

From post-frame to residential and commercial structures, our Max-Rib panel provides the perfect combination of aesthetics, quick installation, cost, and performance.



Photo Courtesy of FBi Buildings

## Overview:

- 1:12 Minimum Slope (with sealant)
- Two Paint options:
  - Kynar 500® (PVDF) = Greater Gloss Retention; Less Fade & Chalk
  - Silicone Modified Polyester (SMP)
- Galvalume® and Galvanized Substrates available
- Edge Rust Inhibitor
- 29 Ga., 26 Ga., & 24 Ga.
- Thermoforming on SMP painted products reduces microfracturing
- Made in the USA





# Max-Rib

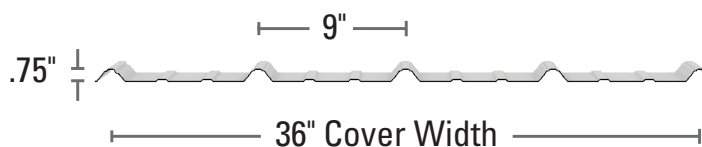
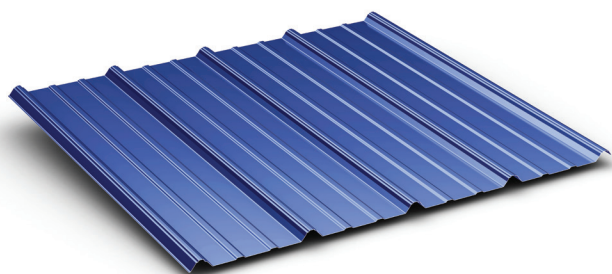


Photo Courtesy of Blunier Buildings

We offer you more "choices" for our Max-Rib panel because we understand every project and customer carries their own set of priorities and job specifics. You shouldn't be forced to waste time with multiple suppliers just to find the product you need!

## Substrate:

The most popular steel substrates in the metal roofing and siding industry are Galvanized and Galvalume®. From performance to warranties, these two options offer vastly different results.

Substrate	Steel Mill Warranty	Coating
Galvanized	None	Zinc
Galvalume	45-50 years	Zinc plus aluminium

Some manufacturers control cost by stocking only one substrate or the other. We're proud to offer both so you can pick the option that best suits your customer and project.

### Substrate:



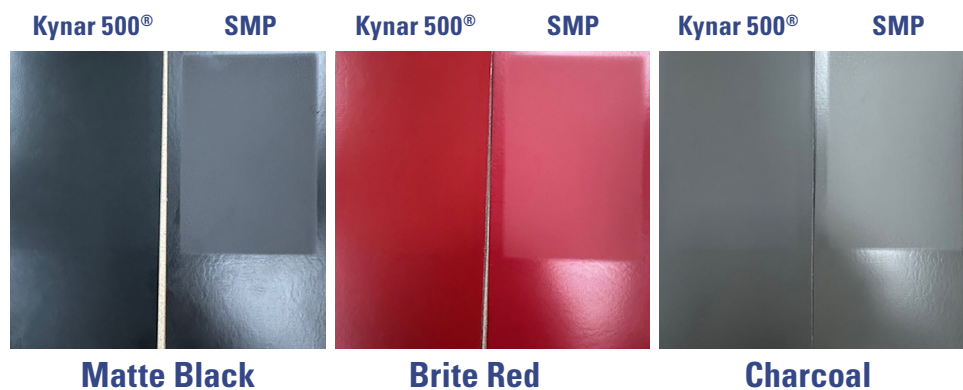
Scan this QR code to visit our website and learn more about substrates.

## Paint System:

Most of our Max-Rib competitors inventory Silicone Modified Polyester (SMP) paint systems as their standard offering. At McElroy Metal, we're proud to offer SMP systems for your budget-conscious and light-colored projects. However, we're also one of the only manufacturers with an inventory of 15+ Kynar 500®/PVDF 29 ga. and 26 ga. colors for your discerning customers who place a high priority on long-term performance.

The outstanding color and gloss retention offered by Kynar 500®/PVDF projects means your customers can expect like-new curb appeal for decades. Either way, the choice is yours!

Not sure which is right for your customer? Check out some expected performances below. The first image in the three photos below is a Kynar 500® panel and the second is an SMP panel. In both cases, the bottom 1/3 was protected during a 4,000-hour test while the top 2/3 remained exposed. After removing the masking, it's easy to see the loss in both color and gloss on the SMP sample, while the Kynar 500® panel remains virtually untouched.



### Paint System:



Scan this QR code to visit our website and learn more about coatings.

PRODUCT NAME	BEST PERFORMANCE		
	Fade	Chalk	Gloss Retention
Kynar 500® (PVDF)	★	★	★
SMP			

## Thermoforming

Long term customer satisfaction is our top priority at McElroy Metal. As a result, we're constantly looking for ways to do things better. Thermoforming (also called warm forming) is just one example of our customer commitment.

Traditionally steel panels have been manufactured from steel at room temperature. While that process worked for decades, new advances have proven that warming the steel prior to production results in a better product with a longer life expectancy for Silicone Modified Polyester (SMP) paint systems.

Thermoforming technology is just one more thing we're doing to earn your business."

### Thermoforming:



Scan this QR code to visit our website and learn more about thermoforming.

## PRODUCT SELECTION GUIDE

Use the chart below to navigate your choices and select the best product!

Product Name	Substrate	Steel Mill Substrate Warranty	Paint Systems	Tips
<b>Max-Rib Ultra</b>	<b>Galvalume</b>	<b>Yes 45-50 Years</b>	<b>Kynar 500®/PVDF</b>	<b>Best for high visibility projects</b>
<b>Max-Rib II</b>	<b>Galvalume</b>	<b>Yes 45-50 Years</b>	<b>SMP</b>	<b>Best for light colors or low visibility projects</b>
<b>Max-Rib 100</b>	<b>Galvanized G-100</b>	<b>No</b>	<b>SMP</b>	<b>Best for animal confinement or corrosive projects</b>

### Edge-Rust Inhibitor:

A special clear, rust inhibitor is factory-applied to the cut ends of each Max-Rib panel. This inhibitor minimizes rusting of the exposed edge.



Environmental tests show extensive corrosion along cut end of panel without Edge-Rust Inhibitor.



Minimal corrosion is detected along cut end of panel with Edge-Rust Inhibitor application.

### Made in the USA

Foreign steel is very common in the metal panel industry. However, you can rest assure that . . .

**Max-Rib is manufactured from steel made in the USA!**