

# **Metal Roofing & Siding Finish Options**

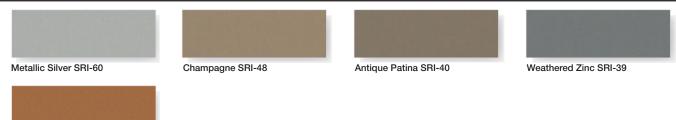
## Standard Kynar 500° Coatings

20 or 30-year Commercial, Non-Transferable, Non-Prorated, Limited Warranty 40-Year Residential, Transferable, Non-Prorated Limited Warranty



Retro Red SRI-42

## Premium Metallic 500° Coatings (Premium Pricing Applies)



Copper Penny SRI-50

### Premium Finish (Premium Pricing Applies)



Vintage® is an innovative coating process over a G-90 metallic-coated steel surface. The process creates shade variations from light to dark, the lighter shade exhibiting a grey tone while the darker shade exhibits a bronze or brown tone. The dynamic, preaged appearance makes this a beautiful and durable product choice that is also graffiti resistant. Vintage® comes with a 20 year warranty. Warranty can vary by environment, see TMP website for more information.

NOTE: Due to the coating process, Vintage® has a color range. Color can vary from batch-to-batch and have directional variations. Due to color ranges, color matching of this product is not available.

#### Weathering Materials (These materials will change appearance over time)



16 oz. Copper 20 oz. Copper please inquire Pure Copper has no warranty



Zincalume® Plus AZ-55/ Galvalume® SRI-65

Zincalume® Plus AZ-55 is a 55% aluminum, 45% zinc metallic coating over steel. Due to batch differences, color or spangle matching of this product is not available











SRI=Solar Reflective Index. SRI values listed above are in accordance with ASTM E1980 and are based on actual testing. (CRRC) Cool Roof Rating Council SRI values (CA Title 24, ENERGY STAR\*) are based on the grouping of colors (color families). CRRC SRI values will differ, as each color is not tested in the color family option. Coatings are low gloss 10-15% sheen. These printed chips provide a close representation of the colors. Metal samples are available upon request. Custom colors available. "Oil canning" is an inherent characteristic of roof and wall products, and not a defect, which is not a cause for panel rejection.

Taylor Metal Products Cool Kynar 500°

All Taylor Metal Products Kynar 500° coatings utilize pigments that are specifically designed to reflect infrared light, help reduce the heat gain of a dwelling, and conform with ENERGY STAR° criteria for steep slope cool roofing products.

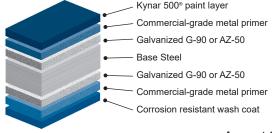
PVDF is a fluoropolymer that is manufactured under the trademarked names Duranar (PPG) and Kynar 500°. Paint finishes containing a minimum 70% PVDF resin meet the high-performance weathering criteria established by the American Architectural Manufacturing Association and are allowed to carry the Kynar 500° trademarked name.

KYNAR 500® SPECIFICATIONS - Polyvinylidene Fluoride (PVDF)*		
	Aluminum Substrate	Coated Steel <sup>1</sup> Substrate
Dry Film Thickness (nominal)		
ASTM D1400	0.20 - 0.30 mil primer	0.20 mil primer
	0.70 - 0.80 mil topcoat	0.75 mil topcoat
Gloss	05 05	25 25
ASTM D523	25 - 35 <10	25 - 35
Standard @ 60°	<10	<10
DURANAR LG @ 85°		
Pencil Hardness	E 211	F 011
ASTM D3363	F-2H	F-2H
Flexibility <sup>2</sup>	0.0.71	0.71
T-bend, ASTM D4145	0-2 T-bend; No pick-off	2 T-bend; No pick-off
Adhesion	Nie edlessies !	No adhesion loss
ASTM D3359	No adhesion loss	No agnesion loss
Reverse impact 1/16" crosshatch		
Reverse Impact	No oracking or adhesion loss	No arading or adhesian loss
ASTM D2794	No cracking or adhesion loss	No cracking or adhesion loss
1.5 x metal thickness (aluminum)	No cracking or adhesion loss	No cracking or adhesion loss
3.0 x metal thickness (coated steel)  Acid Resistance		
ASTM D1308	No effect	No effect
10% muriatic acid — 24 hrs.	No effect	No effect
20% sulfuric acid — 18 hrs.	No ellect	No ellect
Acid Rain Test		
Kesternich SO <sub>2</sub> , DIN 50018	15 cycles min.	15 cycles min.
resternion 30 <sub>2</sub> , Dire 300 to	No objectionable color chage	No objectionable color change
Alkali Resistance	The expectationable color enage	rto especialistic deler enange
ASTM D1308	No effect	No effect
10%, 25% NaOH, 1 hr.		
Salt Spray Resistance		
ASTM B117	Passes 4000 hrs.	Passes 1000 hrs.
5% salt fog @ 95°F	Less than 1/16" avg.	Less than 1/8" avg.
	creepage from scribe:	creepage from scribe;
	None or few #8 blisters	None or few #8 blisters
Humidity Resistance		
ASTM D714	Passes 4000 hrs.	Passes 1500 hrs.
ASTM D2247	No #8 blisters	No #8 blisters
100% relative humidity @ 95°F		
Exterior Exposure		
10 yrs. @ 45°, south Florida	Max. 5 fade	Max. 5 fade
ASTM D2244	Max. 8 chalk	Max. 8 chalk
ASTM D4214		

<sup>&</sup>lt;sup>1</sup>Coated Steel includes the following types of steel: G90 hot dip galvanized, Galdan, Galvalume, and Zincalume.

This elite high-performance paint system is extremely durable, providing the most effective long-term protection against color fade and chalking, as well as superior resistance to surface damage encountered under normal environmental conditions. The uparallelled performance of the Cool Kynar 500° paint system is perfect for residential and commercial buildings.

With 22 standard colors and 5 premium metallic coatings, the Cool Kynar 500° Paint System is certain to provide any project with the highest quality protection and appearance.



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<sup>&</sup>lt;sup>2</sup>Fracturing or rupturing of substrate will rupture coatings. Heavy gauge and clad steel substrates impose limitations on formability. DURANAR coatings are generally flexible beyond the point of substrate rupture.