



PRODUCT DESCRIPTION

DURACRON extrusion coatings are spray-applied, one-coat systems which are recommended for use in a variety of transportation as well as institutional, residential, and interior architectural applications. Based on thermosetting acrylic resin technology, they provide the benchmark of performance in quality aluminum extrusion finishes. For architectural applications, DURACRON extrusion coatings meet or exceed the physical test requirements of AAMA 2603 specifications.

SYSTEM OVERVIEW

DURACRON extrusion coatings add beauty and durability to a wide range of products in the transportation and architectural markets. Their time-tested performance over the past 30 years has made them the standard in quality aluminum extrusion finishes.

DURACRON 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

DURACRON 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. Additionally, DURACRON extrusion coatings can be custom formulated to match all PPG DURANAR[®] coatings colors.

DURABILITY

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

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



DURACRON SPECIFICATIONS	
Colors Available¹	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 @ 60°	Colors: high, medium, & low gloss Polychromatics: medium & 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, & drilling
Acid Resistance ASTM D1308 10% muriatic acid spot test	15 minutes — No attack
Alkali Resistance Mortar pat test 100% relative humidity @ 100°F	24 hours — No attack
Detergent Resistance 3% immersion @ 100°F	72 hours — No attack
Salt Spray Resistance ASTM B117, 1500 hrs. 5% NaCl @ 100° F	1/16" max. undercutting
Humidity Resistance ASTM D714, ASTM D2247, 1500 hrs. 100% relative humidity @ 100°F	Few #8 blisters max.
Exterior Exposure 1 yr. @ 45°, south Florida	No loss of adhesion Max. 8 fade Max. 6 chalk

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

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

DURACRON WARRANTY INFORMATION

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

