



PPG Extrusion Coatings

DURANAR[®] COATINGS

PRODUCT DATA

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 40 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 meet AAMA 2605 performance specifications and are the architectural extrusion coatings of choice when exceptional durability and performance are required.



PROGRESS DOORS

SYSTEM OVERVIEW

DURANAR extrusion coatings provide outstanding durability and performance in a variety of exterior architectural applications. Commercialized over 40 years ago, they have gained worldwide recognition as the leader in high performance, low maintenance coatings. Its coater friendly application properties allows the two-coat system to 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 wide range of earthtone colors and offer excellent color consistency panel to panel compared to anodic finishes. 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’ outstanding performance and durability.

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CERTIFIED APPLICATORSM PROGRAM



DURANAR SPECIFICATIONS	
Colors Available	White, black, and a range of selected colors
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	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" maximum undercutting
Humidity Resistance ASTM D714, ASTM D2247, 4000 hrs. 100% relative humidity @ 100°F	Up to few #8 blisters maximum
Exterior Exposure 10 yrs. @ 45°, south Florida ASTM D2244 ASTM D4214 ASTM B244 (Erosion)	Maximum 5ΔE color change Maximum 8 chalk rating Maximum 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**.

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