



### PRODUCT DESCRIPTION

POLYCRON extrusion coatings are spray-applied, one-coat systems which are recommended for use in a variety of transportation, institutional, residential, and interior architectural applications. Based on high-solids polyester resin technology, their low VOC & HAP's compliant formulations are designed to meet increasingly restrictive environmental regulations.

For architectural applications, POLYCRON extrusion coatings meet the physical test requirements of AAMA 2603 specifications.

### SYSTEM OVERVIEW

POLYCRON extrusion coatings add beauty and durability to a wide range of products in the transportation and residential markets. Their high-solids polyester formulations provide comparable performance to the time-tested PPG DURACRON<sup>®</sup> thermosetting acrylic extrusion coatings which have become

the standard in quality aluminum extrusion finishes over the past 35 years.

POLYCRON extrusion coatings are available in a broad palette of solid colors as well as pearlescent and metallic formulations. The coatings may also be formulated with a textured finish.

### COMMERCIAL USES

POLYCRON extrusion coatings are recommended for use in transportation applications such as RV components as well as for institutional, residential, and interior architectural applications including window

and door frames, railings, and trim. However, they are not recommended for exterior use on monumental buildings or high-rise curtainwalls.

### DURABILITY

POLYCRON extrusion coatings meet AAMA 2603 specifications and offer good film integrity, color control, and mar resistance. They must be factory applied to properly cleaned and pretreated aluminum

for optimum performance. POLYCRON extrusion coatings can also be applied over inhibitive primers to enhance their corrosion resistance for use in coastal or industrial environments.

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<b>POLYCRON SPECIFICATIONS</b>	
<b>Colors Available<sup>1</sup></b>	A full range of colors including metallics and pearlescents
<b>Dry Film Thickness</b> ASTM D1400	1.0 ± 0.2 mil — 0.8 mil min. <sup>2</sup>
<b>Gloss</b> ASTM D523 @ 60°	Colors: high, medium, & low gloss Polychromatics: medium & low gloss
<b>Pencil Hardness</b> ASTM D3363	H min.
<b>Cross Hatch Adhesion</b> 1/16" wet and dry	Excellent — No removal
<b>Direct Impact</b> 1/10" distortion	Excellent — No removal
<b>Fabrication</b>	Excellent — Withstands punching, cutting, & drilling
<b>Acid Resistance</b> ASTM D1308 10% muriatic acid spot test	15 minutes — No attack
<b>Alkali Resistance</b> Mortar pat test 100% relative humidity @ 100°F	24 hours — No attack
<b>Detergent Resistance</b> 3% immersion @ 100°F	72 hours — No attack
<b>Salt Spray Resistance</b> ASTM B117, 1500 hrs. 5% NaCl @ 100°F	1/16" max. undercutting
<b>Humidity Resistance</b> ASTM D714, ASTM D2247, 1500 hrs. 100% relative humidity @ 100°F	Few #8 blisters max.
<b>Exterior Exposure</b> 1 yr. @ 45°, south Florida	No loss of adhesion Max. 8 fade Max. 6 chalk

<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 coating specialists for recommendation when developing specifications.

**POLYCRON WARRANTY INFORMATION**

PPG offers a comprehensive warranty on POLYCRON extrusion coatings. For complete warranty information and a copy of the POLYCRON extrusion coatings warranty, please call PPG at **1-800-258-6398**.

