



PRODUCT DESCRIPTION

ENVIROCRON® 03 durable architectural extrusion powder coatings are spray-applied, one-coat systems which are recommended for use in institutional, residential, interior and limited exterior architectural applications. Based on thermosetting polyester resin technology, they provide a combination of good physical and chemical resistance properties. For architectural applications, ENVIROCRON 03 durable architectural extrusion powder coatings are designed to meet the physical test requirements of AAMA¹ 2603 specifications.

SYSTEM OVERVIEW

ENVIROCRON 03 durable architectural extrusion powder coatings add beauty and durability to a wide range of aluminum components in the architectural markets. These polyester formulations are designed to provide comparable performance to the time-tested PPG DURACRON® and POLYCRON® thermosetting liquid extrusion coatings which have become the

standard in quality aluminum extrusion finishes over the past 30 years. ENVIROCRON 03 durable architectural extrusion powder coatings are available in a broad palette of solid colors as well as pearlescent formulations. These coatings may also be formulated with a textured finish.

COMMERCIAL USES

ENVIROCRON 03 durable architectural extrusion powder coatings are recommended for use in institutional, residential, and interior and exterior architectural applications including window and door frames, railings, and trim. In addition, they

are an excellent choice for interior applications for monumental buildings and curtainwall. These coatings are also ideal for specialty applications like R.V. components.

DURABILITY

ENVIROCRON 03 durable architectural extrusion powder coatings are designed to meet AAMA 2603 specifications and offer good film integrity, color control, impact

and mar resistance. They must be factory applied to properly cleaned and pretreated aluminum.



ENVIROCRON 03 SPECIFICATIONS	
Colors Available²	A wide range of solid colors and pearlescents
Dry Film Thickness ASTM D1400	2.5 mils ± 0.5 Apply 2 mils minimum
Gloss ASTM D523 @ 60°	High, medium, & low gloss
Pencil Hardness ASTM D3363	H minimum
Cross Hatch Adhesion 1/16" grid	Excellent – No removal
Direct Impact 1/10" distortion	Excellent – No removal
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" maximum undercutting
Humidity Resistance ASTM D714 ASTM D2247, 1500 hrs. 100% relative humidity @ 100°F	Few #8 blisters maximum
Exterior Exposure³ 1 year @ 45°, South Florida	No loss of adhesion Maximum 8 fade Maximum 6 chalk

¹ American Architectural Manufacturers Association, Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels. Publication No. AAMA 2603

² The range of color availability will vary depending upon exposure requirements and architects' specifications.

³ While this coating has been formulated with the intent to meet the specifications in AAMA 2603, completed testing regarding South Florida Weathering requirements does not exist for all colors.

ENVIROCRON 03 WARRANTY INFORMATION

PPG offers a comprehensive warranty on ENVIROCRON 03 durable extrusion powder coatings. For complete warranty information and a copy of the ENVIROCRON 03 durable extrusion powder coatings warranty, please call PPG at **1-800-258-6398**.

