



Acrynar®



# Two-coat extrusion system



PPG ACRYNAR® extrusion coating is a high-performance, two-coat system featuring a patented primer and a durable color coat. This spray-applied, solventborne blend of 50% fluoropolymer and 50% acrylic resins leverages PPG's proprietary resin and pigment technologies to deliver strength and lasting color. Engineered to meet FGIA/AAMA 2604 performance standards, *Acrynar* coatings provide a hard, ultra-durable smooth finish with excellent mar and weather resistance. Ideal for demanding architectural environments, *Acrynar* is the trusted choice for storefronts, schools, hospitals and high-rise buildings.

## Benefits



Full color palette allows for design differentiation



Value engineered for economical performance



Hard finish suitable for high-traffic settings



Increases throughput and lowers process costs with application similarities to PPG DURANAR® offerings

### Suggested industries

Architectural building products

Aluminum extrusions

### Suggested end uses

Plate aluminum

Brake metal

Storefronts

### Specifications

FGIA/AAMA 2604

### Chemistry

Fluoropolymer

## Specifications

Colors Available <sup>1</sup>		A wide range of solid colors and pearlescents
Dry Film Thickness	ASTM D7091	0.2 mil min primer/1.0 mil min color coat
Gloss	ASTM D523 at 60°F	Low and medium
Pencil Hardness	ASTM D3363	F min.
Cross Hatch Adhesion	ASTM D3359, 1/16" wet and dry	Excellent - No removal
Direct Impact	ASTM D5420, 1/10" distortion	Excellent - No removal
Abrasion Sand Falling	ASTM D968	40 l/mil
Abrasion Resistance	ASTM D1308 10% muriatic acid spot test	15 minutes - No attack
Akali Resistance	Mortar pat test 100% relative humidity at 100°F	24 hours - No attack
Detergent Resistance	ASTM D2248, 3% immersion at 100°F	72 hours - No attack
Salt Spray Resistance <sup>3</sup>	ASTM B117, 3000 hrs. 5% NaCl at 95°F	1/16" maximum undercutting
Humidity Resistance	ASTM D714 ASTM d2247, 3000 hrs. 100% relative humidity at 100%°F	Up to few #8 blisters maximum
Exterior Exposure	ASTM G7/G7M 5 yrs. at 45°F, South Florida Film Integrity Gloss Retention	ASTM D2244, Maximum 5ΔE color change ASTM D4214, Maximum 8 chalk rating Very Good Greater than 30%

<sup>1</sup>The range of color availability will vary depending upon exposure requirements and architect specifications

<sup>2</sup>For more critical applications, a primer/topcoat system and greater film thicknesses may be recommended. Consult PPG specialists for recommendation when developing specifications.

<sup>3</sup>Corrosion performance is dependent on properly cleaned and pretreated substrate

These test results are based on methods believed to be correct and were performed on laboratory prepared panels. This document is not a guarantee of future performance

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