



MEET WEATHERXL™ AND WEATHERXL CRINKLE FINISH

Bigger, bolder versions of Sherwin-Williams' flagship silicone modified polyester (SMP) coatings. These cutting-edge formulations each feature a two-coat finish recognized for its durability, offering even stronger protection and endurance during extreme conditions than its predecessor.

WEATHERXL PRODUCTS

They live up to their warrior and workhorse reputation when you need your design to last.

■ WeatherXL

Created to withstand almost anything that comes its way, our specially formulated WeatherXL silicone-modified polyester coating is designed to go where it will be abused — maintaining extreme resistance to abrasion, chipping and marring with tremendous color and gloss retention.

■ WeatherXL Crinkle Finish

The unique texture of WeatherXL's Crinkle Finish redirects light for enhanced visual depth, promising step-change improvement over flat-panels' appearance. Its responsive design allows its subtle shading to mirror the eye's natural horizontal motion, creating beautifully shifting, shimmering tones.

BENEFITS

- Superior weatherability
- Best resistance yet to chalking, fading and scratching for SMP

- Exceptional color and gloss retention
- Outstanding color consistency
- Proven durability

COLORS

WeatherXL coatings are available in a wide palette of colors from bright white to jet black, many of which are available in Solar Reflective (SR) formulations to meet ENERGY STAR® and LEED certifications.

SUBSTRATES

May be applied to a number of pretreated substrates, including aluminum, Galvalume® and hot-dip galvanized (HDG) steel.

END USES

WeatherXL coatings are ideal for residential and commercial building products, including:

- Agricultural and industrial metal building components
- Commercial and residential metal roofing
- Metal wall panels
- Pre-engineered metal building systems
- Siding, gutters and downspouts

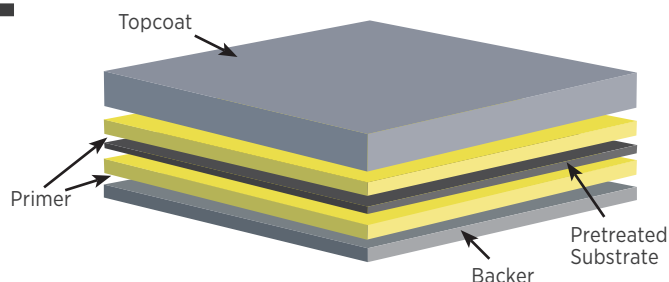


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COMMITMENT TO QUALITY

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

WEATHERXL™ AND WEATHERXL CRINKLE FINISH PERFORMANCE TESTING

Industry Specifications Compliance	AAMA ¹ 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 aluminium	

PHYSICAL TESTING	ASTM ² TEST METHOD	AAMA ¹ 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 EXPOSURE 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/pretreatment 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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