



One-coat high-solids liquid coating for extrusions

PPG POLYCRON[®] III extrusion coatings are one-coat, high-solids polyester coatings engineered for interior and residential aluminum extrusions.

Spray-applied and oven-cured, *Polycron III* coatings meet FGIA/AAMA 2603 performance standards for good film integrity, color control and resistance to impacts and marring.

Engineered for durability and economy, *Polycron III* extrusion coatings are available in a broad palette of solid colors as well as pearlescent and metallic formulations. They can be formulated with a textured finish.

Key Benefits



High solids, low VOC formulation



Can be applied over inhibitive primers to enhance corrosion resistance for coastal or industrial environments



Good film integrity, color control and impact resistance



Can be formulated in solid, mica, metallic and textured finishes

Suggested industries

- Interior architectural extrusions
- Residential applications

Suggested end uses

- Window and door frames
- Railings
- Trim

Specification

FGIA/AAMA 2603

Chemistry

Polyester

Polycron III Specifications

Colors Available ¹		White, black, and a full range of colors including metallics and pearlescents, plus polychromatics
Dry Film Thickness	ASTM D1400	1.0 ± 0.2 mil - 0.8 mil min. ²
Gloss	ASTM D523 at 60°	Colors: high, medium and low gloss/Polychromatics: medium and low gloss
Pencil Hardness	ASTM D3363	H min.
Cross Hatch Adhesion	1/16" wet and dry	Excellent - No Removal
Direct Impact	1/10" distortion	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 at 100°F	24 hours - No attack
Detergent Resistance	3% immersion at 100°F	72 hours - No attack
Salt Spray Resistance	ASTM B117, 1500 hrs. 5% NaCl at 100°F	1/16" max. undercutting
Humidity Resistance	ASTM D714, ASTM D2247, 1500 hrs.	Few #8 blisters max.
Exterior Exposure	1 yr. at 45°, South Florida	No loss of adhesion Max. 8 fade Max. 6 chalk

¹The range of color availability will vary depending upon exposure requirements and architects' specifications

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

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