



WeatherXL™ Silicone Modified Polyester Coil Coating Systems

Meet WeatherXL and WeatherXL Crinkle Finish — Valspar's flagship silicone modified polyester (SMP) coatings. These cutting-edge formulations each feature a two-coat finish recognized for its durability, offering stronger protection and endurance during extreme conditions.

WeatherXL family of coatings live up to their warrior and workhorse reputation when you need your design to last, providing first-class, super-strength resistance to scratching, chalking, fading and weathering.



WeatherXL

Created to withstand most 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.

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.

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.

SUBSTRATES

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

BENEFITS

WeatherXL family of coatings provide a number of unique benefits, including:

- Superior weatherability
- Best resistance yet to chalking, fading and scratching for SMP
- Exceptional color and gloss retention
- Outstanding color consistency
- Proven durability

END USES

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

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

AT YOUR SERVICE

Do you have a unique application? We'll work with you to find a solution. Want a unique color? We'll create it for you. Need a quick turnaround? Talk to us, and we'll help you get your project completed on time. We're here to help. In fact, with our availability at coating and service centers throughout the country, we're there for you. Give us a call and see how we can help with your next project.

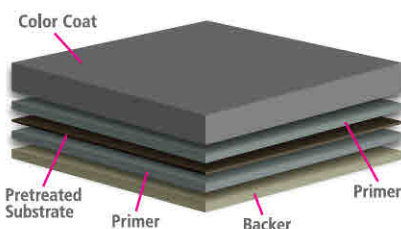
Coil Customer Service: 888-306-2645 — coilhelp@valspar.com

COMMITMENT TO QUALITY — TECHNICAL DATA: WEATHERXL FAMILY

	Weather XL	Weather XL Crinkle
Coating System	SMP	SMP
Number of Coats	2 coat	2 coat
Dry Film Thickness (DFT)	DFT: 0.9 - 1.1 mils Color Coat: 0.7 - 0.8 mils Primer 0.2 - 0.3 mils Backer: 0.2 - 0.3 mils	DFT: 0.9 - 1.1 mils Color Coat: 0.7 - 0.8 mils Primer 0.2 - 0.3 mils Backer: 0.2 - 0.3 mils
Industry Specification Compliance	AAMA 2604-13*	AAMA 2604-13*
Substrates	Applied to pretreated aluminum, HDG and Galvalume®	Applied to pretreated aluminum, HDG and Galvalume®
Abrasion Resistance, ASTM D 968**	35 ± 5 liters	35 ± 5 liters
Cross Hatch Adhesion, ASTM D 3359	No loss of adhesion	No loss of adhesion
Flame Test, ASTM E 84	Class A	Class A
Graffiti Resistance, ASTM D 6578 / D 6578M	Meets and exceeds	Meets and exceeds
Humidity Resistance, ASTM D 2247, 100% RH -2,000 hrs	Galvalume® or HDG: No field blisters Aluminum: No field blisters	Galvalume® or HDG: No field blisters Aluminum: No field blisters
MEK Double Rubs ASTM D 5402	150 Plus	150 Plus
Impact Resistance (direct), ASTM D 2794	Galvalume® or HDG: 3x3 metal thickness inch-pounds, no loss of adhesion. Aluminum: 1.5x metal thickness inch-pounds, no loss of adhesion	Galvalume® or HDG: 3x3 metal thickness inch-pounds, no loss of adhesion
Pencil Hardness, ASTM D 3363	F to 2H	F to 2H
Salt Spray, ASTM B117 - 1,000 and 2,000 Hours	Galvalume® or HDG: Creep from scribe ≤ 1/8 inch (3mm), none or few #8 blisters. Aluminum: Creep from scribe ≤ 1/8 inch (3mm), few #8 blisters	Galvalume® or HDG: Creep from scribe ≤ 1/8 inch (3mm), none or few #8 blisters. Aluminum: Creep from scribe ≤ 1/8 inch (3mm), few #8 blisters
South Florida Color, ASTM D 2244 Chalk, ASTM D 4214 Film Integrity, ASTM G7	Color: No more than 5ΔE Hunter units at 90° vertical angle and 6ΔE non-vertical at 20 yrs Chalk: Rating no less than 8 at 90° angle and 7 at non-vertical angle at 20 yrs Film Integrity: 25 years, no blisters, peeling or cracking	Color: No more than 5ΔE Hunter units at 90° vertical angle and 6ΔE non-vertical at 20 yrs Chalk: Rating no less than 8 at 90° angle and 7 at non-vertical angle at 20 yrs Film Integrity: 25 years, no blisters, peeling or cracking
Specular Gloss at 60°, ASTM D 523	20 to 80	<5 @ 60 Degrees
T-Bends, ASTM D 4145	2T to 4T ³ with no loss of adhesion	2T to 4T with no loss of adhesion

WEATHERXL TWO COAT SYSTEM

Two-coat SMP resin system with total Dry Film Thickness (DFT) of 0.9 to 1.1 mils.



**Color Coat: 0.7 - 0.8 mils Primer: 0.2 - 0.3 mils
Backer: 0.2 - 0.3 mils**

*American Architectural Manufacturers Association. **American Society for Testing and Materials.

For details and health, safety and handling information, Material Safety Data Sheets (MSDS) are available at www.valsparcoilextrusion.com.

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WeatherXL™

It's thinner than a strand of hair yet stands up to the wind, rain and blazing sun.

Maximum hardness against scratching in even the harshest conditions.

Colors you've come to expect, creating a colorful, lasting impression.

Stronger than ever, no matter what the weather.

Stands up to the harshest elements while preserving color and gloss.

Resists the toughest exterior and installation conditions

Created to withstand most 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.

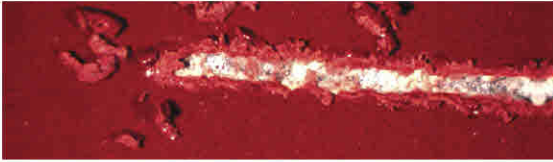
A choice of distinctive colors

Select from a wide palette of colors, from bright white to jet black. Many are available in Solar Reflective (SR) formulations to meet Energy Star® and LEED qualifications. These cool coating formulations help lower the overall temperature of the structures, enabling savings on energy costs, and while providing exceptional durability.

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Microscratch Test

Weather X™: After failure



Weather XL™: After failure



LESS
IRREVERSIBLE
DAMAGE



Developed to face everyday friction

To deliver extreme protection, we leveraged the science of tribology—the study of how surfaces interact in relative motion—to address the particular stress most likely to damage a panel between the fabricator and the finished building: abrasion. The results were outstanding, showing that WeatherXL™ can withstand the harshest conditions.

In a **Microscratch Test**, Valspar scientists used a diamond stylus to scratch the coating. Result: WeatherXL™ demonstrated better scratch resistance.

Performs beautifully in any number of settings

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

Backed by Valspar's unequalled service and technical support

- Unmatched lead times
- Highly responsive customer service
- The best technical support in the industry

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