



PRODUCT DESCRIPTION

DURANAR fluoropolymer extrusion coatings are two-coat systems consisting of a patented primer and a durable color coat. They combine PPG proprietary resin and pigment technologies with 70% of the resin system being fluoropolymer base resins. For more than 25 years DURANAR extrusion coatings have demonstrated proven performance on exterior aluminum surfaces. They are highly resistant to chalking, fading, chipping, and peeling when properly applied by an approved applicator. DURANAR coatings resist dirt collection and chemical staining, and can significantly reduce maintenance and restoration costs over time. They exceed AAMA 2605 performance specifications and are the architectural extrusion coatings of choice when exceptional durability and performance are required.

SYSTEM OVERVIEW

DURANAR extrusion coatings provide outstanding durability and performance in a variety of exterior architectural applications. During 25 years of use they have gained widespread acceptance due to their proven, coater-friendly application properties. This two-coat system can be applied “wet-on-wet” with a nominal coating thickness of 0.25 mil primer and 1.0 mil minimum topcoat.

DURANAR coatings provide exceptional aesthetics. They are available in a wider range of more stable colors and offer greater color consistency panel to panel than anodic finishes. Unlike anodized coatings, DURANAR coatings are extremely inert, resisting chemical attack and surface damage caused by acid rain, salt deposits, mortar deposits, humidity, and graffiti. DURANAR coatings can also be repaired in the field if damaged.

COMMERCIAL USES

DURANAR spray-applied extrusion coatings are formulated to provide the ultimate performance against weathering in environments where added protection against industrial or seacoast influences such as corrosive chemicals, salt spray, etc. is not required.

(DURANAR XL coatings are recommended for these environments.) The two-coat DURANAR system is the coating of choice for use on pre-formed aluminum components such as storefronts, curtainwalls, windows, and louvers.

DURABILITY

DURANAR coatings are chemically inert, providing outstanding resistance against color and gloss fade, and environmental stress such as acid rain and ultraviolet attack. All pigments are tested for a minimum of ten years in south Florida prior to approval for use in any

DURANAR coating system. Additionally, DURANAR coatings are tested at exposure sites throughout the world in all types of climatic and industrial conditions to ensure the coatings' performance and durability.

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DURANAR SPECIFICATIONS	
Colors Available	White, black, and a range of selected colors and polychromatics
Dry Film Thickness ASTM D1400	0.25 ± 0.05 mil primer 1.0 mil min. color coat
Gloss ASTM D523 @ 60°	Low & medium gloss
Pencil Hardness ASTM D3363	F min.
Cross Hatch Adhesion 1/16" wet and dry	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, 4000 hrs. 5% NaCl @ 100°F	1/16" max. undercutting
Humidity Resistance ASTM D714, ASTM D2247, 4000 hrs. 100% relative humidity @ 100°F	Few #8 blisters max.
Exterior Exposure 10 yrs. @ 45°, south Florida ASTM D2244 ASTM D4214 ASTM B244 (Erosion)	Max. 5 fade Max. 8 chalk Max. 5% film loss

DURANAR WARRANTY INFORMATION

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

