

Weather XL™ Coil Coating System

Industry Leading Silicone Modified Polyester (SMP)

Sherwin-Williams WeatherXL™ coating is a unique silicone-modified polyester (SMP) resin system for pre-painted metal products designed especially for the residential, agricultural and commercial construction industry.



Durable & Long-Lasting

This two-coat system has proven durability and is highly resistant to stains, abrasions and metal marking. These outstanding features allow the product to endure the physical stresses of fabrication, transit and construction while minimizing cracking and marring.

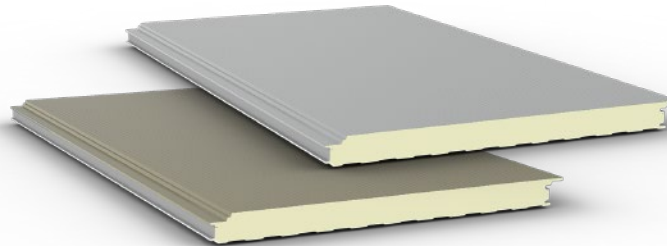
The combination of ceramic, inorganic pigments and other enhancements make WeatherXL™ the most durable SMP coatings on the market. WeatherXL™ is recognized for its superior weatherability, remarkable color and gloss retention, outstanding color consistency, proven durability, as well as superior chalk resistance.

WeatherXL™ coatings are available in a wide pallet of colors from bright white to jet black, all of which are available in Solar Reflective (SR) formulations to meet Energy Star and LEED qualifications, which means while looking beautiful, you also save energy and cooling costs.



SHERWIN-WILLIAMS
Coil Coatings

WeatherXL



FALK Panel

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To obtain color samples of any of the coatings featured on this card, or if you need more information about our complete range of colors and options visit falkpanel.com or falkpanels.ca

- Category 1 - Standard
- Category 2 - Premium

Category 2 items are considered non-standard items with limited availability and extended lead times. Color requests not listed are considered custom requests involving special approval and quantity minimums.

BRIGHT WHITE • WXW0050L

ALAMO WHITE • WXW0051L

DUTCH WHITE • WXW0704L ●

LIGHT STONE • WXD0038L ●

SADDLE TAN • WXD0046L ●

DESERT SAND • WXD0055L ●

OLD TOWN GRAY • WXA0095L ●

BURNISHED SLATE • WXB1007L ●

CHARCOAL • WXA0090L ●

BLACK (Trim Only) • WXA0107L ●

GALLERY BLUE • WXL0026L ●

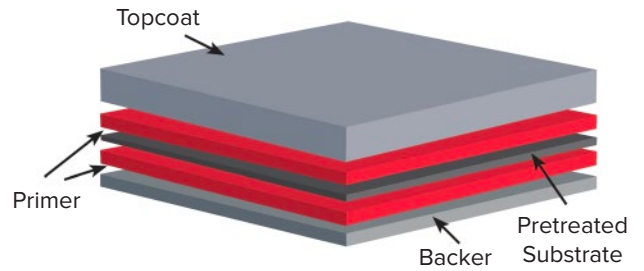
EVERGREEN • WXG0021L ●

RUSTIC RED • WXR0074L ●

CRIMSON RED • WXR0084 ●

COMMITMENT TO QUALITY

Our coatings are trusted and field-proven through rigorous testing, providing key benefits to our customers.



SMP COIL COATING SYSTEM

Number of Coats	Dry Film Thickness (DFT)		Total Topside DFT:	Backer
	Primer	Topcoat		
2-Coat	0.2–0.3 mils	0.7–0.8 mils	0.9–1.1 mils	0.2–0.3 mils

WEATHER XL™ AND WEATHER XL CRINKLE FINISH PERFORMANCE TESTING

Industry Specifications Compliance	AAMA 2604-17A Requirements	Voluntary Specification, Performance Requirements and Test Procedures for High-Performing Organic Coatings on Architectural Aluminum Extrusions and Panels
Substrates	Pretreated Galvalume, Hot-Dipped Galvanized (HDG) steel and aluminum	

PHYSICAL TESTING

ASTM¹ TEST METHOD

AAMA² 2604-17A REQUIRED TEST RESULT

Falling Sand Abrasion	ASTM D 968	35 ± 10 liters
Film Adhesion	ASTM D 3359	No removal of film under tape in the cross-hatched area. (Dry, Wet, Boiling Water)
Surface Burning Characteristics	ASTM E 84	Flame Spread Index: Class A. Smoke Developed Index: Class A.
Graffiti Resistance	ASTM D 6578/D 6578M	Meets and exceeds
Humidity Resistance	ASTM D 2247: 100% RH at 100° F for 2,000 hours	Galvalume or HDG: No field blisters Aluminum: No field blisters
Impact Resistance (direct)	ASTM D 2794	Galvalume or HDG: 3x metal thickness inch-pound, no loss of adhesion
Pencil Hardness	ASTM D 3363	HB to 2H.
Salt Spray	ASTM B 117: 1,000 Hours; 3,000 Hours	Galvalume or HDG: Creep from scribe ≤ 1/8" (3mm), none or few #8 blisters. Aluminum: Creep from scribe ≤ 1/8" (3mm), few #8 blisters.
Specular Gloss 60°	ASTM D 523	WeatherXL: 20-80 WeatherXL Crinkle Finish: <5 @ 60 degrees
T-Bends	ASTM D 4145 ³	2T-4T, no loss of adhesion.

SOUTH FLORIDA TESTING 45 degree southern exposure for panel racking

Color	ASTM D 2244	No more than 5Δ E Hunter units at 90° vertical angle and 6Δ E non-vertical at 20 years.
Chalk	ASTM D 4214	Rating no less than 8 at 90° angle and 7 at non-vertical angle at 20 years.
Film Integrity	ASTM G 7	25 years, no blisters, peeling or cracking

¹American Architectural Manufacturers Association. ²American Society for Testing and Materials. ³WeatherXL is not designed to bridge cracks in the substrate. WeatherXL coatings will generally meet the requirements for most post-painted fabrication processes. However, variations in metal quality, thickness or cleaning/pre-treatment applications can lead to diminished flexibility.

For details and health, safety and handling information, Material Safety Data Sheets (MSDS) are available at coil.sherwin.com. WeatherXL™ is a registered trademark of Sherwin-Williams. Galvalume® is a registered trademark of BIEC International, Inc.

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