



A TRUE FORMULA FOR AFFORDABILITY

Flurocryn™ is a solventborne, baked, one-coat enamel system made of 25% PVDF resins that meets the voluntary performance specification AAMA 2603. This factory-applied coating provides exceptional hardness and mar resistance, making it ideal for high-wear interior spaces, plus exteriors with lower UV exposure.

BENEFITS

- Outstanding color retention and consistency
- Excellent overall adhesion
- Meets or exceeds the hardness of other acrylic, polyester, and urethane coatings, including powder coating alternatives

COLORS AND GLOSS

Sherwin-Williams' Flurocryn™ coating is available in a wide range of colors, gloss levels, and special effects to achieve nearly any look you can dream up.

SUBSTRATES

May be applied to pretreated aluminum panels and extrusions

END USES

Super-hard AAMA 2603 coating makes Flurocryn ideal for commercial or residential building interiors. It's also suitable for exterior applications in low-UV areas.

- Stadium seating
- Architectural interior panels
- Architectural interior extrusions

25% PVDF COATING SYSTEM

Number of Coats	Dry Film Thickness (DFT)	Total DFT	Specular Gloss 60°
	Color Coat		+/-5 units of manufacturer's specification
1-Coat	0.8-1.3 mils	0.8-1.3 mils	Standard: 25-65

FLUOROCRYL™ PERFORMANCE TESTING

Industry Specifications Compliance	AAMA 2603-17 Requirements	Voluntary Specification, Performance Requirements, and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels
Substrates	Pretreated aluminum panels and extrusions	—

PHYSICAL TESTING

ASTM¹ TEST METHOD

AAMA² 2603-17 REQUIRED TEST RESULT

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: 100% Relative Humidity at 100° F for 1,500 hours ASTM D2247, ASTM D714	Rating 8: No more than "Few" field blisters at 1,500 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	H Minimum, Berol Eagle Turquoise
Corrosion	ASTM B117: 1,500 hours	Creep from scribe or edge no more than 1/32nd to 1/16th inch (1 – 2mm) Minimum Rating 7: Field Blister Rating: 8
Chemical Resistance	Mortar Resistance (ASTM C207), Muratic Acid (AAMA 2603-17 Sec. 8.6.1), and Detergent Resistance (ASTM D2248)	No loss of adhesion, blistering, or visually apparent change after exposure. No loss of adhesion of film to metal

SOUTH FLORIDA EXPOSURE TESTING

ASTM TEST METHOD

AAMA 2603-17 REQUIRED TEST RESULT

Atmospheric Environmental Exposure Testing of Non-Metallic Materials	ASTM G7	45 degree southern exposure for panel racking.
Outdoor Exposure	None	No checking, crazing, or loss of adhesion after taping. Only slight chalking and fading.

¹American Society for Testing and Materials

²American Architectural Manufacturers Association's

For details and health, safety and handling information, Material Safety Data Sheets (MSDS) are available at coil.sherwin.com. Fluorocryl™ is a registered trademark of Sherwin-Williams.

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