



PRODUCT DESCRIPTION

DURANAR SUNSTORM fluoropolymer extrusion coatings are two-coat systems consisting of a patented primer and a durable color coat containing mica pearlescent flakes. DURANAR SUNSTORM coatings provide a metalescent look without the use of aluminum flakes which require a clear topcoat. The coatings combine PPG proprietary resin and pigment technologies with 70% of the resin system being fluoropolymer base resins. DURANAR SUNSTORM coatings demonstrate proven performance on exterior aluminum surfaces, and are highly resistant to chalking, fading, chipping, and peeling when properly applied by an approved applicator. The coatings are also resistant to dirt collection and chemical staining. They meet AAMA 2605 specifications and provide exceptional durability and performance in exterior applications.

SYSTEM OVERVIEW

DURANAR SUNSTORM extrusion coatings offer outstanding performance and durability in a variety of exterior applications where a metallic or metalescent look is desired for aesthetic purposes. With over 20 years of exposure data backing its performance, this two-coat system provides a combination of value, durability, and brilliant appearance

in a wide range of colors ranging from white pearlescent to copper, silver, and gold. (A complete list of colors is available from your PPG coatings representative.) DURANAR SUNSTORM two-coat systems can be applied “wet-on-wet” with nominal coating thicknesses of 0.25 mil primer and 1.0 mil minimum topcoat.

COMMERCIAL USES

DURANAR SUNSTORM spray-applied extrusion coatings are formulated to provide exceptional performance against weathering in all environments. (Where added protection against industrial or seacoast influences such as corrosive chemicals, salt spray, etc. are required,

DURANAR XL coatings are recommended.) The two-coat DURANAR SUNSTORM coating is an excellent choice for use on pre-formed aluminum components such as storefronts, curtainwalls, windows, and louvers.

DURABILITY

DURANAR SUNSTORM coatings are chemically inert, providing outstanding resistance against color and gloss fade as well as 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 SUNSTORM coating system. Additionally, DURANAR SUNSTORM 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 SUNSTORM SPECIFICATIONS	
Colors Available	A range of pearlescent 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
Abrasion - Falling Sand ASTM D968	40 - 70 l/mil
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 SUNSTORM WARRANTY INFORMATION

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

