



# 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

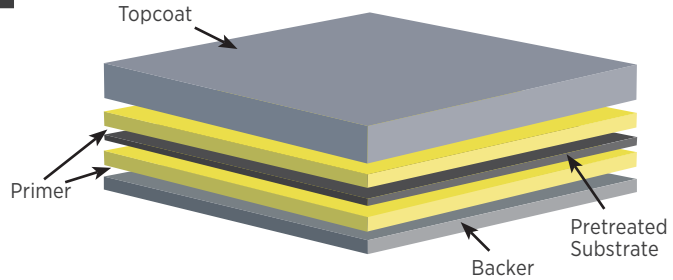
WeatherXL coatings are ideal for residential and commercial building products, including:

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



# 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 <sup>1</sup> 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 <sup>2</sup> TEST METHOD	AAMA <sup>1</sup> 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	<b>WeatherXL:</b> 20-80 <b>WeatherXL Crinkle Finish:</b> <5 @ 60 degrees
T-Bends	ASTM D 4145 <sup>3</sup>	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

<sup>1</sup>American Architectural Manufacturers Association. <sup>2</sup>American Society for Testing and Materials. <sup>3</sup>WeatherXL 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](http://coil.sherwin.com). WeatherXL™ is a registered trademark of Sherwin-Williams. Galvalume® is a registered trademark of BIEC International, Inc.

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