



Solventborne acrylic extrusion topcoats



Time-tested FGIA/AAMA 2603 performance

For over 45 years, PPG DURACRON® single-coat, spray-applied extrusion coatings have been trusted for use in a variety of institutional, residential and interior architectural applications.

Formulated with thermoset acrylic resin technology, they meet FGIA/AAMA 2603 specifications for performance in quality aluminum extrusion finishes.

Available in a variety of glosses and a broad palette of solid colors and pearlescent, metallic and textured finishes, *Duracron* coatings can also be custom formulated to match our world-famous PPG DURANAR® fluoropolymer coatings colors, giving you the ability to harmonize interior and exterior architectural coatings in monumental building applications.

Suggested industries

Building products

Extrusions

Suggested end uses

Interior curtain walls and extrusions

Window and door frames

Railings

Trim

Specifications

FGIA/AAMA 2603

The PPG Benefit



Full color palette, including effects and textures



Tough finish stands up to handling, installation and high-traffic usage



Wide gloss level range expands design options (15-70)



One-coat system may increase throughput and decrease process cost



Value engineered for economical performance



Product Characteristics	Test Standard	Results
Color	—	White, black, and a full range of colors including metallics and pearlescents
Gloss @60°	ASTM D523	Colors: high, medium and low gloss Polychromatics: medium and low gloss
Dry Film Thickness	ASTM D7091	1.0 ± 0.2 mils, 0.8 mil minimum ²
Substrates	—	Aluminum

Performance Properties*	Test Standard	Results
Adhesion	ASTM D3359	Excellent - no removal
Pencil Hardness	ASTM D3363	H minimum
Direct Impact Resistance	ASTM D5420	Excellent - no removal
Fabrication	—	Excellent – withstands punching, cutting and drilling
Acid Resistance	ASTM D1308 10% muriatic acid spot test	15 minutes - no attack
Alkali Resistance	Mortar pat test, 100% relative humidity @ 100° F (38° C)	24 hours - no attack
Detergent Resistance	ASTM D2248, 3% immersion @ 100° F (38° C)	72 hours - no attack
Humidity Resistance	ASTM D714, ASTM D2247 1,500 hours 100% relative humidity @ 100° F (38° C)	Pass Blister rating - 8 maximum
Exterior Exposure	ASTM G7/G7M 1 Year @ 45°, South Florida	No loss of adhesion ASTM D2244, Maximum 8ΔE fade ASTM D4214, Maximum 6 chalk rating

¹ The range of color availability will vary depending upon exposure requirements and architect specifications.

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

³ Corrosion performance is dependent on properly cleaned and pretreated substrate.

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