



TRIAD CORRUGATED METAL ROOFING GUIDE



TRIAD

CORRUGATED METAL

As an industry leader in the fabrication of quality metal roofing products and building systems, Triad Corrugated Metal, Inc. has built a reputation on excellent service, quality products, and dependability. TCM is the company you can count on to meet your metal roofing or building system needs for Residential, Commercial, or Agricultural projects.

BRANCH OFFICES

ASHEBORO

208 Luck Rd.
Asheboro, NC 27205
336.625.9727

ASHEVILLE

3883 Sweeten Creek Rd.
Arden, NC 28704
828.686.3860

LINCOLNTON

108 Industrial Park Rd.
Lincolnton, NC 28092
980.429.2278

LUMBERTON

600 Crandlemire Rd.
Lumberton, NC 28358
910.608.2374

SANFORD

109 McNeill Rd.
Sanford, NC 27330
919.775.1667

WILSON

614 Park Ave W.
Wilson, NC 27893
252.234.0055

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www.TriadCorrugatedMetal.com

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WHY CHOOSE US?

As an industry leader in the fabrication of quality metal roofing products, Triad Corrugated Metal, Inc. has built a reputation on excellent service, quality products and dependability. TCM is the company you can count on to meet your metal roofing needs, for Residential, Commercial or Agricultural projects.

Metal roofing systems from TCM are both energy conscious and environmentally conscious. Many of our roofing systems are Energy Star® Certified and meet the requirements of the Cool Roof Rating Council. An Energy Star® Certified roof from TCM could qualify you for substantial tax credits, visit www.energystar.gov for the latest information. In addition to the energy conscious attributes, TCM metals roofs are 100% recyclable, reducing the amount of waste products created. A percentage of TCM's raw materials also come from recycled steel.

TCM metal roofing systems are durable and can withstand many of nature's toughest elements. TCM metal roofing systems meet some of the country's toughest building codes. Not only do our metal roofing systems meet tough building codes but depending on where you live, metal roofing can lower the cost of your homeowner's insurance. Metal roofs carry a Class A fire rating (most resistant) as established by Underwriters Laboratories, Inc. Contact your insurance agent about possible discounts.

In addition to the benefits listed above, metal roofing is a cost effective roofing choice in comparison to other roofing systems. If you compare metal roofing to asphalt shingles in cost alone, you will see that metal roofing is a better roof for the money. In addition to the cost, asphalt shingles have an average life cycle of 17 years; negative issues associated with disposal and heat absorption; and are a petroleum based product, meaning prices change due to the prices of crude oil. As detailed above, TCM offers solutions to each of these problems in a series of comprehensive metal roofing products.

Features such as the life span, energy savings and durability against wind, fire, hail and ice, not to mention the environmental advantages make metal roofing an easy choice for your roofing needs. TCM's ability to provide metal roofing to match any needs and commitment to superior customer service make TCM your choice for the metal roofing needs of any project. Add beauty, durability and sustainability to any roofing application with a metal roofing system from Triad Corrugated Metal.



QUALITY MATERIALS



KNOWLEDGEABLE STAFF



SUPERIOR CUSTOMER SERVICE

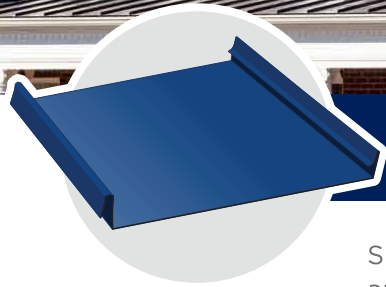


OVER 20 YEARS IN THE INDUSTRY



CONCEALED FASTENER

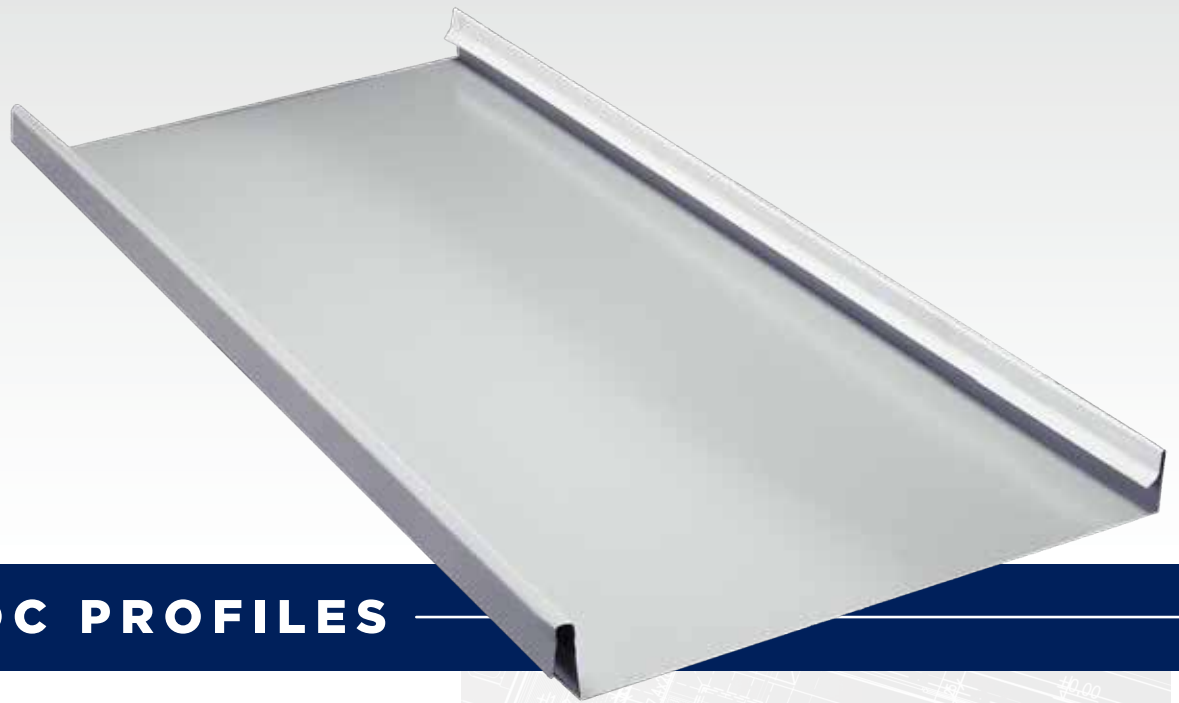
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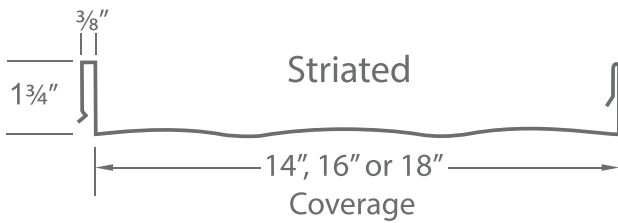
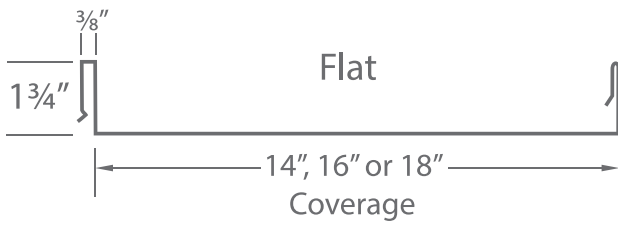
SNAP LOC

Snap Loc metal panels are a perfect fit for residential and many architectural and commercial applications. The panels combine a clean, attractive look with strength and durability. Snap Loc is self-locking and watertight making it an appealing, smart choice for new or re-roofing projects.





SNAP LOC PROFILES



Fastener: Concealed Fastener

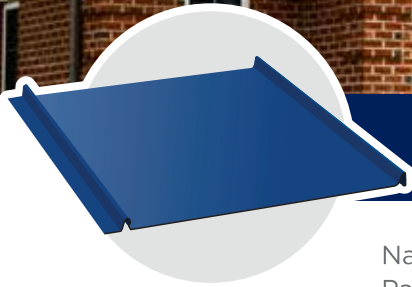
Finishes: Premium Kynar, Classic Sil-Poly

Metals: Galvanized, Galvalume®,
Copper, Aluminum

Gauges: 26 GA, 24 GA

Features:

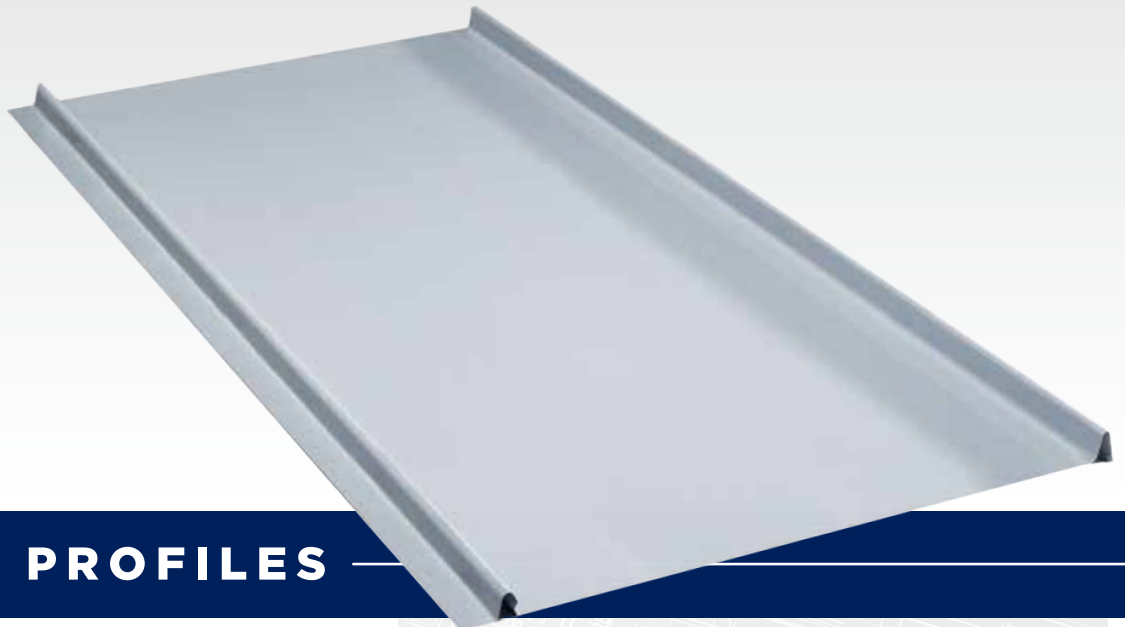
- Architectural/structural integral standing seam panel
- Applies over open framing or solid substrate
- Snap together panel system
- Minimum roof slope: 1:12
- Cut to the inch



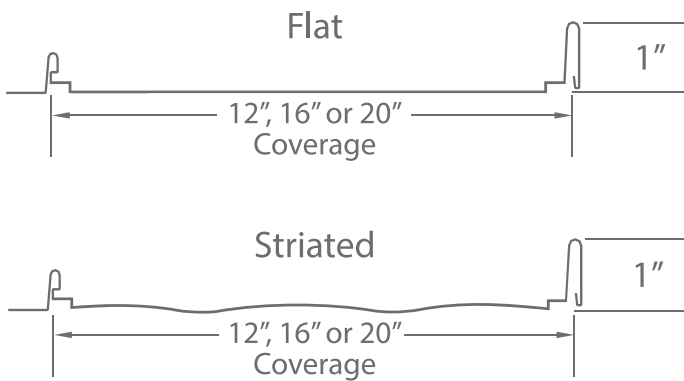
NAILSTRIP

Nailstrip Panels are ideal for residential and architectural settings. The Nailstrip Panel is flexible and works well in a wide variety of building applications. The clip-less design saves you labor and money. Nailstrip is durable and can withstand extreme weather conditions.





NAILSTRIP PROFILES



Fastener: Concealed Fastener

Finishes: Premium Kynar, Classic Sil-Poly

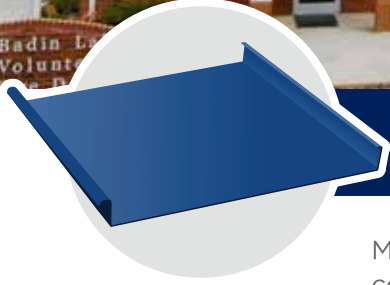
Metals: Galvanized, Galvalume®,

Copper, Aluminum

Gauges: 26 GA, 24 GA

Features:

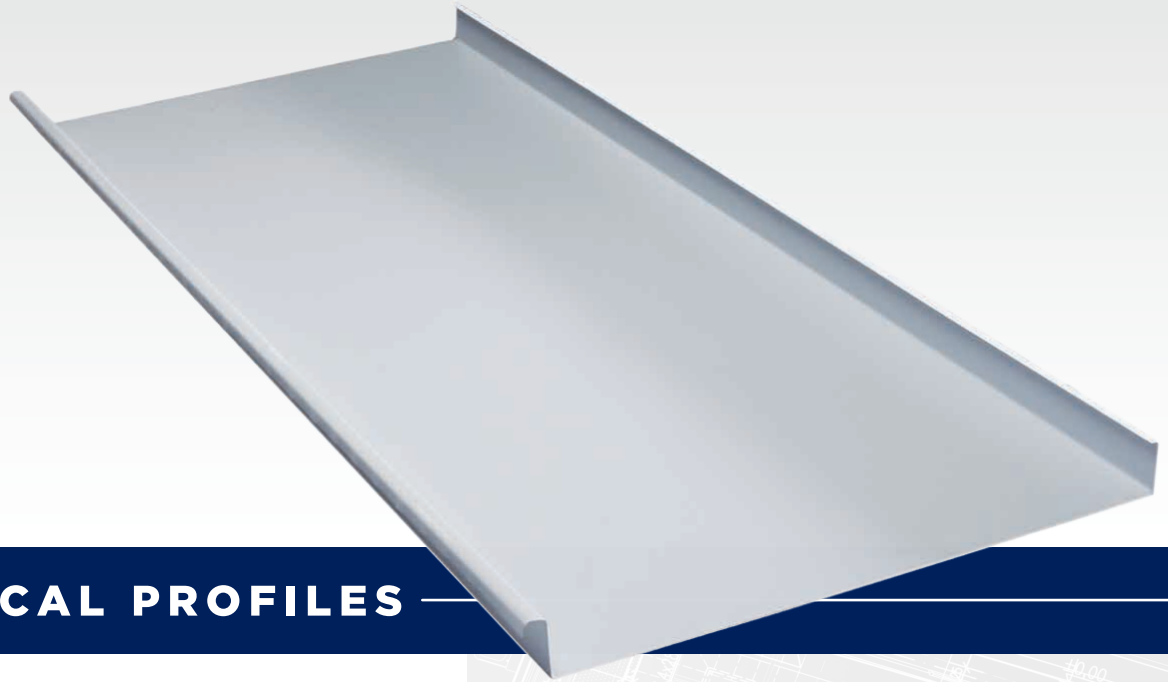
- Architectural standing seam panel
- Applies over solid substrate
- Snap together panel system
- Minimum roof slope: 3:12
- Cut to the inch



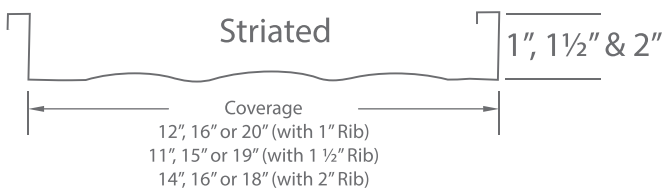
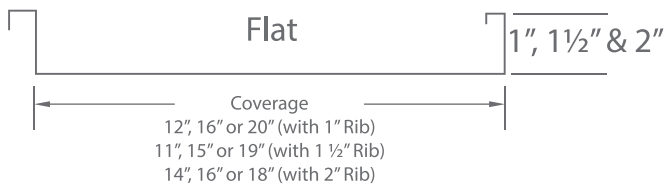
MECHANICAL

Mechanical Panels are a high performance metal roofing choice, well suited for commercial, architectural and residential applications. The seaming process for Mechanical Panels allows for multiple levels of wind resistance and makes the panels perfect for installation on low slope roofs.





MECHANICAL PROFILES



Fastener: Concealed Fastener

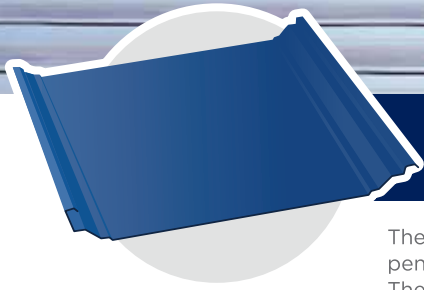
Finishes: Premium Kynar

Metals: Galvanized, Galvalume®, Aluminum

Gauges: 26 GA, 24 GA

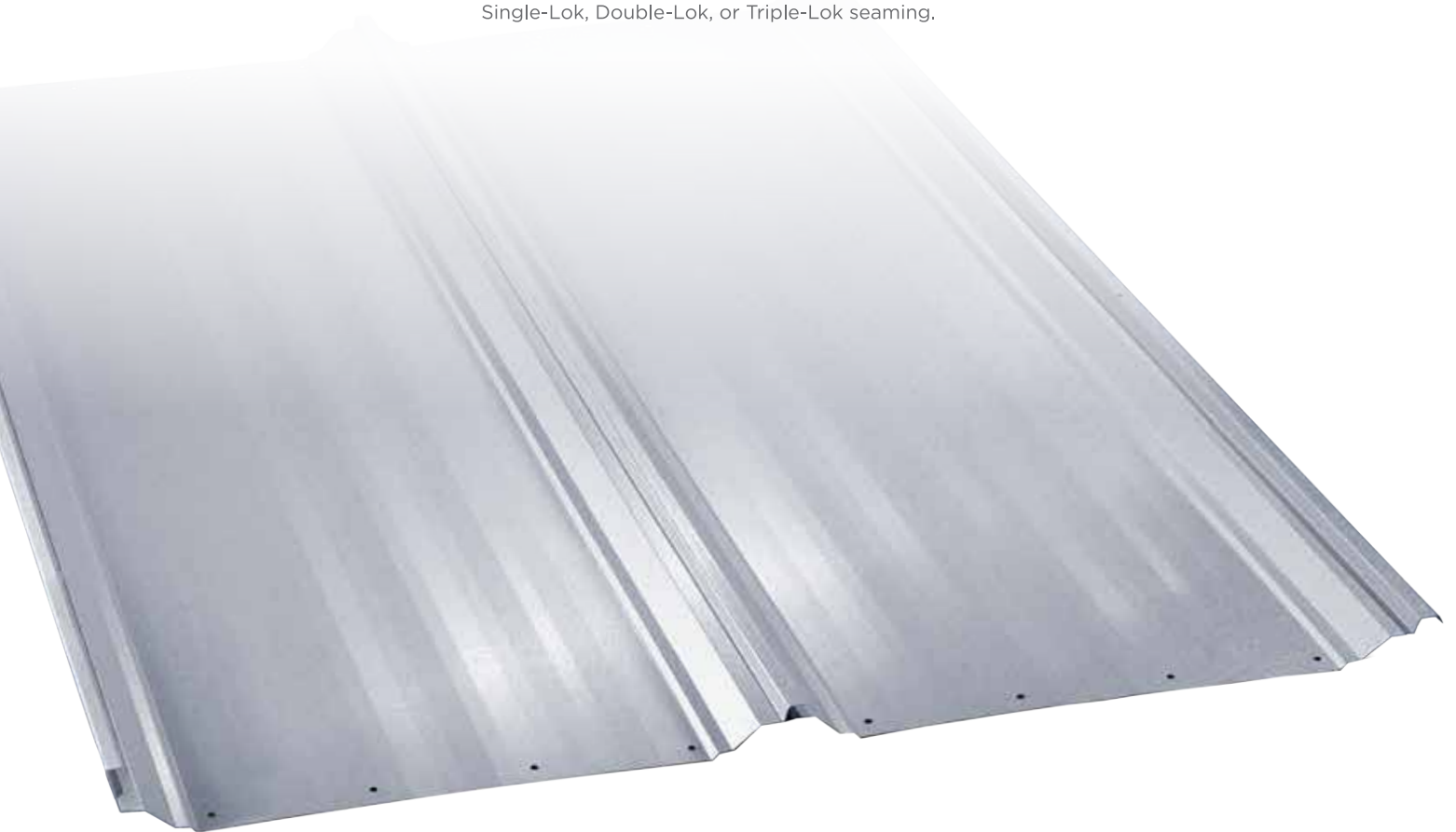
Features:

- Architectural/structural integral standing seam panel
- Applies over open framing or solid substrate
- Mechanically seamed panel system
- Minimum roof slope: 1:12
- Cut to the inch



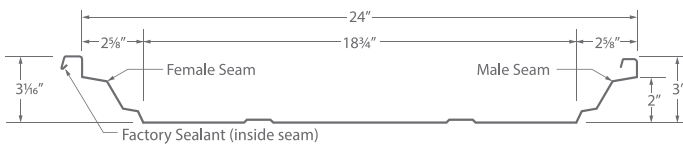
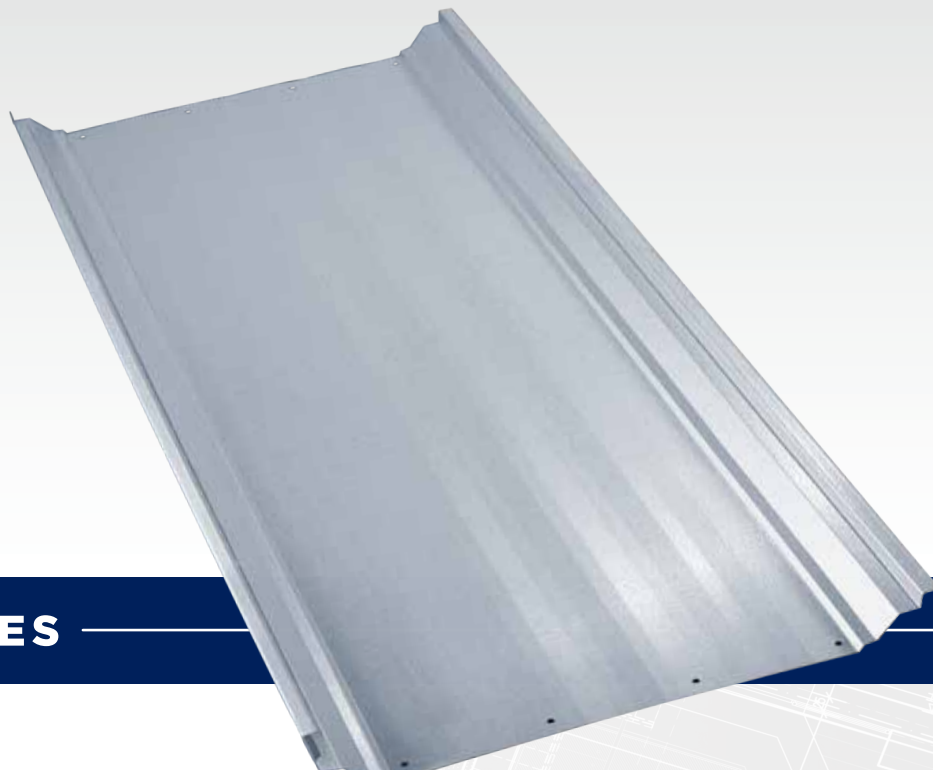
TS-324

The TS-324 Roof System is a heavy-duty structural roof system designed for use where water penetration resistance, expansion/contraction control, and load capacity are of prime importance. The TS-324 also has superior wind and water resistance, flexibility of application, and long lifespan for commercial and industrial roof installations. Three levels of uplift resistance are available with Single-Lok, Double-Lok, or Triple-Lok seaming.



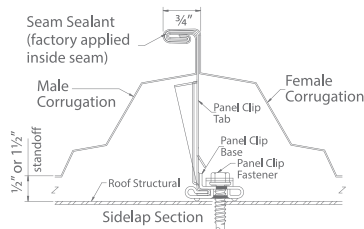
*2 panels shown for illustration purposes

TS-324 PROFILES



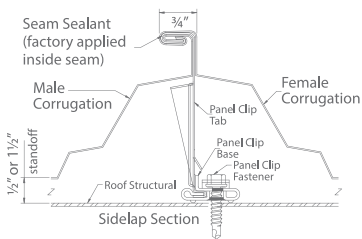
DoubleLok

Crimp seamed at clips only



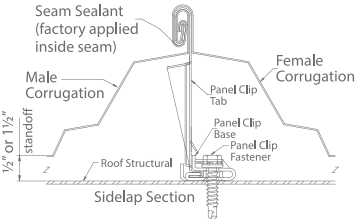
TripleLok

Fully seamed from end to end



QuadLok

Adds final 90° bend



Fastener: Concealed Fastener

Finishes: Premium Kynar

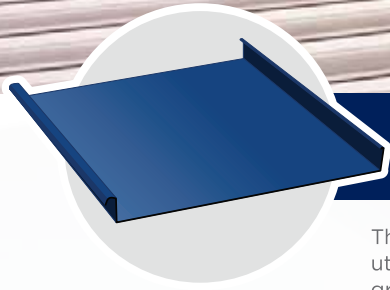
Metals: Galvanized, Galvalume®, Aluminum

Gauges: 24 GA, 22 GA (Limited colors for 22 GA)

Features:

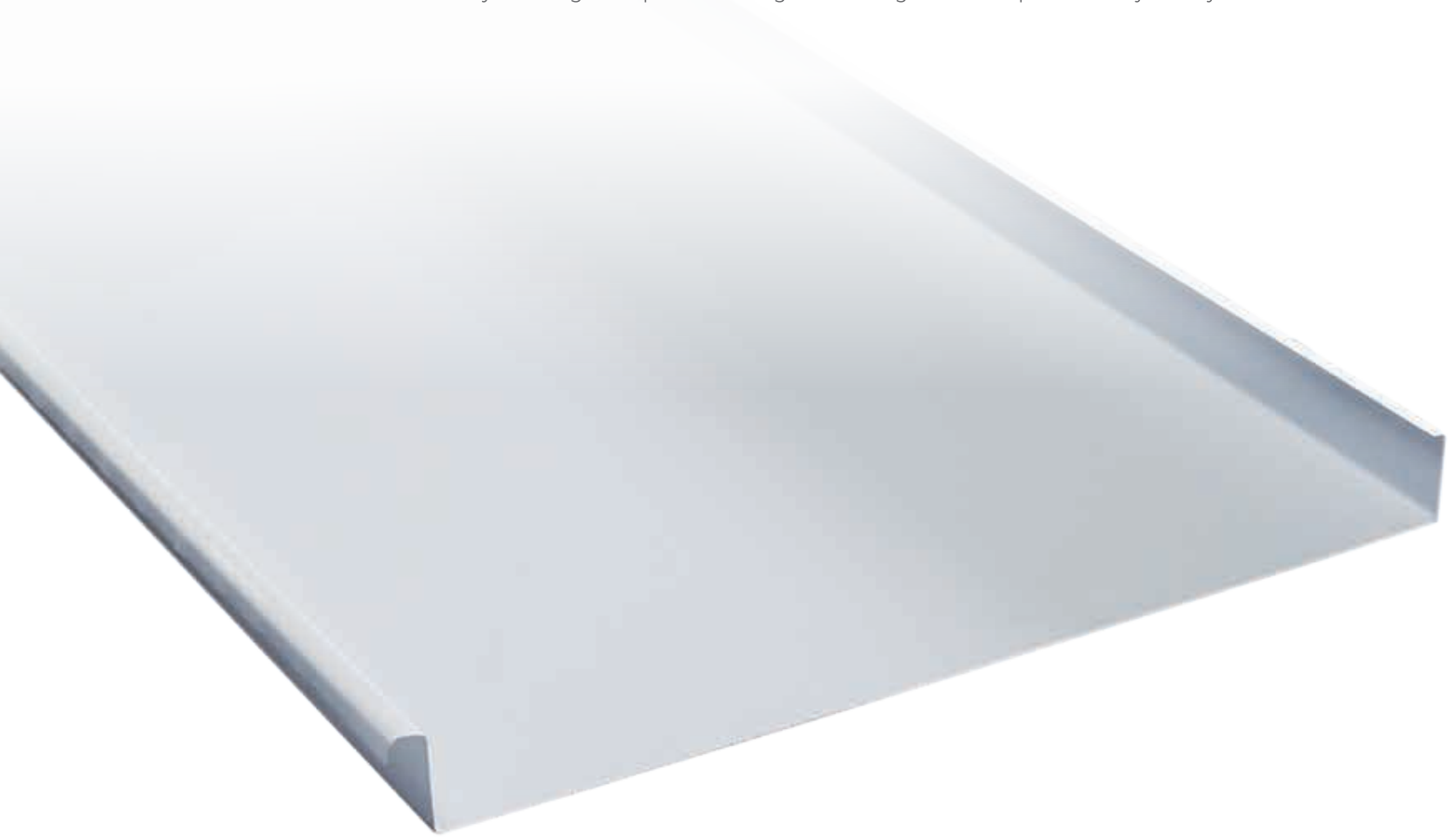
- Applies over open framing or solid substrate
- Minimum roof slope: 1/4:12
- Cut to the inch
- Self ventilating

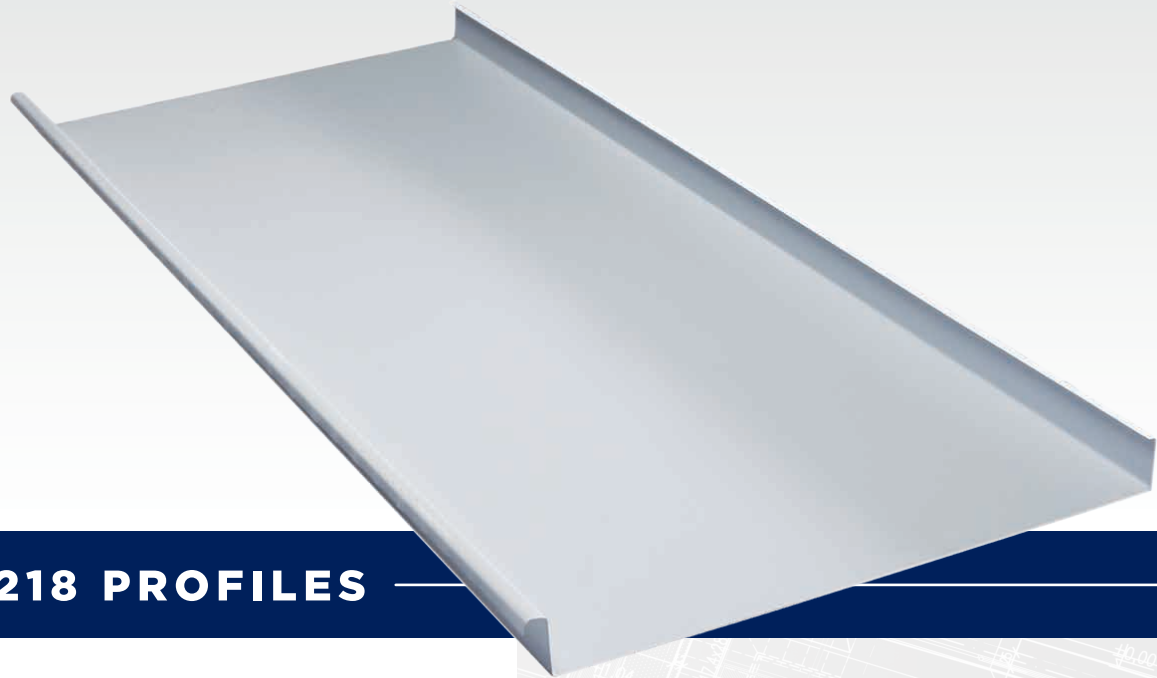
The TS-324 Trapezoidal SSR System with the Double-Lok seam is installed with the recommended anchor clip, then the panels are snapped together and hand seamed at each clip location, providing added separation and uplift resistance. The Triple-Lok seam is made by running a power seamer over the Double-Lok, forming a tight seam the full length of the panel. The Triple-Lok seam becomes more tightly engaged as the panel is subjected to wind uplift loads. Where maximum wind load resistance is called for, the Quad-Lok seam is formed by using the power seamer to provide an additional fold to the Triple-Lok for the full panel length.



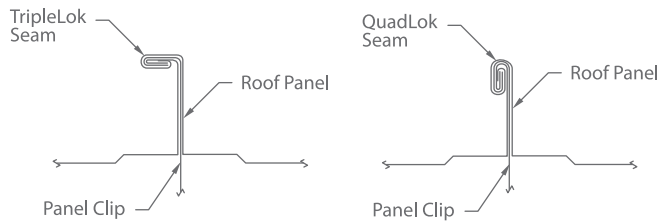
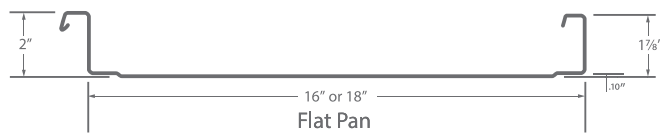
MS-216 | MS-218

The MS-216/MS-218 are offered in a traditional 2" height with 16" or 18" pan. The MS-216/218 panels utilize Superior Seam Technology™ to meet or exceed wind uplift loads allowing longer spans and greater design flexibility. With our complete system of standard clips, wind clips, rake plates, and accessories you can custom build a system to your specifications. The MS 216/218 will surpass both your design and performance goals offering the most options of any SSR system.





MS-216/218 PROFILES



Fastener: Concealed Fastener

Finishes: Premium Kynar

Metals: Galvanized, Galvalume®

Gauges: 24 GA

Features:

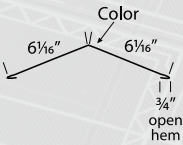
- Architectural/structural integral standing seam panel
- Applies over open framing or solid substrate
- Mechanically seamed panel system
- Specially designed clip for thermal movement
- Minimum roof slope: 1/2:12
- Cut to the inch

CONCEALED FASTENER TRIM & CLIPS

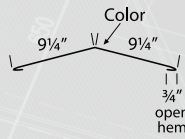
TRIM



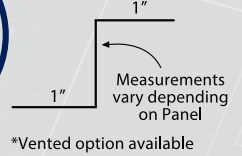
Ridge Cap



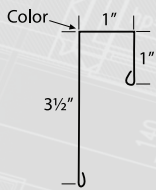
Extended Ridge Cap



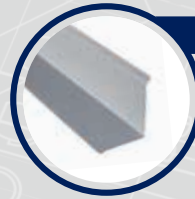
Z-Bar



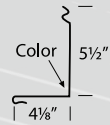
Rake



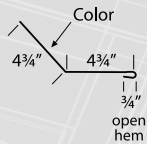
Rake B



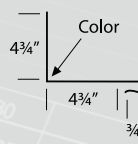
Chimney Flash



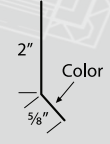
End Wall



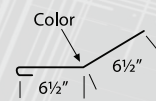
Side Wall



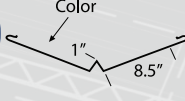
Drip Clete



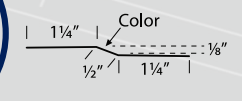
Transition



Valley



Valley Clete

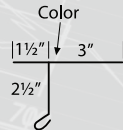


Custom Trim Available

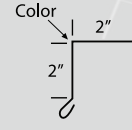
Custom trim is encouraged at Triad Corrugated Metal. Available in bare and painted steel, copper or aluminum and lengths from 10' to 20'. Visit our web store to utilize our **Custom Trim Designer** to submit your desired measurements and we'll create it for you.



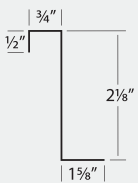
Low Slope Drip Edge



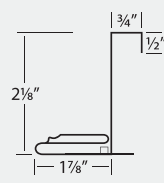
High Slope Drip Edge



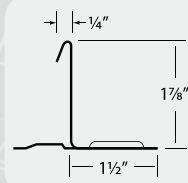
CLIPS



2" Fixed



2" Slider



1 3/4" Fixed

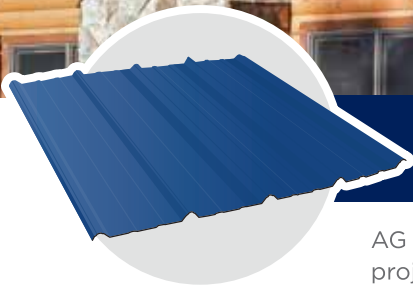


*Many more clip options available



EXPOSED FASTENER

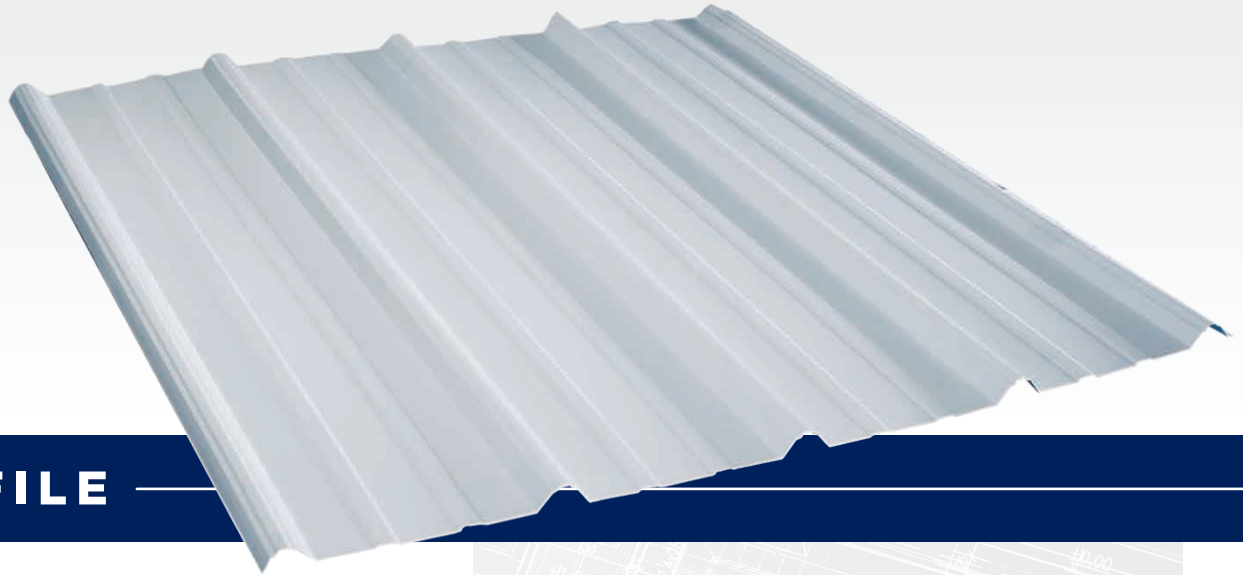
AG PANEL	17
5V PANEL	19
CORRUGATED PANEL	20
PBR PANEL	21
R PANEL	23
A PANEL	25
AG & 5V TRIM	27
R TRIM	28



AG PANEL

AG Panel is a durable, weather-resistant roofing solution for agricultural and residential projects. The panels not only provide excellent protection against the elements and increase the life cycle of your roof but they lower the need for maintenance on your roof. AG Panels are a cost effective, high performance metal roofing system.





AG PROFILE



Fastener: Exposed Fastener

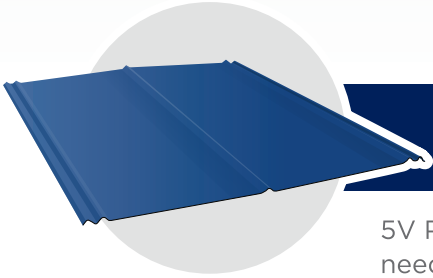
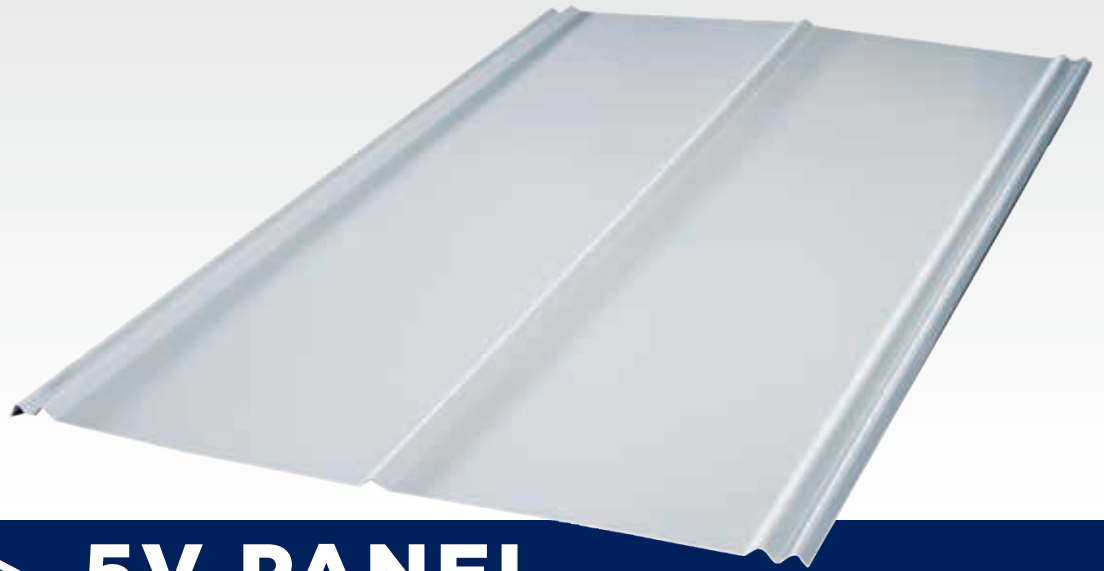
Finishes: Premium Kynar, Classic Sil-Poly

Metals: Galvanized, Galvalume®, Aluminum

Gauges: 29 GA, 26 GA, 24 GA

Features:

- Applies over open framing or solid substrate
- Thru Fastened Panel System
- Minimum roof slope: 3:12
- Cut to the inch



5V PANEL

5V Panels are a simple, beautiful and strong choice for your residential roofing needs. The classic design encourages use in a variety of projects and the strength and durability ensure a long-lasting, low maintenance roof.



Flat



Intermediate Ribs



Striated

Fastener: Exposed Fastener

Finishes: Premium Kynar, Classic Sil-Poly

Metals: Galvanized, Galvalume®, Copper

Gauges: 29 GA, 26 GA, 24 GA

Features:

- Applies over open framing or solid substrate
- Thru Fastened Panel System
- Minimum Roof Slope: 3:12
- Cut to the inch



CORRUGATED PANEL

Our 2½" corrugated exposed fastener panel is perfect for both wall and roofing applications. This panel is popular for design accents and other creative projects for both residential and commercial applications. Panels can be cut to length to the inch.



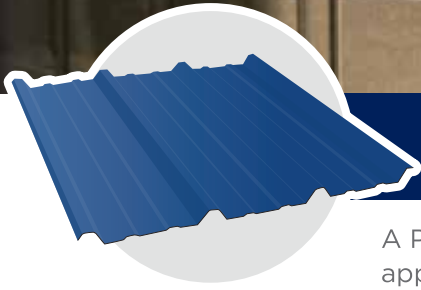
Fastener: Exposed Fastener

Finishes: Premium Kynar, Classic Sil-Poly

Gauges: 29 GA, 26 GA, 24 GA

Features:

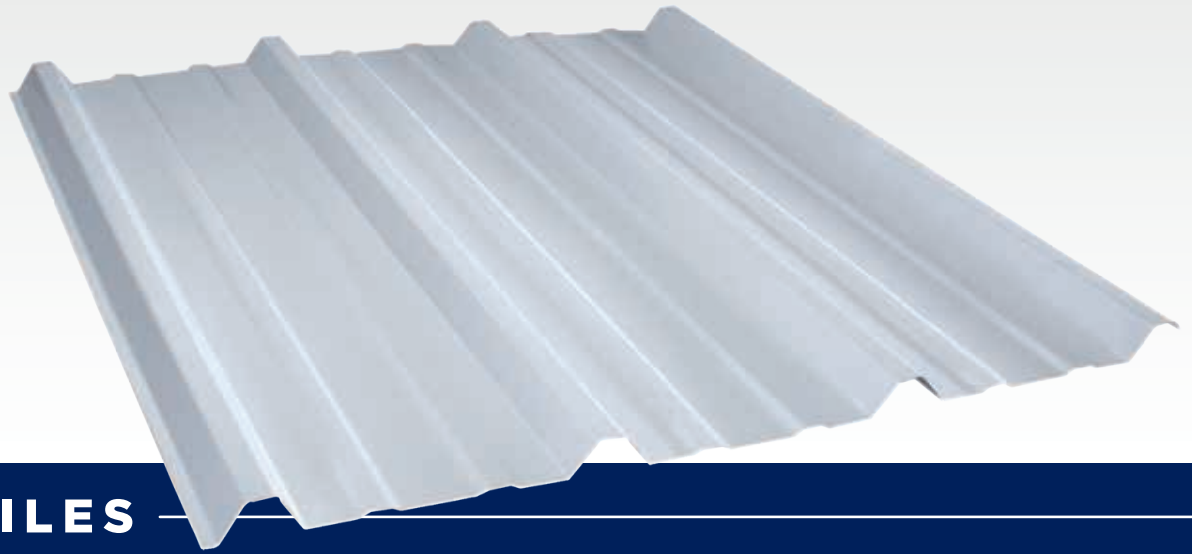
- Rib height of ½"
- Nominal width of 26" with a 24" coverage for 1-lap and 21½" coverage for 2-lap
- Single rib overlap is used for wall installation
- Two rib overlap is recommended for roofing
- 3' minimum length
- Minimum Roof Slope: 3:12



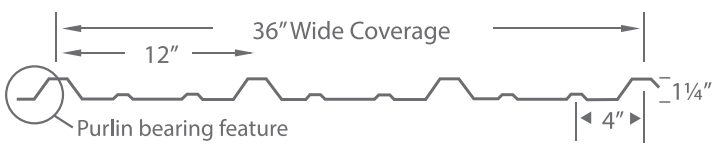
PBR PANEL

A PBR Panel is an 'R' style panel ideal for commercial roofing and siding applications. It can be installed directly over purlins and joists because of its Purlin Bearing Rib feature. This also creates an optimal seal for weather tightness, protecting your home from harsh weather conditions.





PBR PROFILES



Fastener: Exposed Fastener

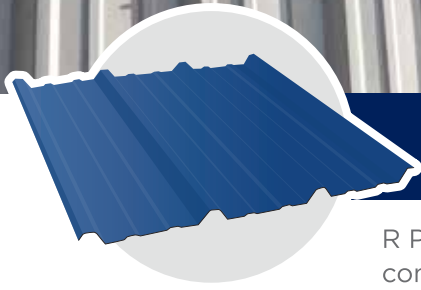
Finishes: Premium Kynar (Limited colors for 26 GA), Classic Sil-Poly

Metals: Galvanized, Galvalume®

Gauges: 26 GA, 24 GA

Features:

- Applies over open framing or solid substrate
- Thru Fastened Panel System
- Minimum roof slope: 1/2:12
- Cut to the inch

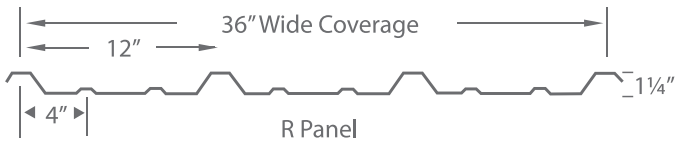
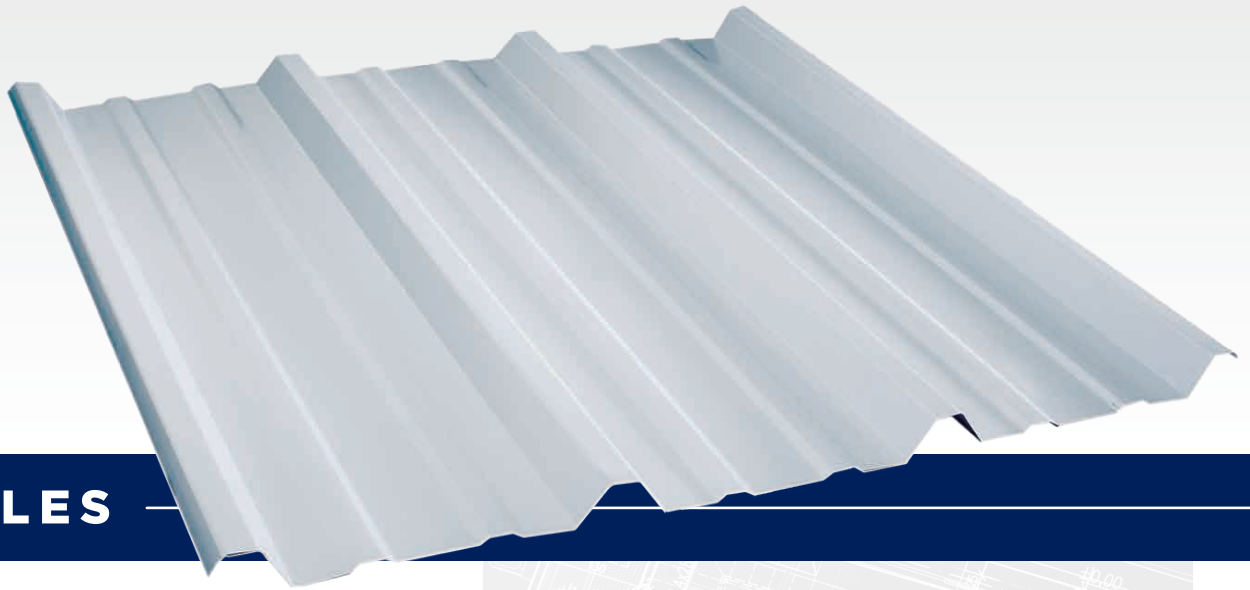


R PANEL

R Panel is a perfect fit for siding applications. The panels, commonly used in commercial applications, are lightweight and strong, allowing for easy installation and increasing the lifetime of your roof. An R Panel system from TCM gives you the flexibility to achieve the look you want with the advantages of a metal system.



R PROFILES



Fastener: Exposed Fastener

Finishes: Premium Kynar, Classic Sil-Poly

Metals: Galvanized, Galvalume®

Gauges: 26 GA, 24 GA

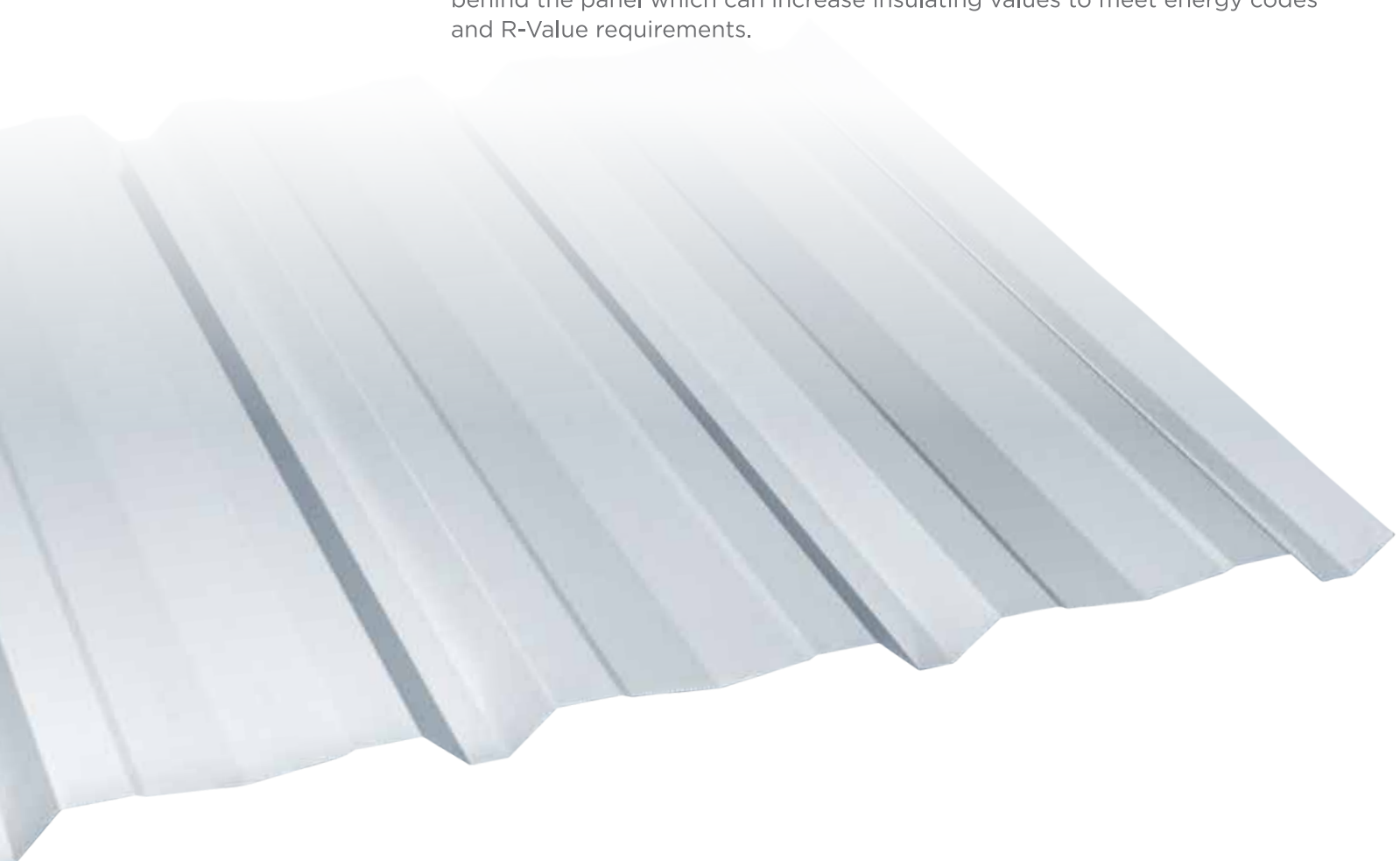
Features:

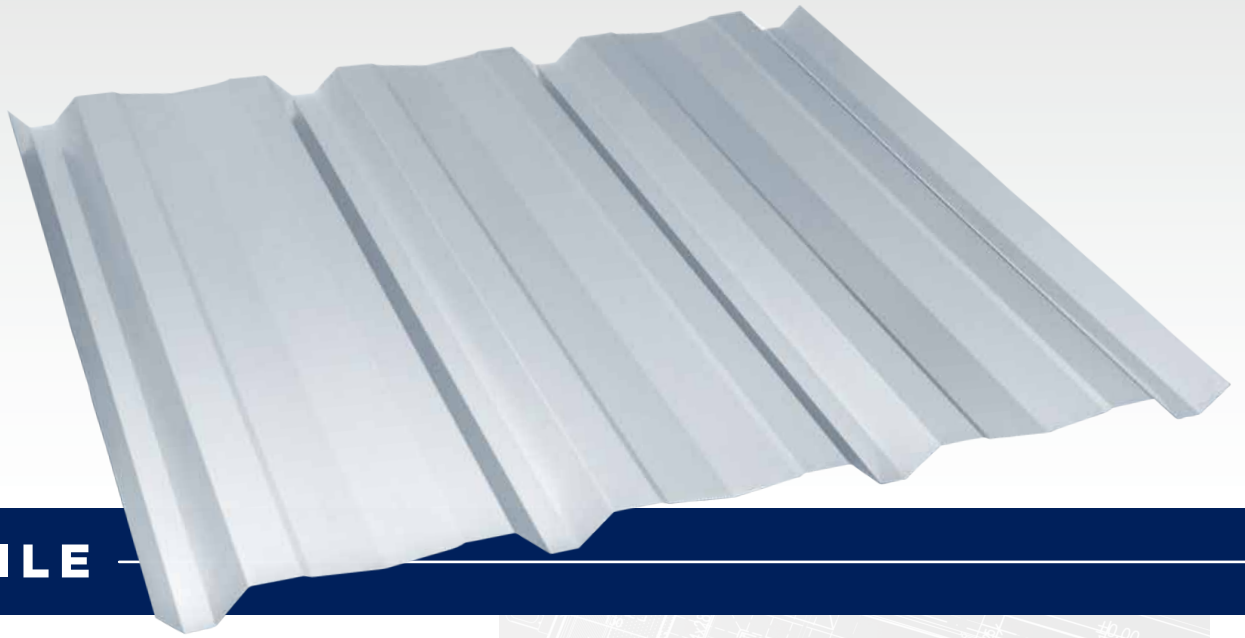
- Applies over open framing or solid substrate
- Thru Fastened Panel System
- Cut to the inch



A PANEL

A Panels are a great option for wall applications and provide a visually pleasing aesthetic to a building. This design allows for optimal insulation to be added behind the panel which can increase insulating values to meet energy codes and R-Value requirements.





A PROFILE



Fastener: Exposed Fastener

Finishes: Premium Kynar, Classic SiI-Poly

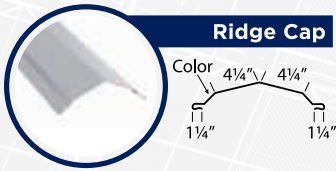
Metals: Galvanized, Galvalume®

Gauges: 26 GA, 24 GA

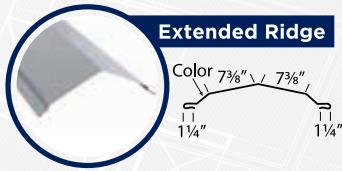
Features:

- Thru Fastened Panel System
- Cut to the inch

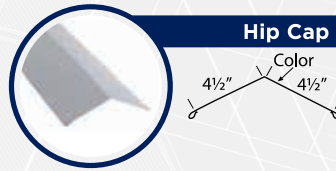
AG & 5V TRIM



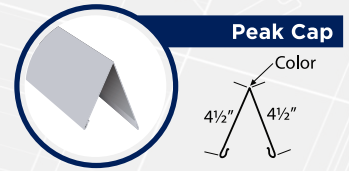
Ridge Cap



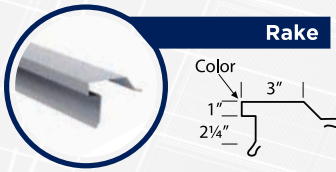
Extended Ridge



Hip Cap



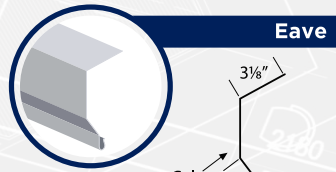
Peak Cap



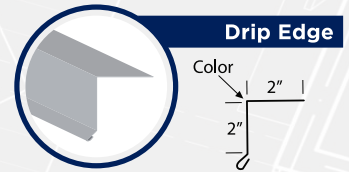
Rake



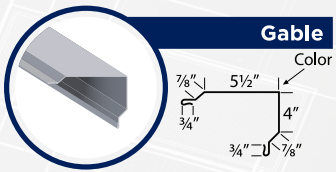
Valley



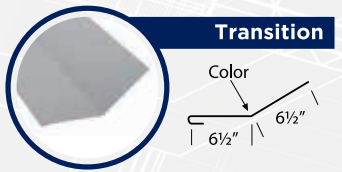
Eave



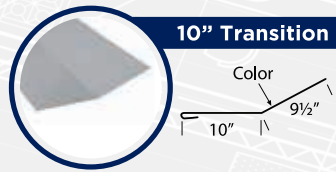
Drip Edge



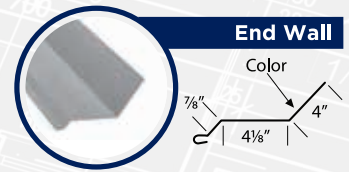
Gable



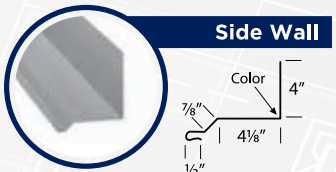
Transition



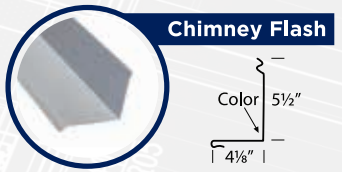
10" Transition



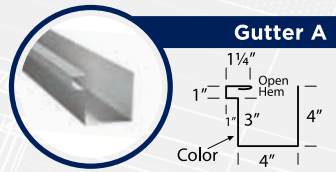
End Wall



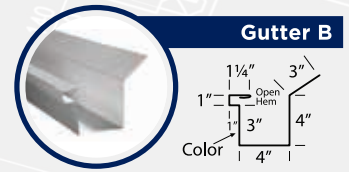
Side Wall



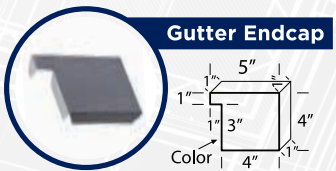
Chimney Flash



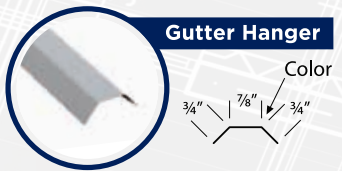
Gutter A



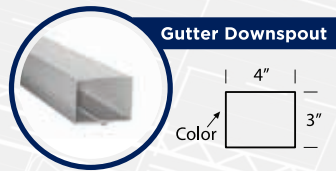
Gutter B



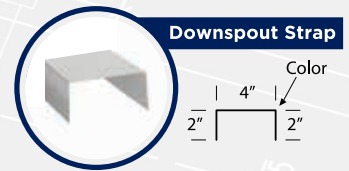
Gutter Endcap



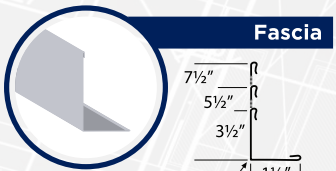
Gutter Hanger



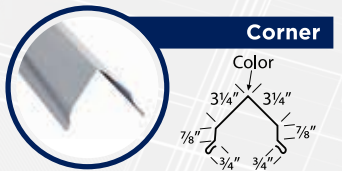
Gutter Downspout



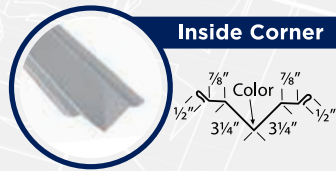
Downspout Strap



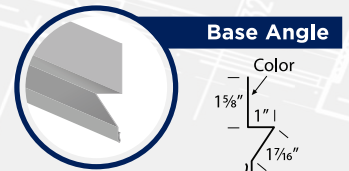
Fascia



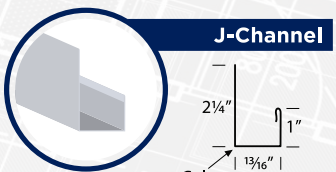
Corner



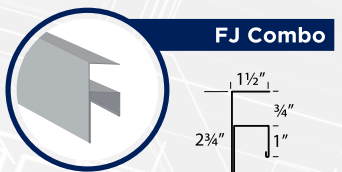
Inside Corner



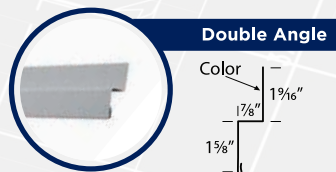
Base Angle



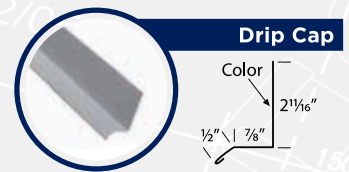
J-Channel



FJ Combo



Double Angle

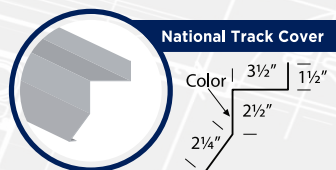


Drip Cap

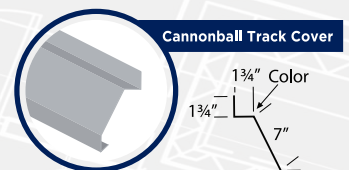


Custom Trim Available

Custom trim is encouraged at Triad Corrugated Metal. Available in bare and painted steel, copper or aluminum and lengths from 10' to 20'. Visit our web store to utilize our **Custom Trim Designer** to submit your desired measurements and we'll create it for you.



National Track Cover

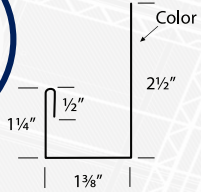


Cannonball Track Cover

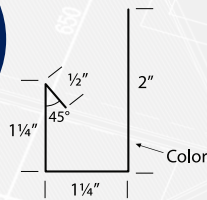
R PANEL TRIM



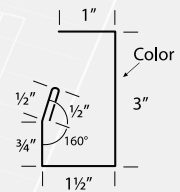
J-Channel



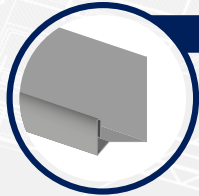
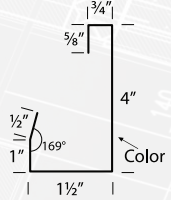
Jamb (A)



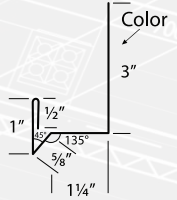
Jamb (B)



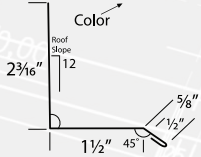
Jamb (C)



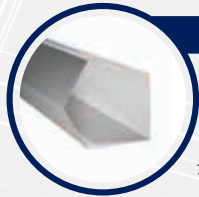
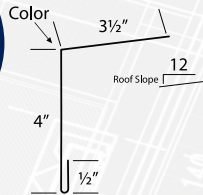
Head (A)



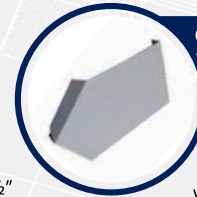
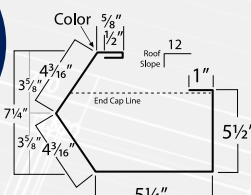
Drip Cap



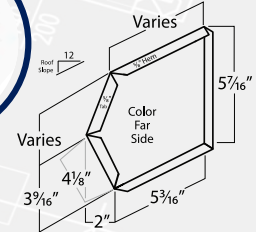
Flat Eave



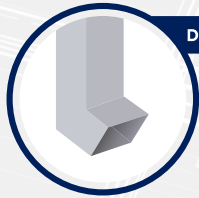
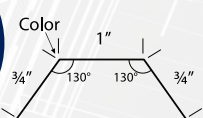
Eave Gutter



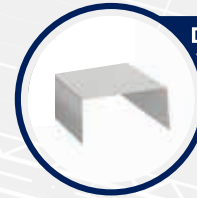
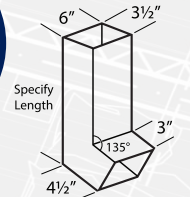
Gutter End Cap



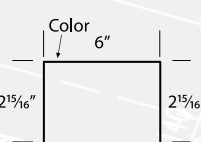
Gutter Strap



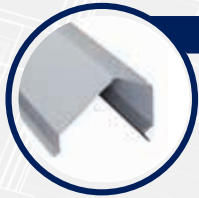
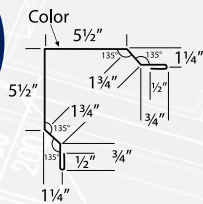
Downspout w/ Kickout



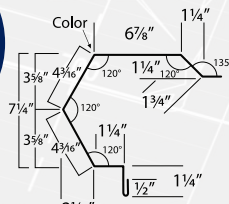
Downspout Strap



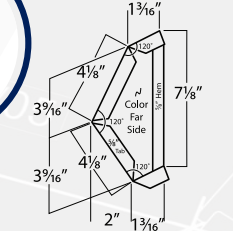
Outside Corner



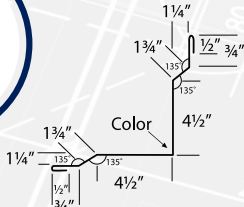
Rake



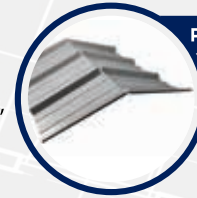
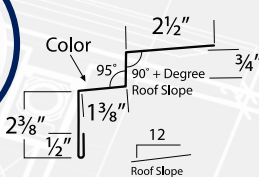
Rake End Cap



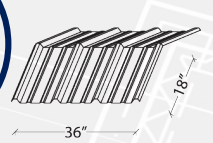
Inside Corner



Offset Panel Cap



Pre-Formed Ridgcap



*Angles may vary



Pre-engineered metal buildings are a great option for many types of applications. They are more economical and faster to construct than traditional building methods and are more durable and require less maintenance. Pre-engineered metal buildings can also streamline vendor management and maximize construction schedules for the project.

PRE-ENGINEERED BUILDINGS



Our Do-It-Yourself building kits can be assembled on the weekend. All kits come ready to assemble with a frame package, panels, trim, braces and screws. We have many sizes available for your application!

METAL BUILDING KITS



BUILDING COMPONENTS

In addition to the variety of metal roofing supplies, we also offer the structural members you need to ensure a lifetime of quality and durability of your project.

red oxide

CEES



ZEEES



EAVE STRUTS



CLIPS

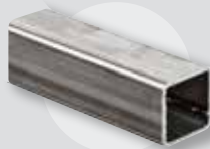


ANGLES



tube steel

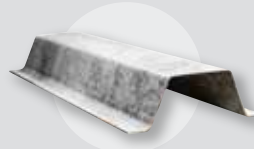
TUBING



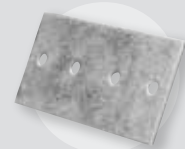
WIND BRACES



HAT CHANNEL



CLIPS



CLASSIC SIL-POLY COLORS



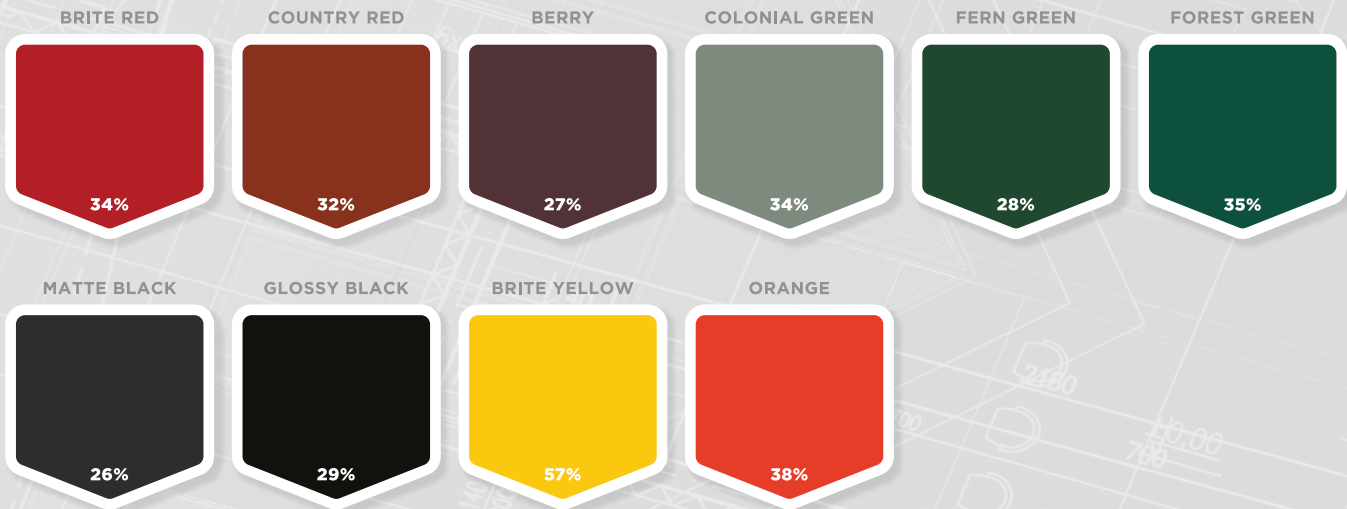
PREMIUM KYNAR COLORS



SPECIALTY COLORS

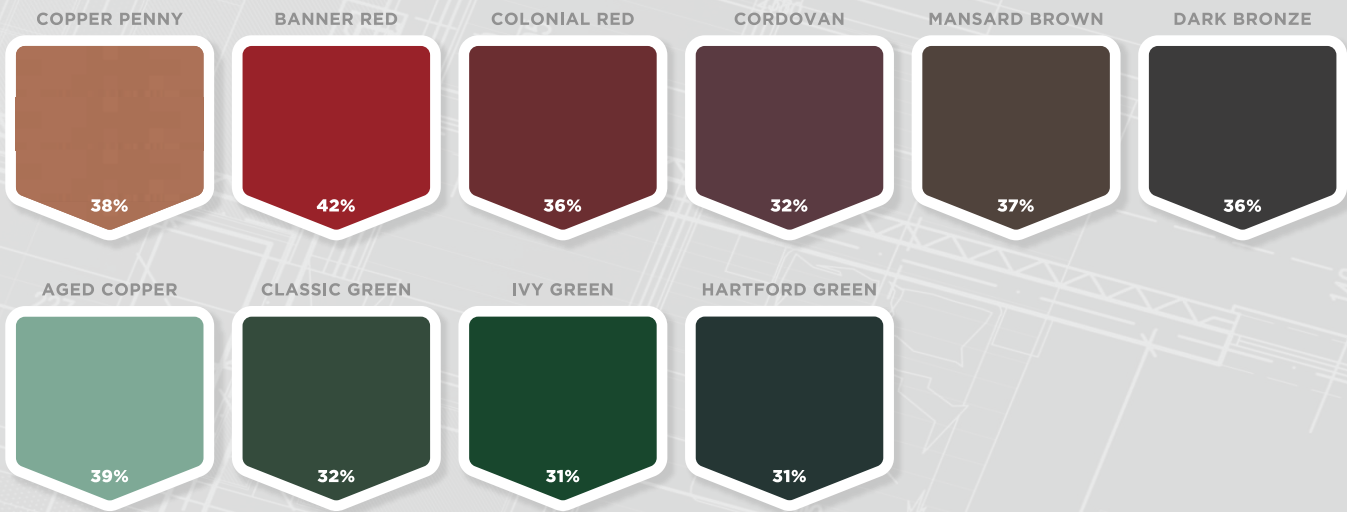


Available in 29 & 26 gauge



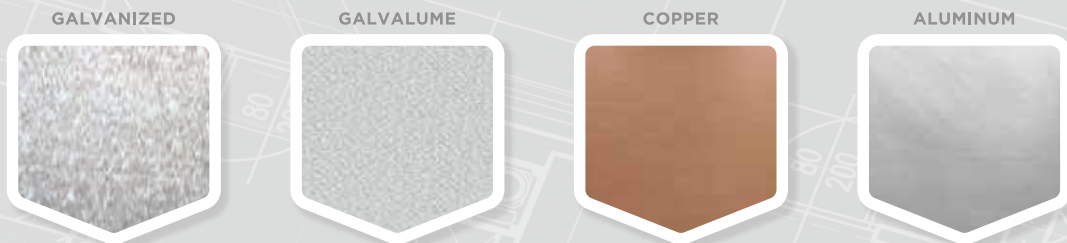
% = Solar Reflectivity

Available in 26 & 24 gauge



% = Solar Reflectivity

METALS



*The colors shown may vary slightly from actual paint colors. Please make final color selection with metal samples.



COMPONENTS & ACCESSORIES

Our products, including clips, coils, flat sheets, windows, sealants, insulation and more, are manufactured using the highest-quality materials to ensure the integrity and longevity of your structure.

COMPONENTS



Cannonball



Cees & Zees



Doors



Hat Channel



Square Tubing



Wind Brace

ACCESSORIES



Button Caps



Caulk



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Closures



Flashers



Gutter Hanger



Ice Guards



Insulation



Nails



Pop Rivets



S-5 Clamps



Screws



Skylights



Tape



Tools



FLAT SHEETS

Flat sheets are available for custom jobsite trim applications. See color chart for colors and gauges.



COILS

Coils are cut to length per order and can be slit upon request.

