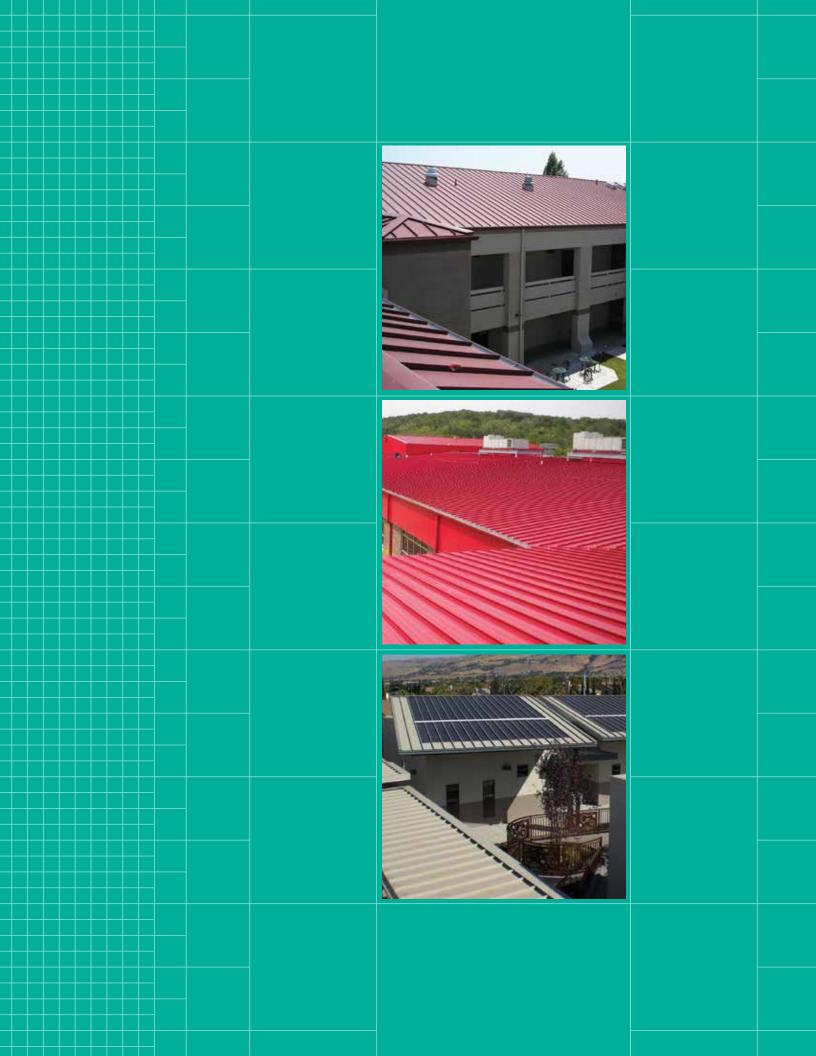
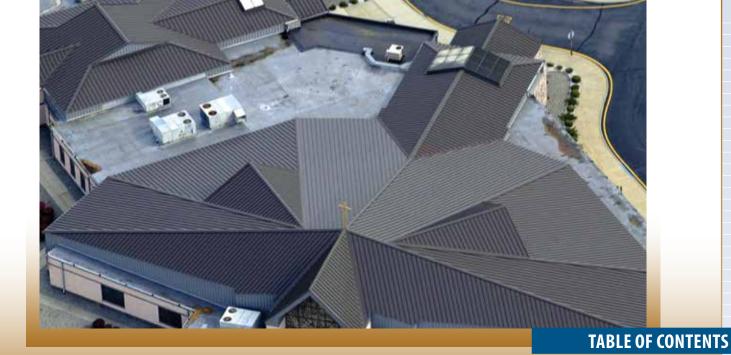
TremLock® Metal Roofing and Wall Solutions









PRODUCT APPLICATION

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TremLock® Metal Roofing and Wall Solutions

When you need a metal roof or metal walls that provide exceptional long term weatherproofing, are easy to maintain and look great, Tremco Roofing's TremLock series is the answer. With their flexible design and vibrant colors, TremLock metal roof and walls systems offer high performance for decades with minimal maintenance while enhancing the image and curb appeal of new or existing buildings. Our systems are also FM Global approved, ensuring better insurance rates for FM Global-insured businesses.

Long-Term Performance, Aesthetically Pleasing

While it's true that metal roofs and walls add color and dimension unlike other systems, their first role is to be watertight. TremLock metal roofs and walls are **pre-engineered** to provide the perfect fit for leak-free protection and long-term performance, eliminating water infiltration and ensuring a leak-free, watertight system.



Our metal roofing systems include:

TremLock T-238

An excellent option for re-roofing, retrofitting and new construction. With a minimum slope requirement of ½:12, this panel is ideal for almost any design. The most measurable benefit of the TremLock T-238 panel design is the ability to repair or replace individual panels. In addition to its superior performance benefits, the TremLock T-238 provides for a clean and simple installation. Since the clip is not seamed (only the "T" cap), there is no time spent on pre-tonging clips. With the panel's symmetrical shape, clips can be pre-installed to reduce labor time. This results in a lower total cost and insures a longer lasting roof.

TremLock VP

Standard design panel for new and retrofitted roof systems

The versatile, structural standing seam design and good looks make this system suitable for almost any roof configuration and complex geometric design. Excellent for architectural applications on roof slopes of ½:12 and greater, TremLock VP is capable of spanning secondary structural members spaced up to five feet apart and can be applied to light gauge steel framing, plywood and metal decks.

TremLock LSP

Strong construction for low-slope industrial roofs

Designed for low slopes (1/4:12 slope), this metal roof system is perfect for new construction over an open span or for retrofit construction over structural framing on an existing BUR or metal roof.

TremLock SL

Add the element of design to your steep-sloped new or retrofitted roof system

This system is used for roof slopes 3:12 and greater, fascias, mansards or equipment screens, and adds beauty to any roof or building. The TremLock SL panels quickly snap together for an easy installation and superior water-shedding capabilities.

Our 12 metal wall systems (technically, exposed fastener panels) for parapet walls and facades provide optimal strength, superior weatherproofing and excellent visual appeal for use in commercial, industrial and agricultural applications, as well as with pre-engineered metal buildings.

To complete your metal roof or wall system, Tremco Roofing and Building Maintenance also offers flush panels, soffit panels and a variety of sloped framing systems and substructural components. No matter what your metal roof or wall requirements are, you can solve them all with us.



TremLock T-238 Roof Panel | standing seam system

The TremLock T-238 is a symmetrical, two piece, mechanically seamed standing seam roof panel with a $2^3/8^{\prime\prime}$ seam height consisting of a metal panel and seam cap. The system is ideal for retrofit or new construction on a broad range of substrate applications including open-framing, with slopes as low as $\frac{1}{2}$:12. The seam is in a form of a "T" with two beads of continuous factory-applied sealant located on the seam cap. Once installed, this two piece design provides a continuous, uninterrupted seal at the top of the seam.

Details

- > T-238 is a symmetrical roof/wall panel system used on slopes down to ½:12
- > T-238 is a continuous length up to 300 ft. Tapered panels and convex curving available
- Can be installed over open-framing, plywood or metal deck/rigid insulation
- > Coating: Kynar 500

Testing Data *

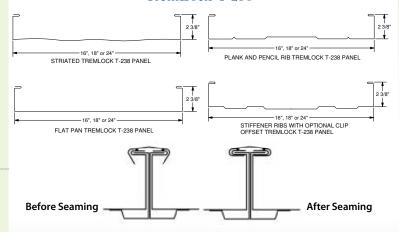
- > Class A Fire Rating only
- > T-238 FM4471, UL580, UL1897, ASTM E 1592 Uplift Test
- > ASTM E 2140 Still water head
- > ASTM E 1680 Air Infiltration
- > ASTM E 1646 Water Infiltration
- > T-238 UL Class 4, FM Class 1 SH Impact Resistance

Panel Options

- > T-238 Panel Height & Width: 2 $\frac{3}{8}$ " x 16", 18" or 24"
- > Panel Configuration T-238 Smooth, Plank, Striations, Stiffener Ribs
- Substrate: T-238 Alum-Zinc, Aluminum (Aluminum Available by Request)
- > Gauge 24 with optional 22 Gauge Steel and .040 Aluminum
- > T-238 Manufacturing: Factory, Job site roll-forming, curved onsite



TremLock T-238



- * All testing conducted with galvalume substrate.
- Oil canning (pan wave) is a natural occurrence in metal panels and is not cause for panel rejection.

5

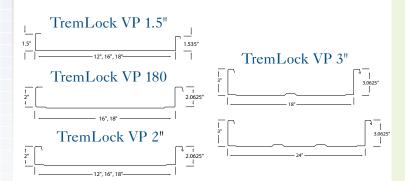


STANDING SEAM

TremLock VP | standing seam system

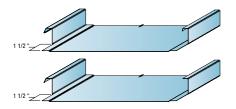
Offering strength, durability and aesthetics, vertical leg standing seam systems are the industry's preferred roofing panel. To meet the varying needs of specifiers and contractors, Tremco Roofing's TremLock VP line represents the industry's broadest selection of vertical leg systems.

Striated Panel Configuration Shown



Factory Notching

For enhanced aesthetics and improved installation efficiency, TremLock VP panels are available with factory-fabricated eave and lap notching.



Details

- Mechanically seamed profile
- > Factory applied sealant (on non-curved panels only)
- Coating: Kynar 500°
- > 1:12 minimum slope for 1 1/2"
- > 1/2:12 minimum slope for 2"
- > 1/4:12 minimum slope for 3"
- > Can be installed over solid substrate or open framing
- > 1 1/2" and 2" also available

Testing Data (Galvalume Only) *

- Class A Fire Rating
- > UL580 Class 90 Uplift Test
- > FM 4471 (1-90 Rated) Uplift Test (2" only)
- > ASTM E1592 Uplift Test (1 1/2, 2" & 3")
- > ASTM E1680 Air Infiltration (2" & 3")
- > ASTM E1646 Water Infiltration (2" & 3")
- > ASTM E 2140 Still water head
- > UL 2218 Class 4 Impact Resistance
- > UL 263 Fire Resistance (2" & 3")

- > Panel Height & Width 1 1/2" x 12", 1 1/2" x 16", 1 1/2" x 18", 2" x 12", 2" x 16", 2" x 18", 3" x 18", 3" x 24"
- Panel Configurations: Striated, Ribbed or Flat Pan (1 1/2" & 2" seam only)
 Minor Ribbed (3" Seam Only)
- > Substrate: Galvalume & Aluminum
- > Gauge: 22 and 24 Gauge Steel; .032 & .040 Aluminum
- > Factory formed eave or lap notch upon request



2" TremLock VP and TremLock VP 1.5 panels are curved on the job site and feature a vertical leg that is mechanically seamed on the roof. These panels can also be installed flat (without a radius). Specifiers should use these systems if a 180° seam is desired.

Details

- > Panel width: 12", 16" or 18"
- > Panel Seam: 180 degree seam only for curved panels Contact Technical Services for 1.5"
- Minimum radius: 25' for 2" 180°, 12' for 1.5"
- Coating: Kynar 500°
- > Substrates: 22, 24 gauge Galvalume, .032 Aluminum
- > Sealant to be field applied on curved applications
- > Also available job site formed for long lengths

Testing Data (2" only) *

- Class A Fire Rating
- > ASTM E1592
- > UL 580 Class 90-Uplift Test
- > ASTM E1680-Air Infiltration
- > ASTM E1643-Water Infiltration
- > UL 2218 Class 4 Impact Resistance
- > UL 263 Fire Resistance
- * All testing conducted with galvalume substrate.
- * Oil canning (pan wave) is a natural occurrence in metal panels and is not cause for panel rejection.



STANDING SEAM SYSTEM

Use this chart to determine the best TremLock VP system for any project.

1.5 sean	Sight Sight	S, Seam ,	90 degrees	180 dedree Earn	χ ₆₃ Ο	ized to	Vidty
TremLock VP	"nr	Ω _r	2/1×	*⁄3 ☆	1/3	φ,	79 12,16,18
TremLock VP		~	☆	☆			18,24
TremLock VP 2" 180		☆			☆		16,18
TremLock VP 2" 180C		☆			☆	☆	16,18
TremLock VP 1.5 - 180	☆				☆		12,16,18
TremLock VP 1.5 - 180C	☆				☆	☆	12,16,18



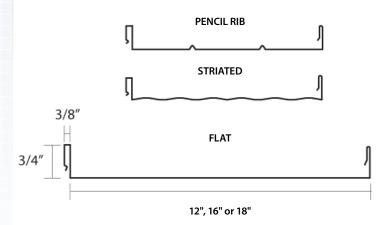
STANDING SEAM

$TremLock\ SL$ | standing seam system

A snap-together standing seam system that features a 1 3/4" seam, and can be installed over solid decking.



Pencil Rib Configuration Shown



Details

- > Factory applied sealant placed in seams
- Coating: Kynar 500°
- > 3:12 Minimum Slope
- > Factory panels available

Testing Data (Galvalume Only) *

- Class A Fire Rating
- > UL580 Class 90 Uplift Test
- ASTM E1592 Uplift Test
- > ASTM E1680 Air Infiltration
- > ASTM E1646 Water Infiltration
- > UL 2218 Class 4 Impact Resistance
- > UL 263 Fire Resistance

- > Panel Width: 12", 16" & 18"
- > Panel Configurations: Striated, Ribbed or Flat Pan
- > Substrate: Galvalume & Aluminum
- Gauge: 22 and 24 Gauge Steel
- > Factory formed eave notch upon request



TremLock Narrow Batten | standing seam system

TremLock Narrow Batten is an architectural standing seam system featuring a narrow batten cap applied over roofing panels with concealed clips. TremLock Narrow Batten is installed over solid decking only, and can also be curved to meet radius panel specifications.

Details

- > Must be installed over solid decking
- > Coating: Kynar 500°
- > 3:12 Minimum Slope

Testing Data *

- › Class A Fire Rating
- > UL580 Class 90 Uplift Test
- > ASTM E1680 Air Infiltration
- > ASTM E1646 Water Infiltration
- > UL 2218 Class 4 Impact Resistance
- > UL 263 Fire Resistance
- > ASTM E1592

Panel Options

- > Panel Width: 12", 16" & 18"
- > Panel Configurations: Striated, Ribbed or Flat Pan
- > Substrate: Galvalume & Aluminum
- › Gauge: 24 Gauge Steel

Radius Details

- > Panel Width: 12", 16" & 18"
- > Minimum Radius: 30" for Steel
- > Panel Configurations: Ribbed or Flat Pan
- > Substrate: 24 Gauge Steel
- Radius formed on site by contractor with leased
 Tremco Roofing equipment
- * All testing conducted with galvalume substrate.
- * Oil canning (pan wave) is a natural occurrence in metal panels and is not cause for panel rejection.



Flat Panel Configuration Shown





Flat Panel Configuration Shown



$TremLock\ LSP\ |\ \text{standing seam system}$

The TremLock LSP trapezoidal standing seam system is designed for projects with slopes as low as 1/4:12. These systems are best suited for simple sloped roofs without dormers, hips, valleys or other special conditions and can be installed over solid decking or substructural members. TremLock LSP is a field-seamed panel.



24" Cover Width TremLock LSP

Details

- > Factory applied sealant in seam to improve weather-tightness
- > Can be installed over solid decking or open framing
- Minimum Slope: 1/4:12
- > Coating: Kynar 500°

Testing Data *

- Class A Fire Rating
- > UL580 Class 90 Uplift Test
- > UL 2218 Class 4 Impact Resistance
- ASTM E1680 Air Infiltration
- > ASTM E1646 Water Infiltration
- ASTM E1592- Uplift Test
- > FM Class 1 90

- > Panel Width: 24"
- > Substrate: Galvalume
- Gauge: 22 & 24 Gauge Steel



TremLock Flexx Wall Panel | NON-EXPOSED FASTENER PANEL

The TremLock Flexx Panel can only be installed horizontally. The TremLock Flexx Panel is designed for a solid substrate application to provide clean lines on new construction or retrofit. If you are looking for clean, textured appearance without visible fasteners, the Flexx wall panel is an excellent selection.

Details

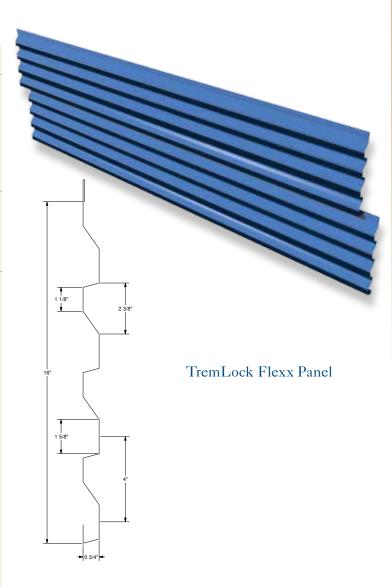
- › A concealed fastener "hook & cleat" interlocking panel
- > Asymmetrical horizontal ribs used on wall applications
- Coating: Kynar 500

Testing Data *

ASTM E -1592 Uplift Test

- Panel Height & Width 3/4" x 16"
- > Substrates: Plywood, Nailers, Hat Channels, Purlins, Subgirts
- > Standard Materials: Alum-Zinc coated steel
- Gauge 24 with optional 22 Gauge Steel

- * All testing conducted with galvalume substrate.
- * Oil canning (pan wave) is a natural occurrence in metal panels and is not cause for panel rejection.





Flush Panel | soffit, fascia & wall panel

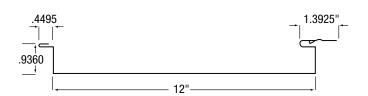
Soffit Panel | SOFFIT PANEL

Flush Panel is a soffit, fascia and wall panel that is coated in colors matching Tremco Roofing's standing seam systems. The end result is assurance of exact color match between roof system, soffit, fascia and wall panels.

Soffit Panel systems will add an elegant touch to any commercial or residential project. Our Soffit Panel is available in a wide variety of gauges and Kynar 500° colors.

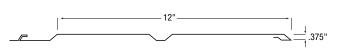


Solid or vented





Solid or vented



Details

- > Coating: Kynar 500°
- > Panel Width: 12"
- > 8% net free area with vented surface.

Testing Data *

> ASTM E1592 - Uplift test

Panel Options

- > Panel Configurations: Flat Pan, Vented or Pencil Ribs
- > Substrate: Galvalume & Aluminum
- > Gauge: 22, 24 Gauge Steel (minimum quantities required)

Details

- > Panel width: 12"
- > Panel Height: 0.375" > Maximum Length 20'
- > Major Rib Spacing: 6" oc.
- > Coating: Kynar 500° > 10% net free area with vented surface

Testing Data *

> ASTM E1592 - Uplift test

- > Surface Configurations: Flat Pan or Vented
- > Substrate: Galvalume
- › Gauge: 24, 29 Gauge Steel



TremLock 7.2 | exposed fastener panels

Our exposed fastener panels work exceptionally well on both parapet walls and facades. TremLock 7.2 is a panel with 7.2" rib spacing that provides optimum strength and spanning capabilities. TremLock 7.2 is equally well suited for industrial and commercial applications.

Details

- > 7.2" Rib Spacing
- Coating: Kynar 500°

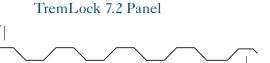
Testing Data

- > UL580 Class 90 Uplift Test
- > ICCES Evaluation on 24 Gauge
- > UL263 Fire Resistance
- Class A Fire Rating
- > ASTM E1680 Air Infiltration
- > ASTM E1646 Water Infiltration

Panel Options

- 20 and 24 Gauge Standard22 and 26 Gauge also available
- > TremLock 7.2 is also available with a 28 3/4" coverage, which is standard for 26 gauge panels. Please specify if 36" coverage is required.
- * All testing conducted with galvalume substrate.
- * Oil canning (pan wave) is a natural occurrence in metal panels and is not cause for panel rejection.





36" Cover Width



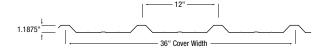
EXPOSED FASTENER PANEL

Exposed Fastener Panels

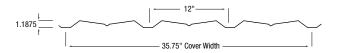
TremLock Ultra-Rib



TremLock "R" Plus



TremLock Shadow-Rib



TremLock Ultra-Rib

TremLock Ultra-Rib is a low profile 3/4" panel that is well suited for commercial and agricultural applications.

Testing Data

Panel Options

- > UL580 Class 90 Uplift Test
- > UL 2218 Class 4 Impact Resistance
- Class A Fire Rating
- > UL263 Fire Resistance
- Gauge: 26, 24 Gauge Steel

TremLock "R" Plus

TremLock "R" Plus is a multi-use wall and roof panel used primarily in pre-engineered metal building applications.

Testing Data

Panel Options

- > UL580 Class 90 Uplift Test
- > UL 2218 Class 4 Impact Resistance
- > Florida State Approval: 1747.8, 1832.10
- Class A Fire Rating
- > UL263 Fire Resistance

› Gauge: 26, 24, 22 Gauge Steel

TremLock Shadow-Rib

TremLock Shadow-Rib is an exposed fastener wall panel that is designed so that fasteners are placed in the valleys, making them more difficult to see.

Panel Options

› Gauge: 26, 24 Gauge Steel



Exposed Fastener Panels

TremLock Invisi-Lap

TremLock Invisi-Lap is a low profile 3/4" panel that is well suited for commercial and agricultural applications.

Panel Options

› Gauge: 26, 24 Gauge Steel

TremLock Mini-Rib

The symmetrical design of Tremco Roofing's Mini-Rib panel makes it an appealing profile for soffit, liner and fascia applications.

Panel Options

› Gauge: 26, 24 Gauge Steel

TremLock "R" Panel

TremLock R-Panel is a multi-use wall and roof panel used primarily in pre-engineered metal building applications.

Testing Data

Panel Options

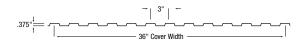
Gauge: 26, 24, 22 Gauge Steel

- > UL580 Class 90 Uplift Test
- > UL 2218 Class 4 Impact Resistance
- > Florida State Approval: 1747.9, 1832.11
- > Class A Fire Rating
- > UL263 Fire Resistance
- Miami Dade Approval (NOA# 08-1007.06)

TremLock Invisi-Lap



TremLock Mini-Rib



TremLock "R" Panel

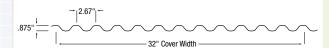




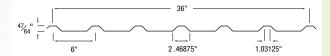
Exposed Fastener Panels

TremLock "M" Panel

TremLock "S" Panel



TremLock "U" Panel



TremLock "M" & "S" Panel

Tremco Roofing's corrugated panels were designed and engineered with greater-than-normal spans and load-carrying characteristics in mind. They quickly communicate their highstrength performance capabilities and are equally well-suited for roof or wall applications. Our "M" & "S" are similar in design, with the "M" Panel offering a more subtle rib height and configuration.

Testing Data

- > UL 2218 Class 4 Impact Resistance
- Class A Fire Rating
- > UL-580 Class 90 Uplift Test

Panel Options

- › Gauge: 26, 24 Gauge Steel
- > 22 Gauge available with the "S" Panel Only

TremLock "U" Panel

TremLock U-Panel is an exposed fastener wall and roof panel that is also used extensively as a liner or partition panel.

Testing Data

Panel Options

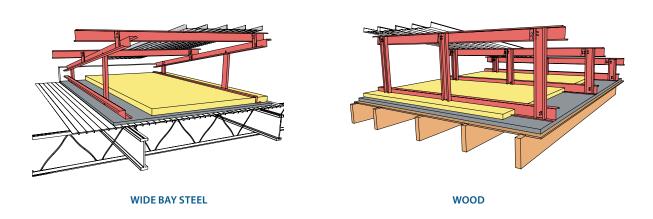
- > UL580 Class 90 Uplift Test
- > UL 2218 Class 4 Impact Resistance
- Class A Fire Rating
- > UL263 Fire Resistance

> Gauge: 26, 24 Gauge Steel

CONCRETE



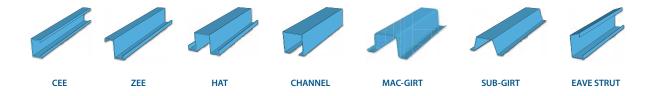
SECONDARY STEEL



Known for high-quality roofing products and exceptional services, Tremco Roofing and Building Maintenance is ready to be your source for retrofit metal roofing systems. Multiple framing methods are available to handle low and steep slope applications as well as a multitude of special conditions.

Substructural Components

Tremco Roofing's substructural components - Cees, Zees, Hats, Channels, Angles - represent the broadest selection of cold-formed substructural components in the industry. Our Cees and Zees are from Tremco Roofing and are manufactured in LGSI (Light Gauge Structural Institute) sections. LGSI sections have been found to have numerous advantages, including greater ease of installation.



COOL ROOF COLOR SOLUTIONS PREMIUM COLORS (ADDITIONAL CHARGES WILL APPLY)



Regal Blue R: 0.26 E: 0.85 SRI: 24



R: 0.49 E: 0.85 SRI: 55



R: 0.42 E: 0.84 SRI: 45







R: 0.26 E: 0.85 SRI: 24

COLOR SOLUTIONS

COOL ROOF COLOR SOLUTIONS STANDARD COLORS



R: 0.68 E: 0.86 SRI: 82



Light Stone

R: 0.53 E: 0.86 SRI: 61



Mansard Brown

R: 0.30 E: 0.85 SRI: 30



Patrician Bronze

R: 0.27 E: 0.86 SRI: 26

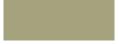


Matte Black

R: 0.27 E: 0.86 SRI: 26

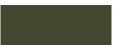


R: 0.71 E: 0.85 SRI: 86



Surrey Beige

R: 0.40 E: 0.86 SRI: 43



Terratone

R: 0.33 E: 0.86 SRI: 34



Ash Gray

R: 0.39 E: 0.84 SRI: 41



Patina Green

R: 0.46 E: 0.85 SRI: 51

R: 0.43 E: 0.85 SRI: 47 Evergreen R: 0.26 E: 0.84 SRI: 24

Ivory

R: 0.67 E: 0.87 SRI: 81

Clay

R: 0.33 E: 0.85 SRI: 34

Medium Bronze

R: 0.30 E: 0.87 SRI: 31

Slate Gray

Autumn Red

R: 0.31 E: 0.84 SRI: 31



R: 0.54 E: 86 SRI: 63



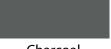
Tudor Brown

R: 0.29 E: 0.86 SRI: 29



Dark Bronze

R: 0.26 E: 0.84 SRI: 24



Charcoal

R: 0.32 E: 0.85 SRI: 32



Roman Blue

R: 0.26 E: 0.85 SRI: 24



Colonial Red

R: 0.33 E: 0.85 SRI: 34

Go Green with Tremco Roofing

Tremco Roofing and Building Maintenance can help you create sustainable projects. All profiles are made from recycled steel and are offered in a full spectrum of energy saving Cool Colors. Contact your local Tremco Roofing sales representative for more information.





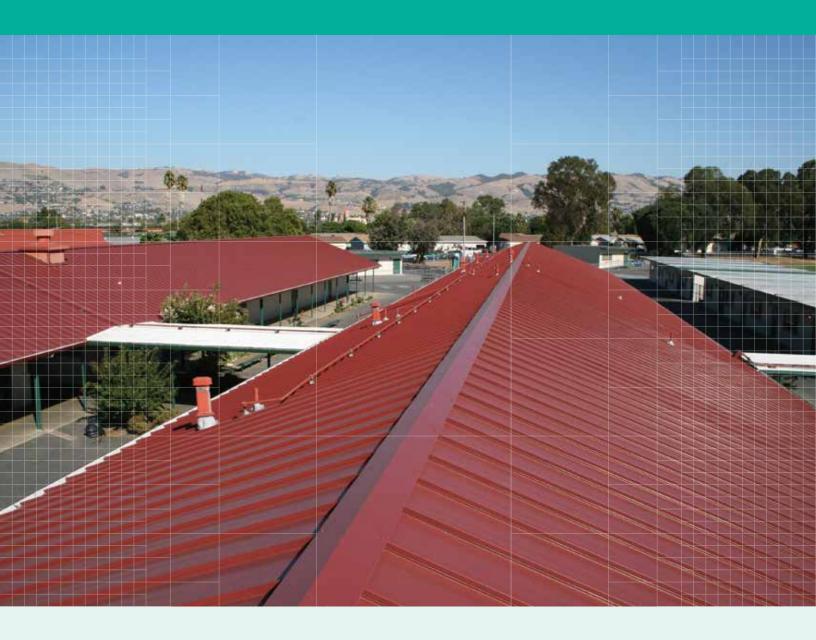


A COMMITMENT TO EXCELLENCE

In addition to our exceptional products, ongoing maintenance programs and relationships with quality contractors, Tremco Roofing and Building Maintenance offers a number of other advantages when you need a metal roofing or wall system, including:

- > Standard Kynar 500[®] coating that helps resist damage while remaining vibrant
- Special color matching capabilities
- Technical support
- Meeting LEED criteria for recycled content and regionally manufactured materials (depending on the system selected and your location)

With sales representatives and facility service technicians across North America, Tremco Roofing and Building Maintenance helps manage building life cycles for customers in education, healthcare, government, manufacturing and many other industries. We are a division of Tremco Incorporated, which has been in business since 1928 and is itself part of the RPM Building Solutions Group, an international leader in the construction, maintenance and repair markets. Tremco Roofing works closely with Tremco Incorporated subsidiary WTI, which provides both general contracting and roofing services.



T o learn more about how we can help you solve your metal roofing and wall challenges, or other facility issues you're facing, contact your local Tremco Roofing and Building Maintenance sales representative. You can also visit www.tremcoroofing.com or call us toll-free at 800.562.2728.



