

Fluropon® 70% PVDF Architectural Coil Coating Systems

Valspar® is chosen more often than any other brands of PVDF-based coatings. For PVDF exterior metal coatings systems, none is more trusted than our premium Fluropon family of coatings, which are fluoropolymer products containing 70% polyvinylidene fluoride (PVDF) resins. Field- and time- proven, they meet or exceed the most rigorous ASTM performance standards.

The long-lasting beauty of your project goes hand in hand with its durability. That's why all Fluropon coil coatings offer superior flexibility, formability and color consistency. Tremendous UV protection pairs with chalk and chemical degradation resistance with excellent adhesion to stand up against weathering for years to come.



Fluropon

Our flagship product. Its excellent performance is a direct result of Valspar's innovative technology — a two-coating formulation of fluoropolymer resin that continually exceeds performance needs while maintaining its color and durability.

Fluropon Classic II

When a pearlescent appearance is desired, this two-coat system delivers a subtle or bold sparkle appearance that adds a new dimension to your project.

Fluropon Classic

Take vibrancy to a new performance level with a special metallic effect color coat and a clear coat for added shine and protection, making this three-coat system gleam.

Fluropon Low Gloss

A low gloss finish is a unique exterior finish that gives your building a distinctively matte appearance.

Fluropon Low Sheen

A low sheen coating gives you a flat or "satin" finish. This two coat system will make your project stand out.

Fluropon Premiere

Need to make a statement with bold and bright colors? This three-coat system is designed to bring out depth and beauty of bright pigments with a clear coat for added protection.

Fluropon Solar Reflective (SR)

Fluropon SR contains solar-reflective pigments, offering durability that resists heat absorption and aids in structure cooling. Thousands of SR's energy efficiency coatings that meet ENERGY STAR®, LEED® and CRRC performance requirements.

BENEFITS

- Superior resistance to ultraviolet rays
- Outstanding color retention and consistency
- Excellent overall adhesion
- Great flexibility and formability
- High film integrity

SUBSTRATES

Coatings in the Fluorpon product family can be applied to a number of pre-treated substrates including; Galvalume® , aluminum, and Hot-Dipped Galvanized (HDG) steel.

COLORS

Our Fluorpon systems are available in a wide range of colors, sheens, gloss levels and special effects to achieve nearly any look you can dream up.

END USES

All Fluorpon family products are ideal for external use on monumental, commercial, residential structures and pre-engineered buildings, including:

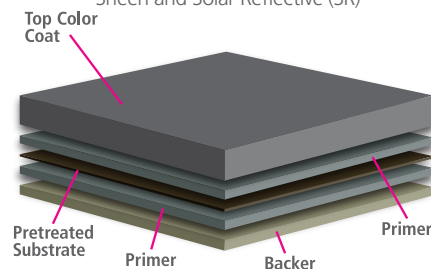
- Architectural and residential metal roofing systems
- Composite and insulated metal wall panel systems

COMMITMENT TO QUALITY. TECHNICAL DATA : FLUROPON FAMILY

	Fluorpon	Classic II	Classic	Low Gloss	Low Sheen	Premiere	Solar Reflective (SR)	
Our coatings are trusted and field proven through rigorous testing. Providing key benefits to our customers.	Coating System: 70% polyvinylidene fluoride (PVDF) fluoropolymer resin							
	Number of Coats: 2 coat		2 coat		3 coat		2 coat	
	Dry Film Thickness (DFT): DFT: 0.9 - 1.1 mils, TC: 0.7 - 0.8 mils, P: 0.2 - 0.3 mils, B: 0.3 - 0.4 mils		DFT: 1.0 mils, TC: 0.75 mils, P: 0.25 mils, B: 0.3 - 0.4 mils		DFT: 1.3 - 1.7 mils, Clear: 0.4 - 0.5 mils, TC: 0.7 - 0.9 mils, P: 0.2 - 0.3 mils, B: 0.3 - 0.4 mils		DFT: 1.1 mils, TC: 0.7 - 0.8 mils, P: 0.2 - 0.3 mils, B: 0.3 - 0.4 mils	
	Industry Specification Compliance: AAMA* 2605-13		AAMA 2605-13		AAMA 2605-13		AAMA 2605-13	
	Substrates: Applied to pretreated substrates: Galvalume®, Aluminum, and Hot-Dipped Galvanized (HDG) steel.							
Excellent scratch and mar resistance.	Abrasion Resistance, ASTM** D 968	65 ± 10 liters	65 ± 10 liters	65 ± 10 liters	65 ± 10 liters	65 ± 10 liters	65 ± 10 liters	
Superior coating adhesion to substrate.	Cross Hatch Adhesion, ASTM D 3359	Pass, no loss of adhesion						
First-class protection against heat-related damage.	Flame Test, ASTM E 84	Class A Coating	Class A Coating	Class A Coating	Class A Coating	Class A Coating	Class A Coating	
Outstanding resistance to graffiti.	Graffiti Resistance, ASTM D 6578 / D 6578M	Meets and exceeds	Meets and exceeds	Meets and exceeds	Meets and exceeds	Meets and exceeds	Meets and exceeds	
Amazing protection against corrosion caused by humidity and water.	Humidity Resistance, ASTM D 2247, 100% RH @ 100° F - 2,000 Hours	Galvalume or HDG: No field blisters						
	100% RH @ 100° F - 3,000 Hours	Aluminum: No field blisters						
Provides long-lasting durability against nature.	Impact Resistance (direct) ASTM D 2794	Galvalume or HDG: 2x metal thickness inch-pounds, no loss of adhesion. Aluminum: 1.5x metal thickness inch-pounds, no loss of adhesion.						
Excellent protection against scratches.	Pencil Hardness, ASTM D 3363	HB to 2H	HB to 2H	HB to H	HB to 2H	HB to 2H	HB to 2H	
Tremendous protection against corrosion.	Salt Spray, ASTM D 1654, 1,000 Hours	Galvalume or HDG: Creep from scribe ≤ 1/16" (2mm), no field blisters.		Galvalume or HDG: Creep from scribe ≤ 1/32" (1mm), no blisters		Galvalume, HDG or Aluminum: Creep from scribe ≤ 1/16" (2mm), no field blisters.		
	3,000 Hours	Aluminum: Creep from scribe ≤ 1/16" (2mm), no field blisters.		Aluminum: Creep from scribe ≤ 1/32" (1mm), no field blisters		Aluminum: Creep from scribe ≤ 1/16" (2mm), no field blisters.		
Exceptional resistance to UV rays, color retention and high film integrity.	South Florida Color, ASTM D 2244, Chalk, ASTM D 4214, Film Integrity, ASTM G7	Color: No more than 5Δ Hunter units at 20 years, Chalk: Rating no less than 8 at 20 years, Film Integrity: 25 years						
Multiple gloss levels, to provide the finish you desire.	Specular Gloss at 60°, ASTM2 D 523	20 to 35	15 to 30	30 to 40	8 to 15	10° maximum	30 to 40	
Great flexibility and formability during the manufacturing process.	T-Bends, ASTM D 4145	1T-3T, no loss of adhesion	0T-2T, no loss of adhesion	0T-2T, no loss of adhesion	0T-2T, no loss of adhesion	0T-3T, no loss of adhesion	0T-3T, no loss of adhesion	

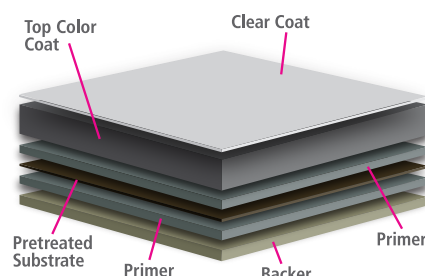
FLUROPON TWO COATING SYSTEM

Two coat systems: Fluorpon, Classic II, Low Gloss, Low Sheen and Solar Reflective (SR)



FLUROPON THREE COATING SYSTEM

Three coat systems: Classic and Premiere



*American Architectural Manufacturers Association's. **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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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.

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