

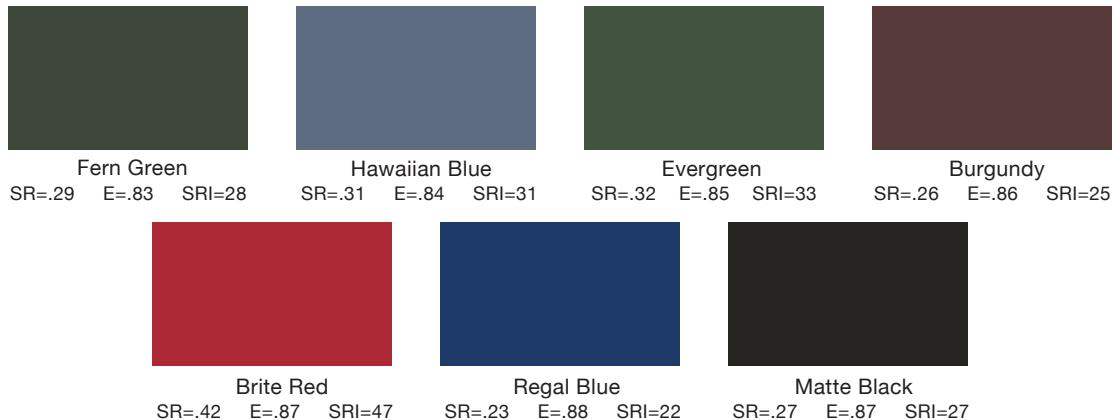


STEEL for
METAL ROOFING
and METAL BUILDING
industry

STANDARD COLORS



PREMIUM COLORS



METALLIC COLORS



LOW GLOSS COLORS



Siliconized Modified Polyester System

Dura Coat
PRODUCTS
An Axalta Coating Systems Company

*40 Year Limited Warranty on Dura Coat Ceranamel™ XT-40S Painted Material

*Custom Color Matches are available. All Colors shown are within the limits of color chip reproduction.



Silicone Modified Polyester.

40 Years Limited Waranty on Painted Material

SMP (Silicone-Modified Polyester) our SMP painted metal is engineered to deliver performance and protection that meet the most rigorous industry standards. It offers a comprehensive solution for a wide range of architectural and industrial applications, combining aesthetic appeal with robust technical attributes.

SMP coatings excel in weather resistance, maintaining color vibrancy and gloss over extended exposure to sunlight and adverse weather conditions.

SMP-coated metal provides a protective barrier against corrosion, ensuring structural integrity over time.

Technical Data

Specular Gloss at 60° ASTM D 523 ²	20 to 80
Pencil Hardness ASTM D 3363	F to 2H
T-Bend ASTM D 4145 ⁵	2T to 4T ³ with no loss of adhesion
Cross Hatch Adhesion ASTM D 3359	No loss of adhesion
Reverse Impact ASTM D 2794 ⁵	Galvalume® or HDG: 3x3 metal thickness inch-pounds, no loss of adhesion Aluminum: 1.5x metal thickness inch-pounds, no loss of adhesion

Humidity Resistance

100% RH 1,000 Hours ASTM D 2247	Galvalume® or HDG: No field blisters
100% RH 2,000 Hours ASTM D 2247	Aluminum: No field blisters

Salt Spray Resistance

1,000 Hours ASTM B 117	Galvalume® or HDG: Creep from scribe ≤ 1/8 inch (3mm), none or few #8 blisters
2,000 Hours ASTM B 117	Aluminum: Creep from scribe ≤ 1/8 inch (3mm), few #8 blisters

South Florida Exposure

ASTM D 2244	Chalk: Rating no less than 8 at 90° angle and 6 at non vertical angle at 30 yrs
ASTM D 659 ¹	Film Integrity: 40 years, no cracking, flaking and peeling

Water Immersion 100° F 168 Hours **ASTM D 870**

ASTM D 968	No field blisters with minimal color change
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1. All substrates must be properly cleaned and pretreated.

2. American Society for Testing and Materials.

3. Storm Armor is not designed to bridge cracks in the substrate. Due to variability of heavy gauge and HDG metal, some fracturing or rupturing of the substrate is possible with subsequent rupturing of the coatings.

4. Varies by color. For details on health, safety and handling information, Material Safety Data Sheets are available upon request.

5. Oil Canning is inherent to roll formed products and shall not be cause for rejection. To help reduce oil canning use 24 gauge or thicker.

6. Flat surfaces will display slight waviness commonly referred to as Oil Canning. This phenomenon is caused by steel mill production tolerances and will not be accepted as cause for field rejection.

7. Deposits/Special Order: All deposits are final and non-refundable on special orders.