

Coastal Metal Roofing Supply

9997 Highway 78
Ladson, SC 29456
843-974-8535

Kynar 500®

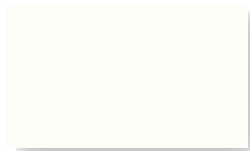
35 YEAR
FINISH
WARRANTY



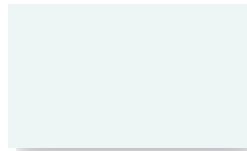
Standard Cool Colors



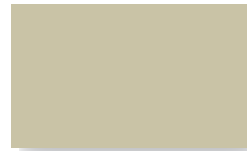
Terra Cotta



Snowdrift White



Regal White



Almond



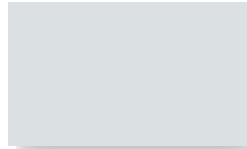
Sierra Tan



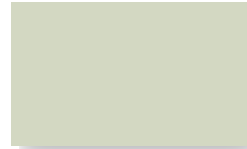
Colonial Red



Aged Copper



Stone White



Bone White



Medium Bronze



Banner Red



Patina Green



Ash Gray



Sandstone



Mansard Brown



Slate Blue



Classic Green



Dove Gray



Charcoal Gray



Dark Bronze



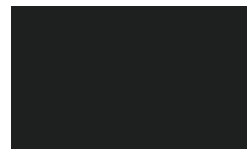
Royal Blue



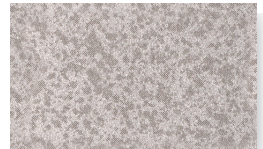
Hartford Green



Slate Gray

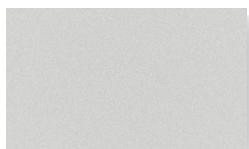


Matte Black



Galvalume

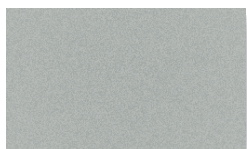
Metallic Colors



Silver*



Copper Penny*



Pre-Weathered Galvalume*



*Slight price upcharge may apply for metallic colors.

•Colors shown are matched as accurately as possible, but may vary slightly from finished product.

Test Performance

TEST	ASTM TEST	PERFORMANCE
Physical Properties and Durability		
Film Thickness	D-1005	0.15 - 0.30 mil primer 0.7 - 0.9 mil topcoat
60° Specular Gloss	D-523	25 - 35
IR Reflectivity	C-1549 (Standard test method using portable Reflectometer)	0.25 (25%) minimum
Emissivity	C-1371 E-408	0.80 (80%) minimum
Pencil Hardness	D-3363	HB - H
Flexibility, T-Bend	D-4145	1 - T aluminum 2 - T coated steel*
Adhesion	D-3359	No adhesion loss
Reverse Impact	D-2794	No cracking or loss of adhesion
Abrasion, Falling Sand	D-968	65 - 85 l/mil
Mortar Resistance	C-267	No effect
Detergent Resistance 3% Detergent, 100°F (72 hrs.)	D-2248	No effect
Atmospheric and Pollutant Resistance		
Acid Pollutants	D-1308 10% Muriatic Acid, (15 min.) 20% Muriatic Acid, (15 min.) AAMA 621	No effect No effect < 5 units color change
Acid Rain Test	Kesternich	10 cycles minimum, no objectionable color change
Alkali Resistance 5% @ (72 hrs.)	20% Sodium Hydroxide (1 hr.)	No effect
Salt Spray Resistance 5% @ 95°F	B-117	Passes 3,000 hrs. - aluminum Passes 1,000 hrs. - coated steel*
Humidity Resistance 100% @ 100°F	D-2247	Passes 3,000 hrs. - aluminum Passes 1,000 hrs. - coated steel*
Weathering		
South Florida exposure	D-2244	Less than 5 units color change at 10 yrs.
UVA (340 Bulbs)	G-154	Passes, 3,000 hrs.
Chalk Resistance	D-4214	Rating of 8 min.

Based on a minimum of 70% PVDF resin technology.

Kynar 500® is a registered trademark of Arkema, Inc.

*All tests performed to the latest ASTM revision.

*Performance on G-90, Zinalume, Galvalume, and other approved zinc/aluminum coated steel.

Reflectance values measured using a D&S Solar Reflectometer, values may vary between instruments and method.



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