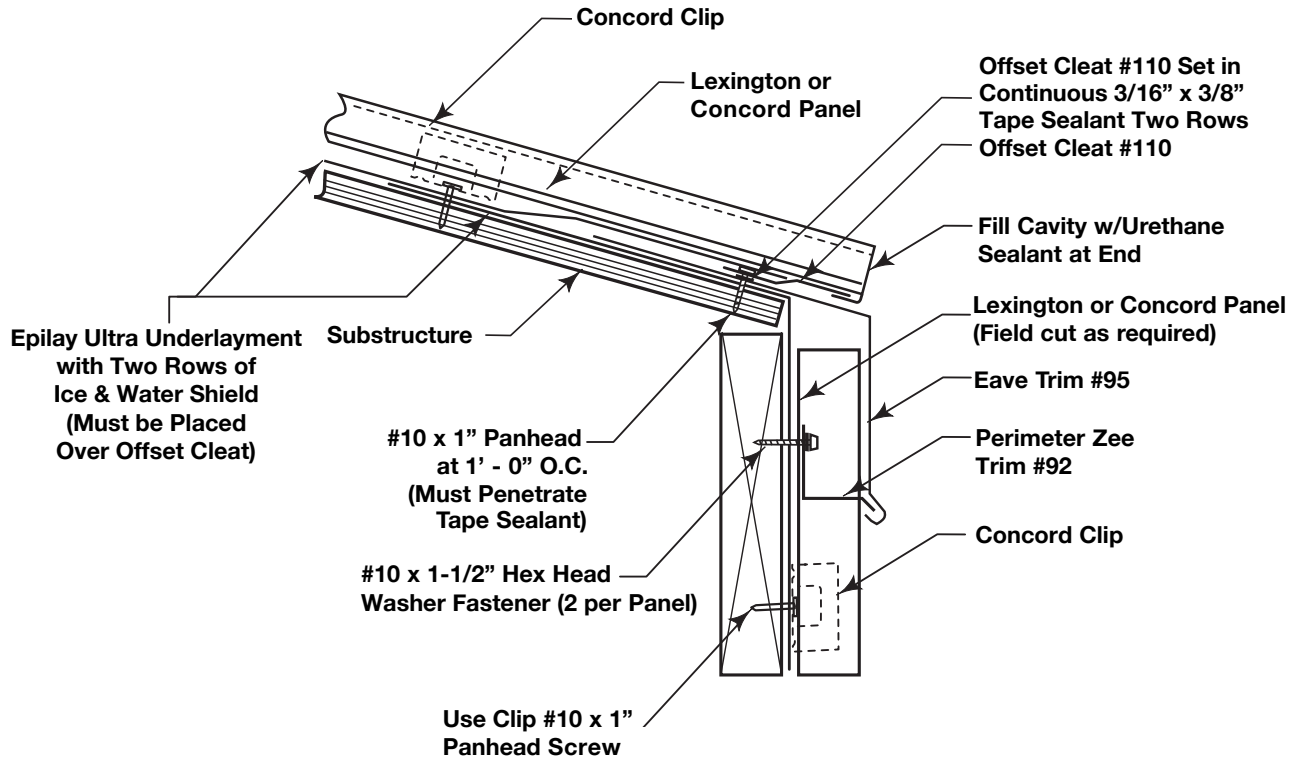




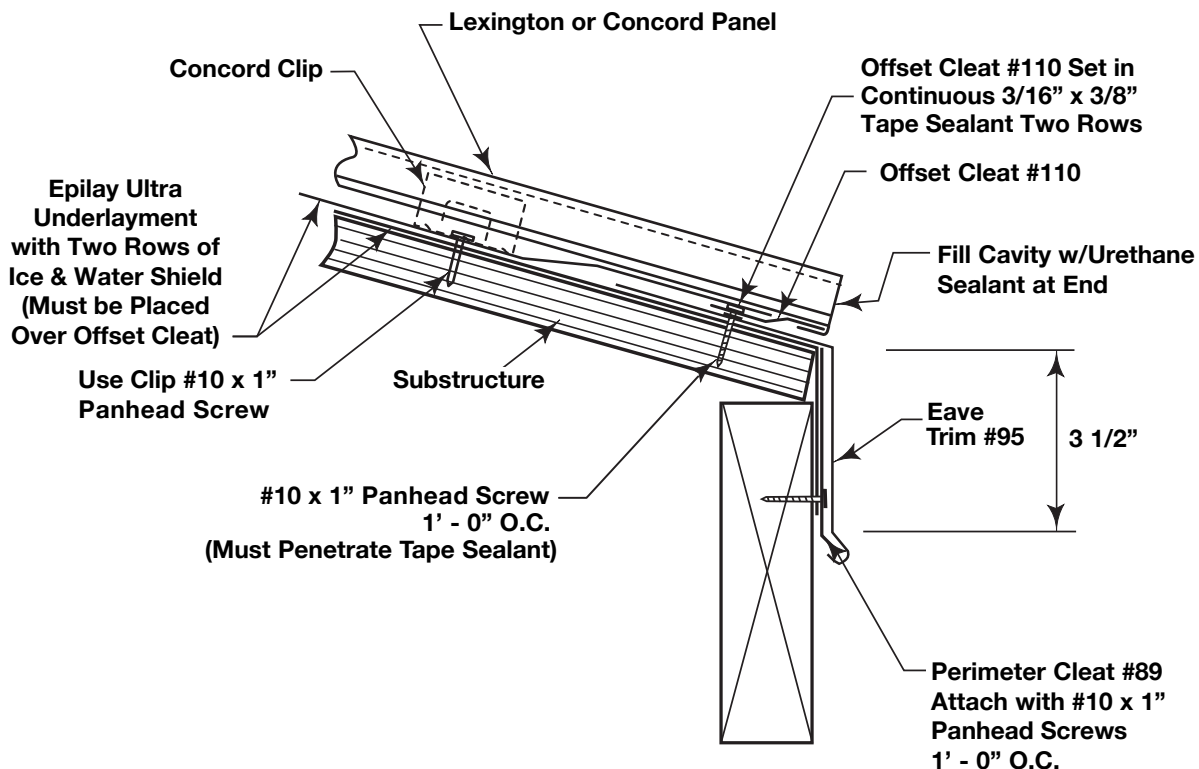
# 26 LEXINGTON & CONCORD



## EAVE TO WALL PANEL TRANSITION

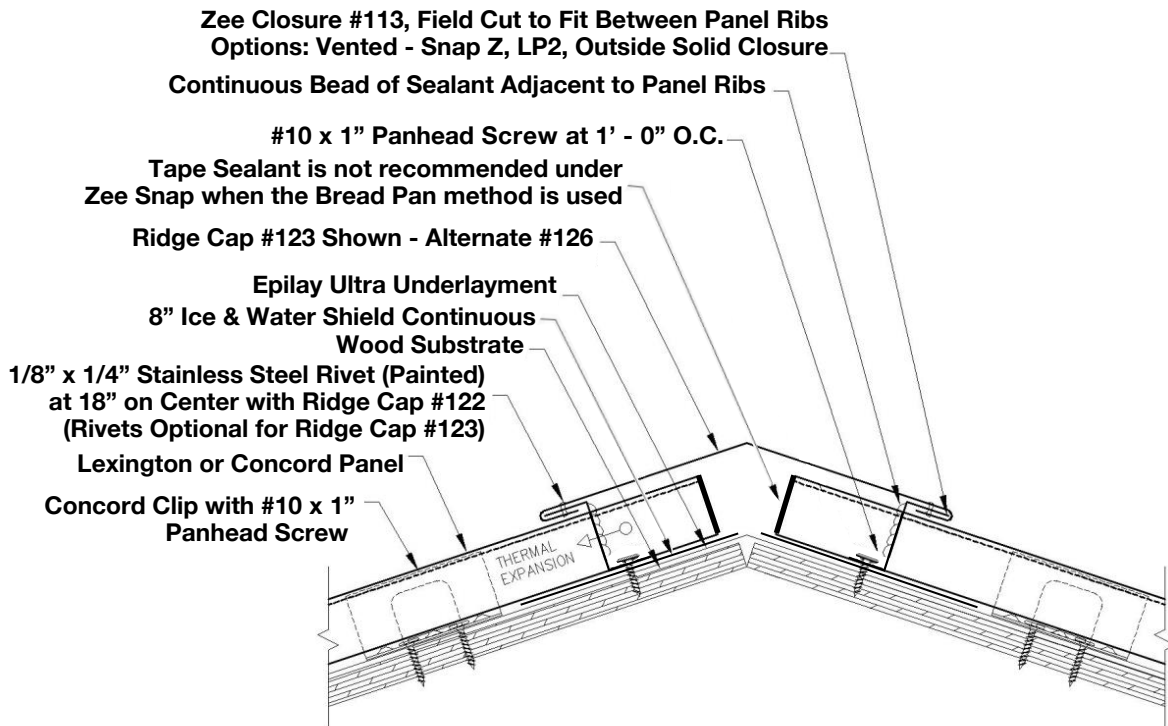


## STANDARD EAVE WITH OFFSET CLEAT

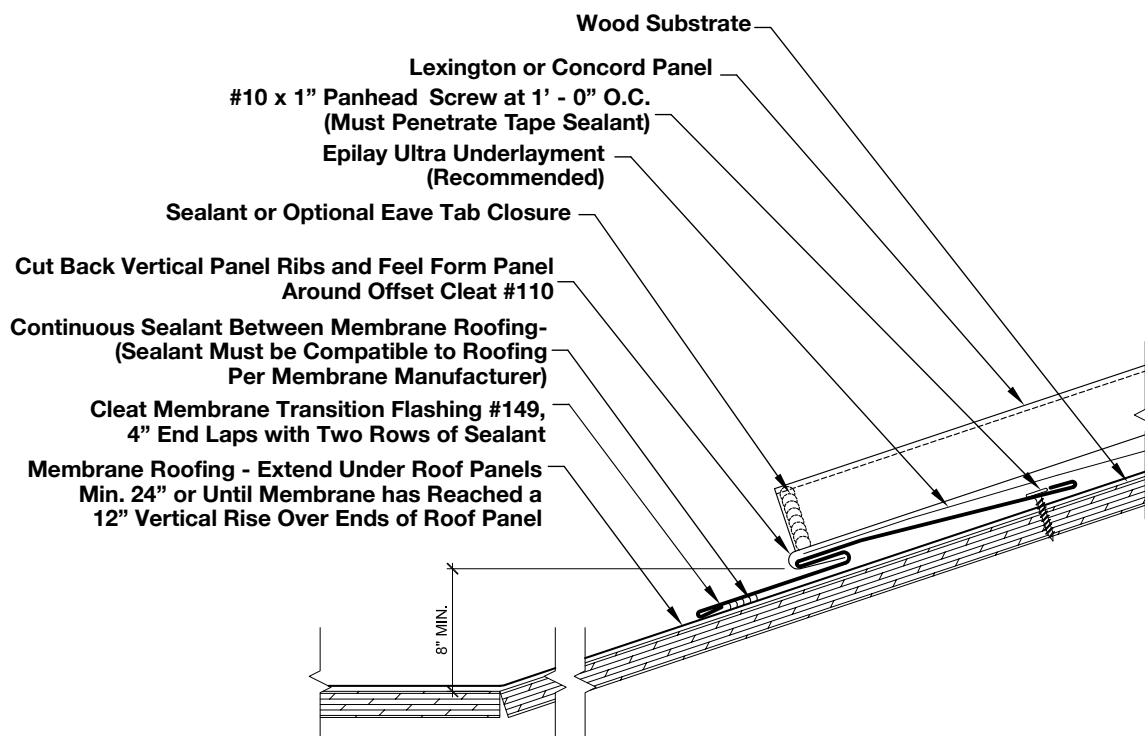




## HIP AND RIDGE DETAIL



## CLEAT MEMBRANE TRANSITION





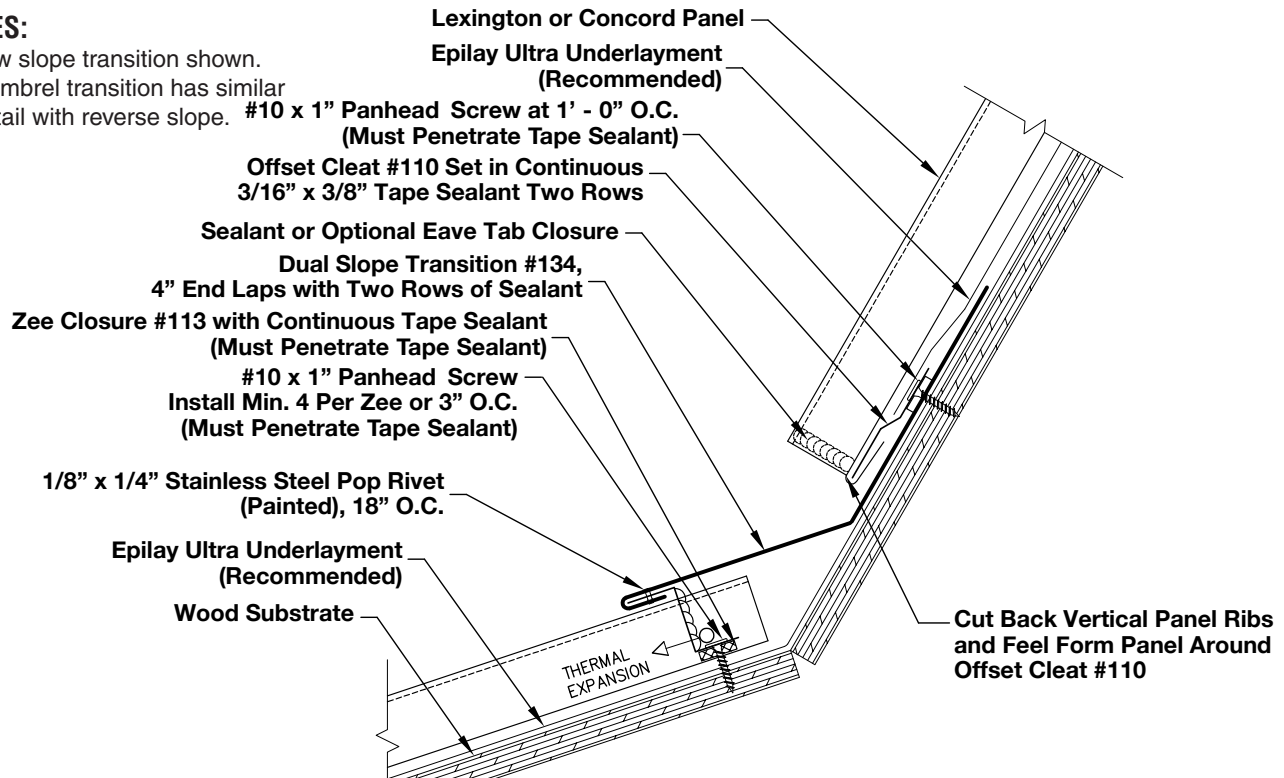
# 28 LEXINGTON & CONCORD



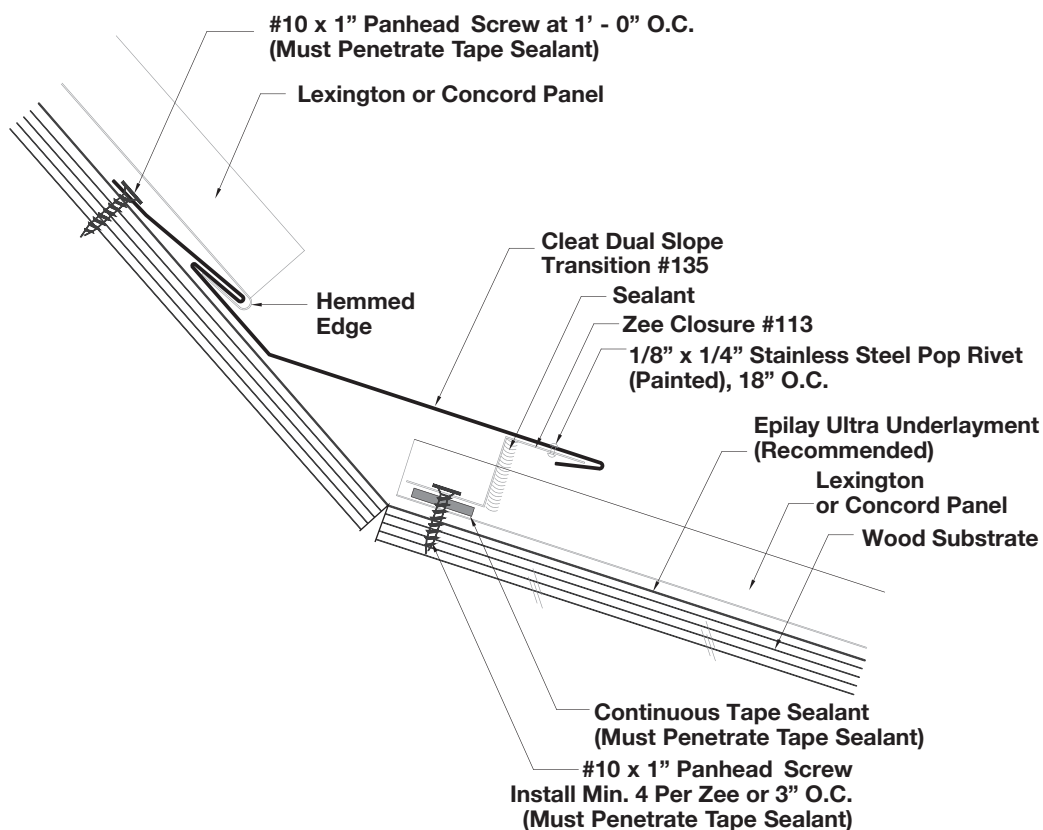
## DUAL SLOPE TRANSITION

### NOTES:

1. Low slope transition shown.
2. Gambrel transition has similar detail with reverse slope.

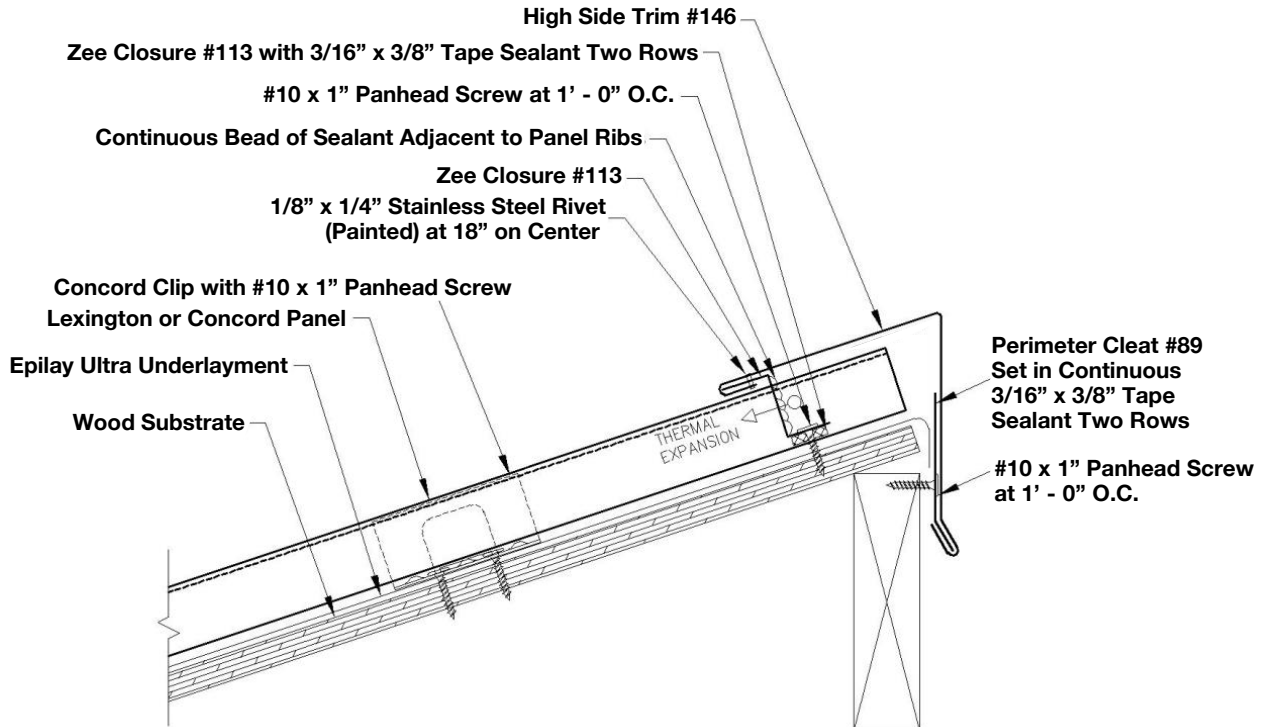


## CLEAT DUAL SLOPE TRANSITION

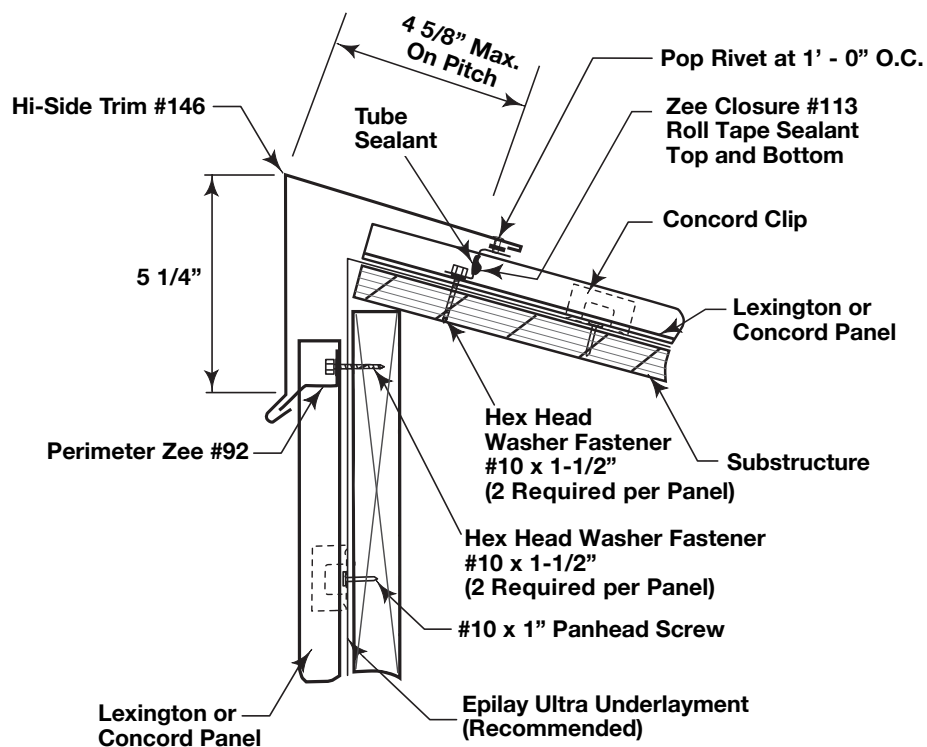




## HIGH SIDE TRIM



## HIGH SIDE TRIM WITH WALL PANEL

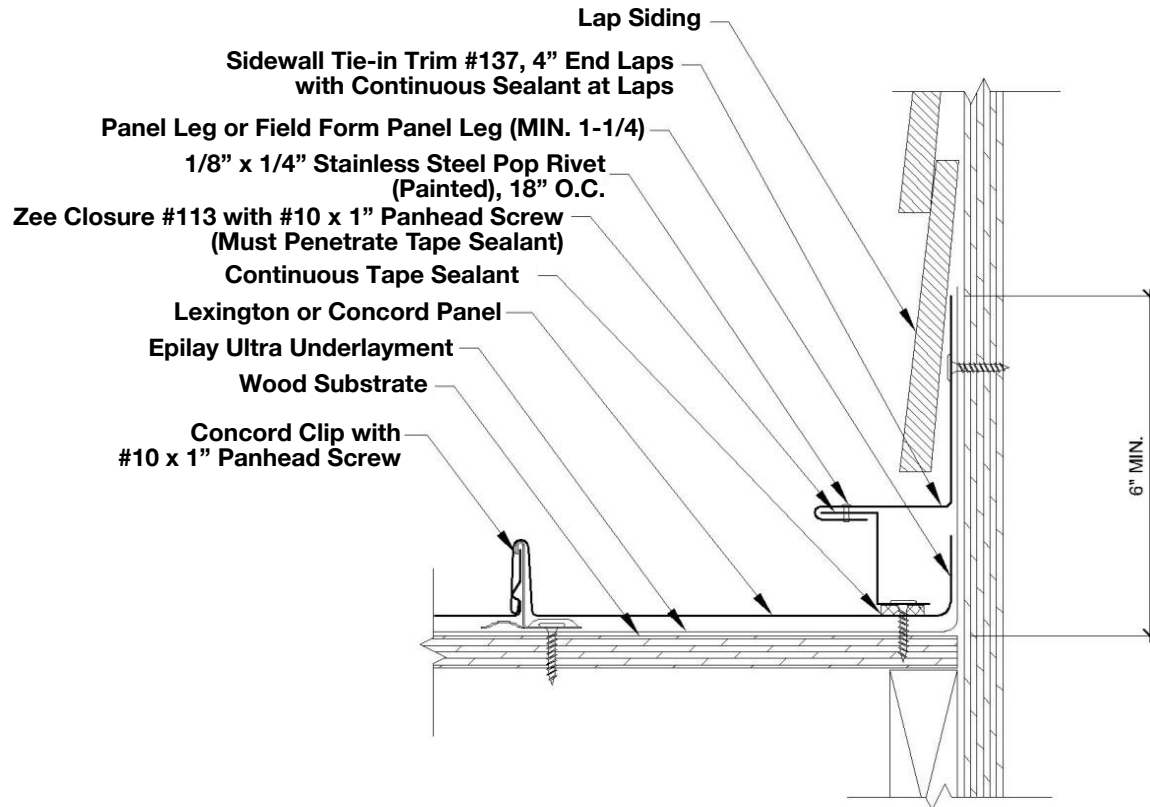




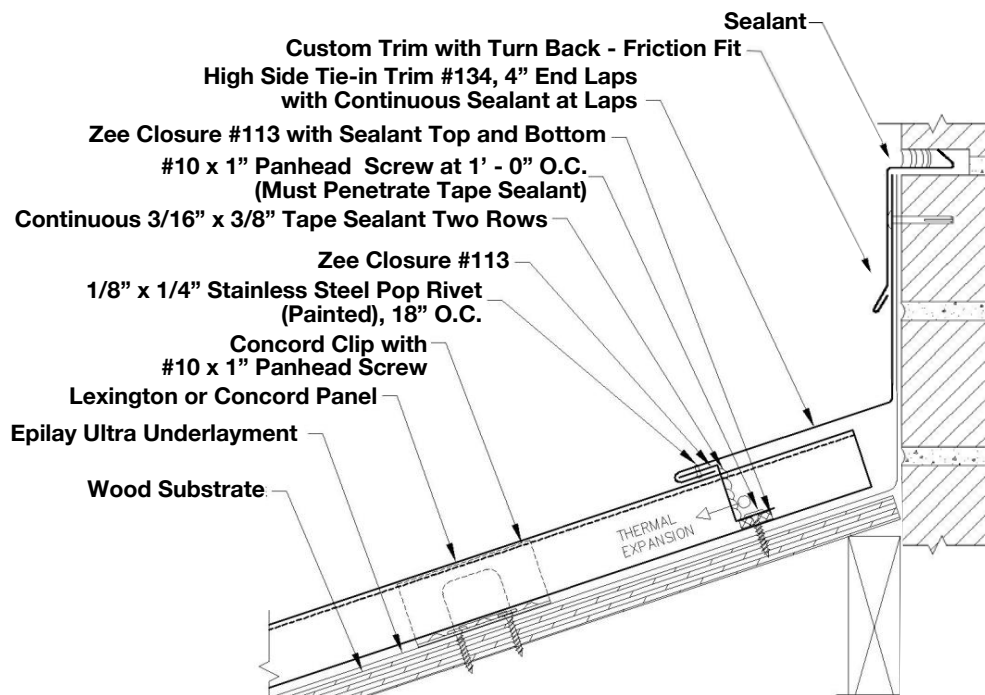
# 30 LEXINGTON & CONCORD



## SIDE WALL WITH SIDING

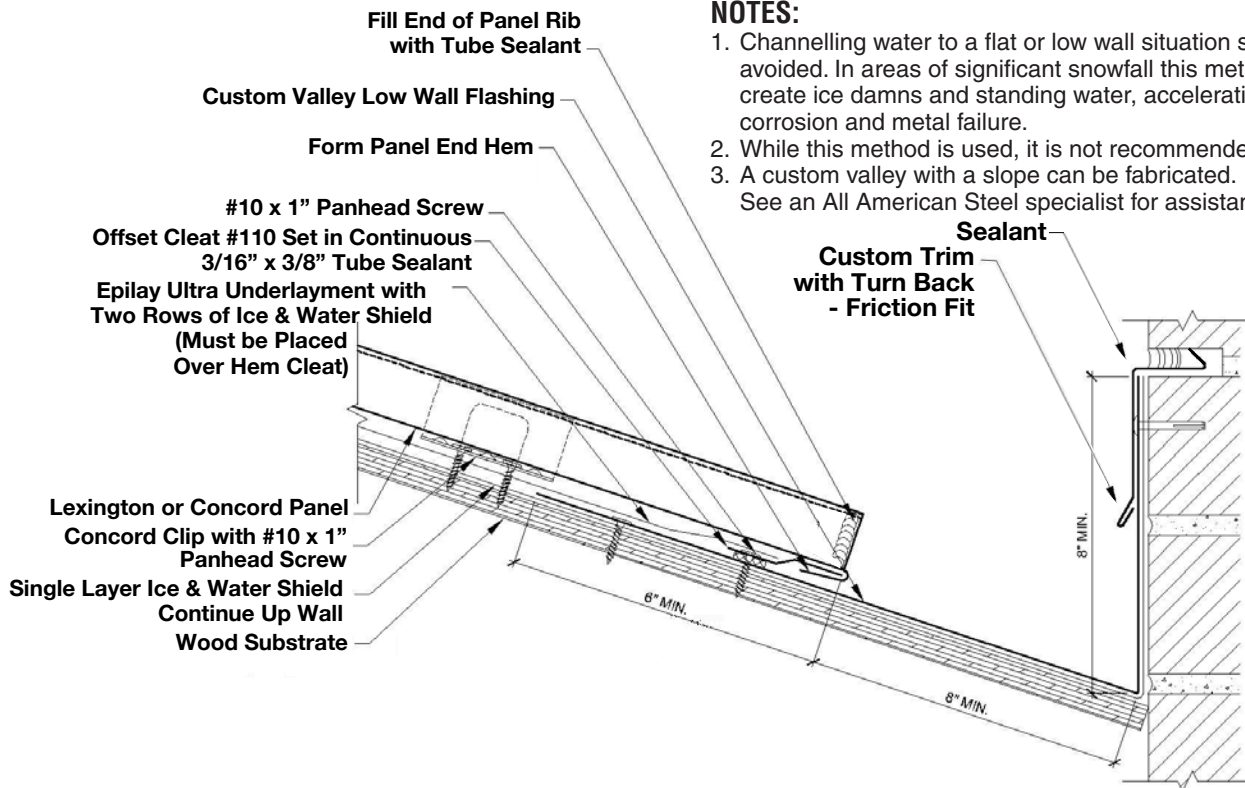


## HIGH SIDE TIE-IN (ENDWALL)





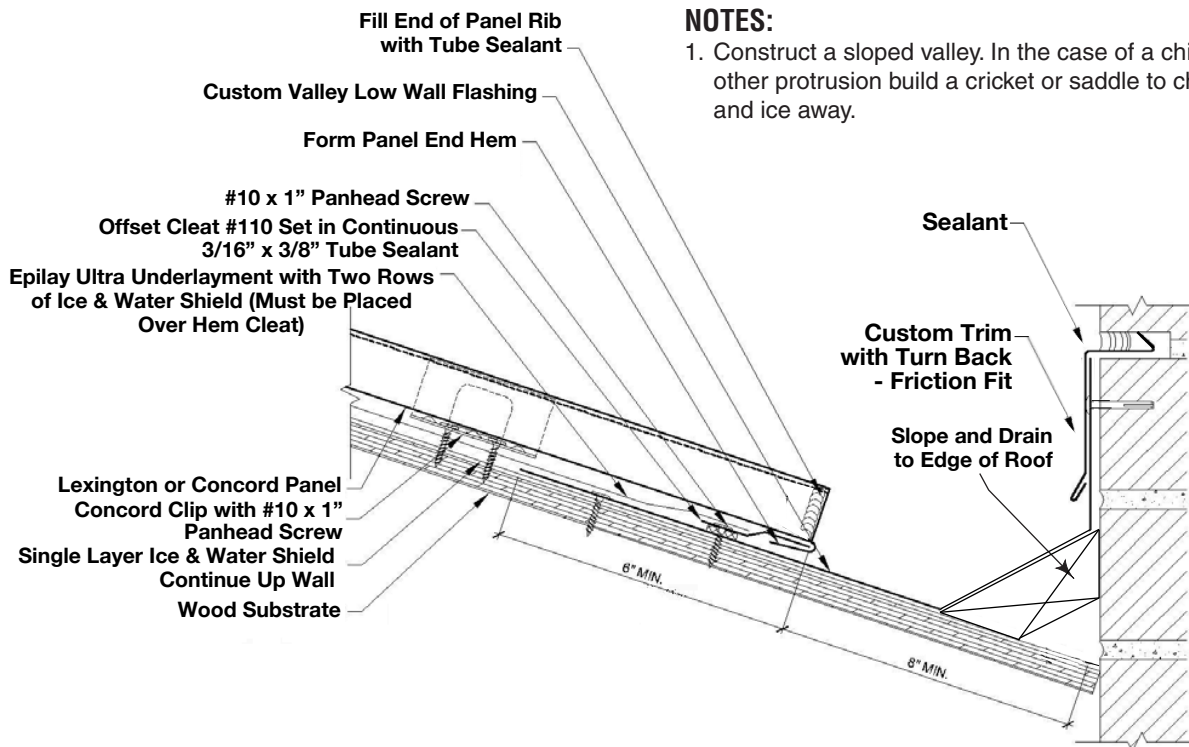
## IMPROPER LOW WALL DETAIL



### NOTES:

1. Channelling water to a flat or low wall situation should be avoided. In areas of significant snowfall this method will create ice dams and standing water, accelerating corrosion and metal failure.
2. While this method is used, it is not recommended.
3. A custom valley with a slope can be fabricated. See an All American Steel specialist for assistance.

## PROPER LOW WALL DETAIL

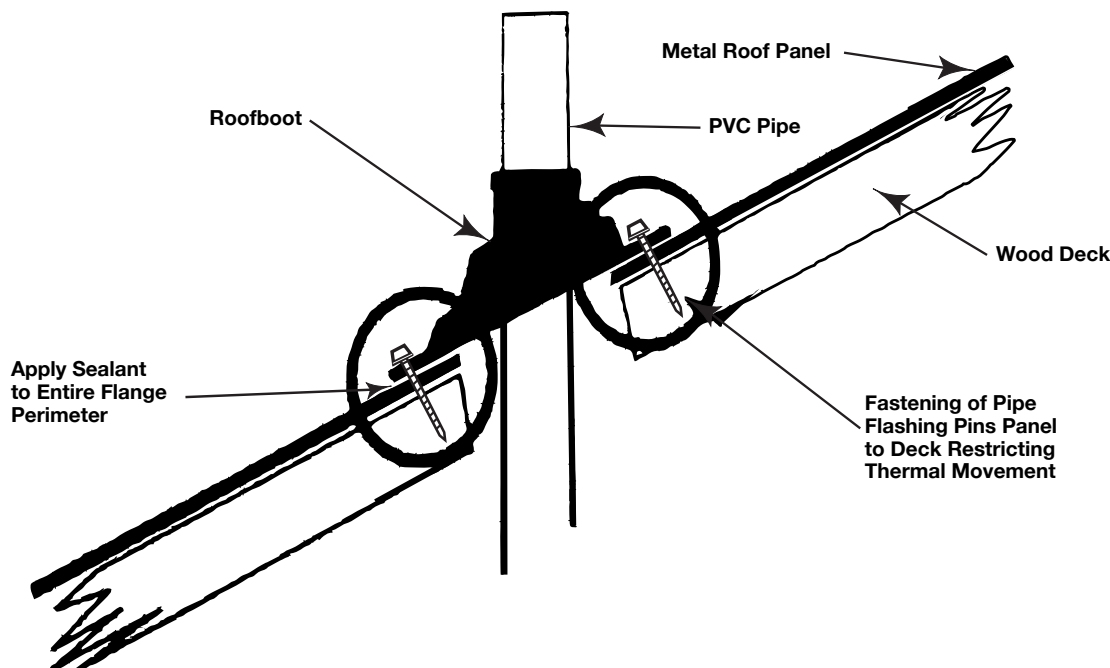


### NOTES:

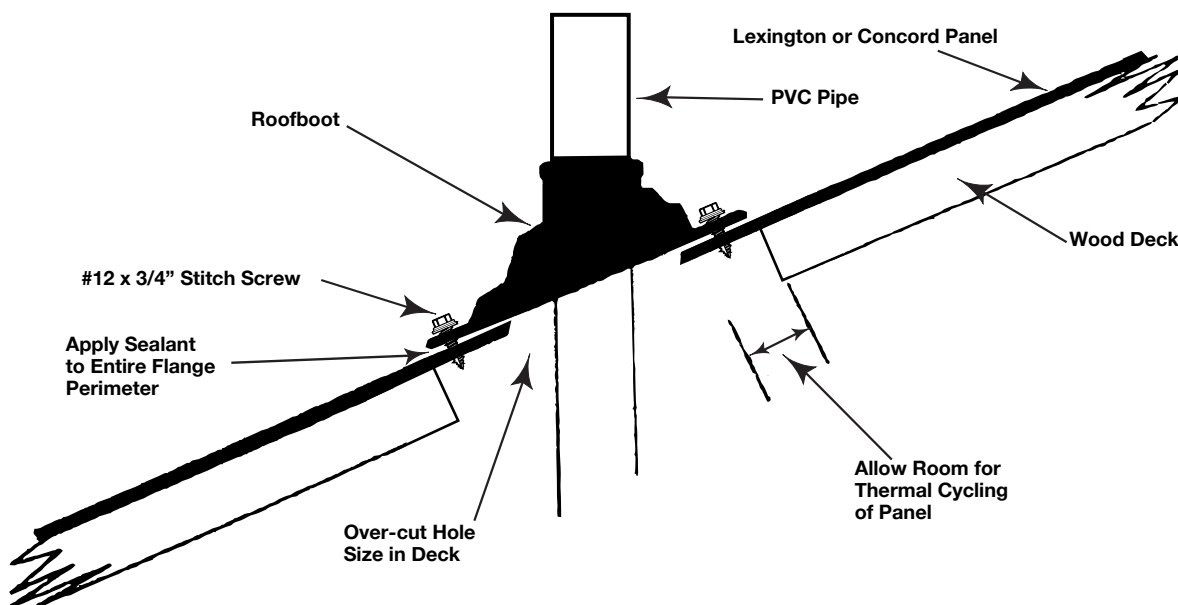
1. Construct a sloped valley. In the case of a chimney or other protrusion build a cricket or saddle to channel water and ice away.



## IMPROPER ROOFBOOT INSTALLATION



## PROPER ROOFBOOT INSTALLATION



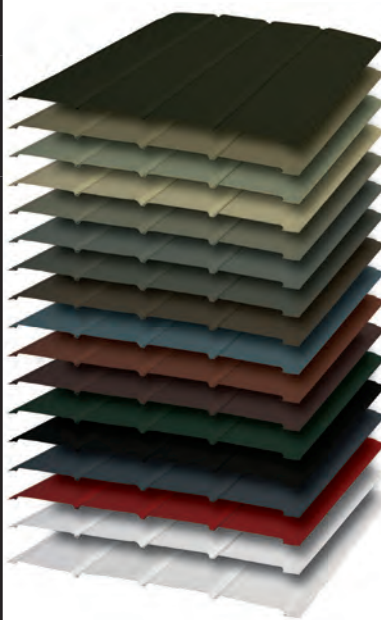
### NOTES:

1. Position the vent pipe so that it comes through the center of the panel even if that requires extra fittings and change of pipe location below the roof deck.
2. Roofboot should be installed so it floats and is able to adjust to the thermal movement of the roof panel.
3. Care should be used when attaching any Roofboot fasteners so that they do not engage the roof substrate, but merely secure the Roofboot to the roof panel itself.
4. Double pinning is normally avoided by over cutting the deck. Over cutting is making the hole in the deck material larger than the base dimension of the Roofboot.
5. Apply roof sealant to underside of base pressing Roofboot on to the panel firmly to avoid gaps.
6. Progressively drill and fasten boot flange with #12 x 3/4" stitch screws.



# SOFFIT

Finally, soffit in colors that match roofing and siding panels.



## AVAILABLE COLORS

Burnished Slate  
Saddle Tan  
Light Stone  
Cobblestone  
Clay Mist  
Smoke Gray  
Charcoal Gray  
Cocoa Brown  
Roman Blue  
Red  
Classic Burgundy  
Forest Green  
Black  
Midnight Blue  
Brite Red  
Brite White  
White

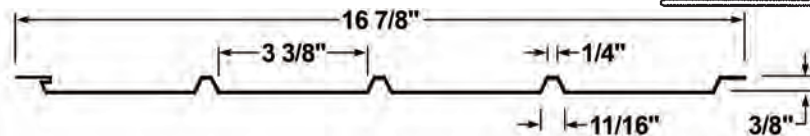
- ▶ Available in both solid (non-vented) and center vent soffit panels
- ▶ Aluminum soffit panels cover 16" wide and are 3/8" deep.
- ▶ Stock lengths are 12'. 192 square feet per carton.
- ▶ Finish - Poly Coat 3000.
- ▶ Available in every All American Steel color except copper canyon
- ▶ Center vent soffit has 6.6" of net free area per lineal foot.

J-Channel  
1095701-21

F-Channel  
1095501-13

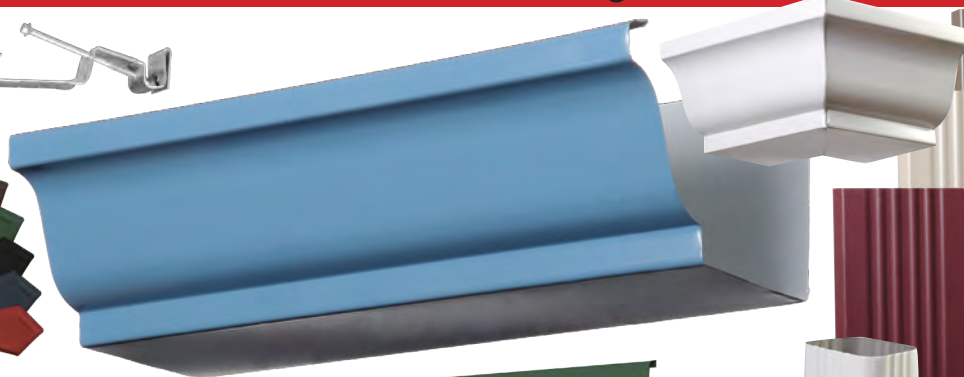
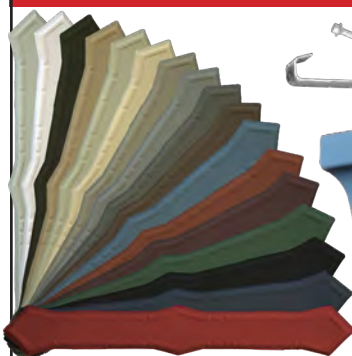
F&J-Channel  
1095601-13

Color Inside  
J-Channel

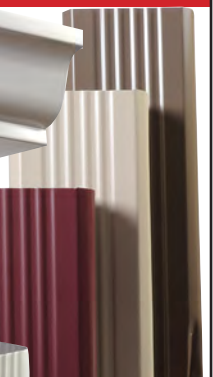
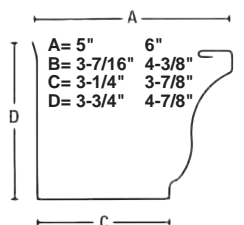


# STYLE K GUTTER

And guess what?  
The gutter matches too!

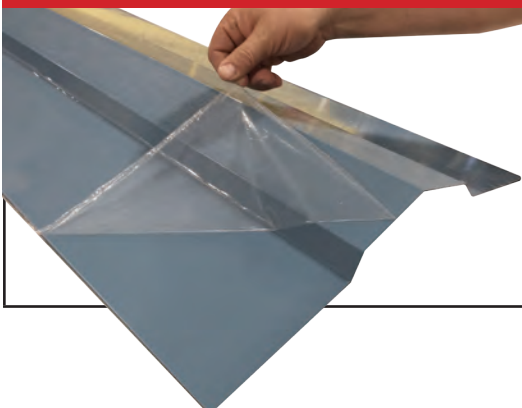


- ▶ Available in 29 gauge galvanized
- ▶ 5" available in every All American Steel colors except copper canyon
- ▶ 6" available in white, earth brown, cocoa brown, teritone only
- ▶ Weather XL™ finish
- ▶ 40 year finish warranty

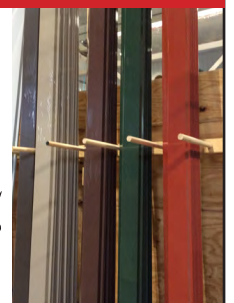


# PROTECTIVE FILM

Scratch free trim

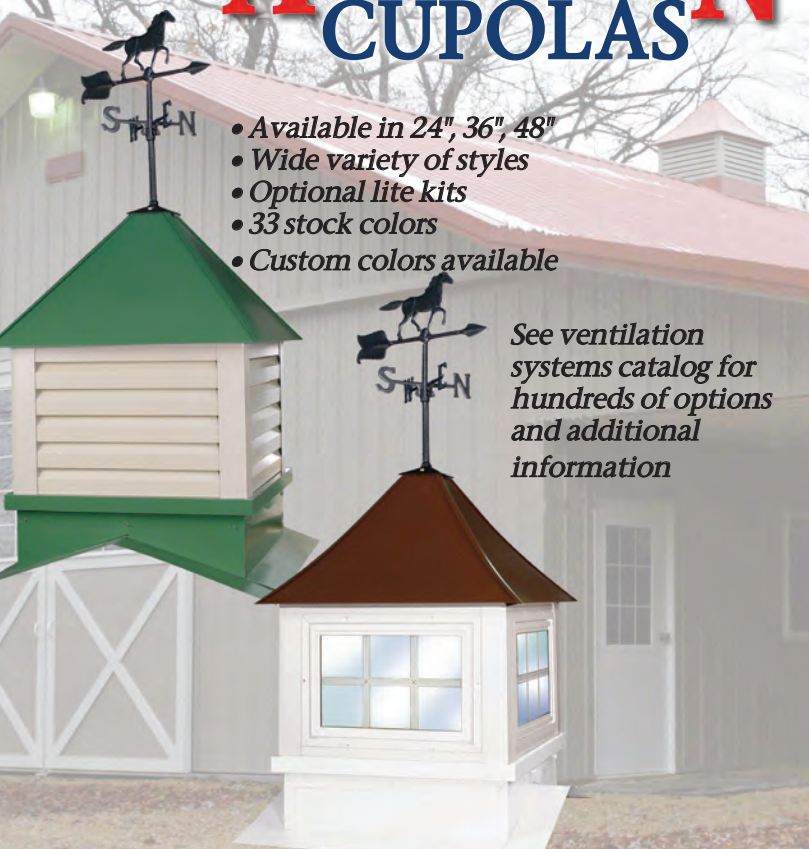


All American Steel is one of the few manufacturers in the nation that protects all of it's trim with film. The quality that we insist on can only be achieved with a film protective coating....scratch free products to your project; every project, every time.





# ★ ★ ★ ALL ★ ★ ★ AMERICAN CUPOLAS



- Available in 24", 36", 48"
- Wide variety of styles
- Optional lite kits
- 33 stock colors
- Custom colors available

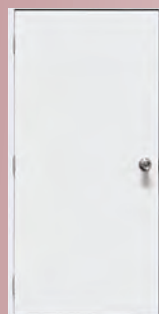
See ventilation  
systems catalog for  
hundreds of options  
and additional  
information

## STEEL ENTRY DOORS



### Series 1751

- Prehung & pre-painted white
- Available as Flush, RH or LH w/ 1/2 lite
- 24 gauge steel 1-3/4" thick 3068 door
- Universal swing feature, fully reversible
- Heavy duty 3-1/2" 16 gauge steel frame
- Polyurethane foam core which reduces sound and possesses superior insulation qualities, R-13
- Full perimeter weather stripping
- Variety of locks, hardware and windows available (optional, special order)
- Low maintenance economy
- Heavy duty
- Stainless steel hinges are standard
- Special order doors available. See an All American Team Member for customized options



## COMMERCIAL WINDOWS

### Series 1200



- Horizontal sliders with 7/8" insulated glazing in-stock - 3630 or 4030.
- Other configurations available: Picture, Single Hung, 3-Lite Slider, Architectural Shapes (Special Order)
- Glass options: Tinted, Frosted, Low-E, or Internal Grids
- 3/16" integral J-Channel, room for 3/4" metal profiles, other J-Channel & nailing fin options are available
- Pre-assembled horizontal thermal break windows save you time and money
- Aluminum frame and grids make this window stronger and more durable than vinyl windows
- Available in white, using a hard baked-on finish, providing for years of performance
- Maximum security & weatherseal with cam lock & keeper
- 1-year stress crack warranty



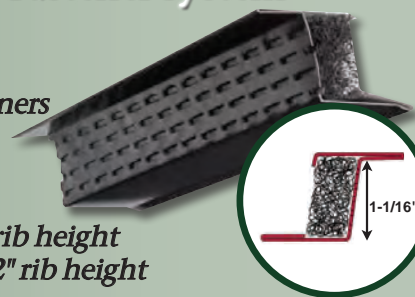
\*See catalog for complete lists of sizes and specifications

## VENTED RIDGE

### Concealed Fastener System

#### Snap Z

- Pre-applied butyl tape
- .032 Aluminum
- Pre-cut with hidden fasteners
- 40 year warranty
- Satisfaction guaranteed
- Available in 1" or 1 1/2"
- 11.5 net free inches per 1" rib height
- 15 net free inches per 1 1/2" rib height



### Concealed Fastener System

#### LP2 Standing Seam Vented Closure

Our premier custom-cut vent strip includes Python polyester vent material inserts for a snug fit and optimum ventilation at a cost lower than traditional fans and louvers.

- Custom-cut profiles for snug fit
- Superior net-free ventilation reduces condensation
- Easy, one-person installation
- Moisture and pest barrier
- Proprietary adhesive provides superior hold
- 40-year limited warranty
- Net Free Area: 17 square inches per linear foot of ventilation material
- Helps reduce utility costs



\*See full specs.  
Revised 8/11/2022

AllAmericanSteel.net

608-377-7200