

# ENDLESS POSSIBILITIES IN JUST TWO COATS

Our obsession with color is only matched by our obsession with innovation. That's why we formulated Fluropon Continuum, a revolutionary two-coat, 70% PVDF metal coating for coil and extrusion applications.

Fluropon Continuum is a metal coating system for curtain walls, louvers and sunshades, and other aluminum extrusions. To develop a superior-performing two-coat system, scientists tapped into extensive real-world weathering data points from our state-of-the-art testing facility in South Florida. For decades, thousands of two-coat panels have been subjected to the most extreme weather conditions of UV exposure, heat and humidity. The result? A two-coat system that's proven to perform equal to or better than a three-coat system.

## INNOVATION YOU EXPECT

Unlike traditional metal coating systems, Fluropon Continuum requires just two coats. Its proprietary formula eliminates the need for a clearcoat by delivering weathering performance and sparkle equal to traditional three-coat systems.

## PERFORMANCE YOU CAN TRUST

Fluropon Continuum's weathering performance matches traditional three-coat systems. We are so confident in its performance that we're offering a 25-year warranty for chalk, fade, and film integrity for extrusion applications.

## COLOR THAT TURNS HEADS

We've expanded beyond traditional silvers, golds and champagnes into new color spaces that have never before been achieved in metallic systems including bright, vibrant reds, greens and blues.

## END USES

- Curtain walls
- Window and door frames
- Post-painted panels
- Louvers and sunshades



**SHERWIN-WILLIAMS.**  
Coil Coatings

To learn more, visit [www.coil.sherwin.com/continuum](http://www.coil.sherwin.com/continuum)  
or call (866) 351-6900.

## FLUROPON CONTINUUM EXTRUSION COATING SYSTEM

Number of Coats	Dry Film Thickness (DFT)		Total DFT:	Specular Gloss 60°
	Meet or exceed 1.2 mils total			+/-5 units of manufacturer's specification
	Primer	Color Coat		
2-Coat	0.3-0.5 mils	1.2-1.5 mils	1.5-2.0 mils	Standard: 15-25 Low Gloss: 5-15

## FLUROPON PERFORMANCE TESTING

Industry Specifications Compliance	AAMA <sup>1</sup> 2605 Requirements	Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels
Substrates	Pretreated aluminum panels and extrusions	

## PHYSICAL TESTING

### ASTM<sup>2</sup> TEST METHOD

### AAMA 2605 REQUIRED TEST RESULT

Falling Sand Abrasion	ASTM D968	65 ± 10 liters
Film Adhesion (Dry, Wet, Boiling Water)	ASTM D3359	No removal of film under tape in the cross-hatched area
Surface Burning Characteristics	ASTM E84	Flame Spread Index: Class A. Smoke Developed Index: Class A
Humidity Resistance	ASTM D2247/D714: 100% RH at 100°F for 4,000 Hours	Rating 8: No more than few field blisters at 4000 hours, 100% Humidity, 100° F
Impact Resistance	ASTM D2794	Direct impact minimum deformation 3 mm +/- 0.3 mm No removal of film from substrate
Pencil Hardness	ASTM D3363	F Minimum, Berol Eagle Turquoise
Cyclic Corrosion	ASTM G85, Annex 5: 2,000 Hours	Creep from scribe or edge no more than 1/16th" (2mm) Rating 7: Field Blister Rating: 8
Chemical Resistance	Mortar Resistance (ASTM C207), Muriatic Acid (AAMA 2605-17 Sec. 8.7.1), Nitric Acid (ASTM D2244), Detergent Resistance (ASTM D2244), and Window Cleaner (AAMA 2605-17 Sec. 8.7.5)	No loss of adhesion, blistering or visually apparent change after exposure

## SOUTH FLORIDA EXPOSURE TESTING

### ASTM TEST METHOD

### AAMA 2605 REQUIRED TEST RESULT

Atmospheric Environmental Exposure Testing of Non-Metallic Materials	ASTM G7	45-degree southern exposure for panel racking
Color	ASTM D2244	No more than 5Δ Hunter units at 10 years
Chalk	ASTM D4214	Number 8 rating for colors, number 6 rating for whites at 10 years
Gloss Retention	ASTM D523	50% minimum gloss retention at 10 years
Erosion Resistance	AAMA 2605-17 Sec 8.9.1.5	10% maximum film loss at 10 years

<sup>1</sup>American Architectural Manufacturers Association. <sup>2</sup>American Society for Testing and Materials.

For details and health, safety and handling information, Material Safety Data Sheets (MSDS) are available at [extrusion.sherwin.com](http://extrusion.sherwin.com). Fluropon® is a registered trademark of Sherwin-Williams.

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