

Durapon 70 PVDF Fluorocarbon

Premium Coil Coating

Durapon 70 is based on a unique Proprietary Resin System that incorporates 70% Polyvinylidene Fluoride (PVDF). Designed as a premium finish to provide outstanding protection from acid rain and corrosive environments, **Durapon 70** coatings provide excellent color retention and resistance to chalking and fading for a long lasting finish.

Available in a wide variety of colors, including metallic and exotic finishes, **Durapon 70** incorporates high quality exterior grade and durable, color fast ceramic pigments. An efficient custom color matching process provides quick delivery of special colors to meet customer needs. The use of mica pigments in the metallic colors eliminates the need for a clear overcoat.

Durapon 70 is designed for application to Hot Dipped Galvanized, Zinc-Aluminum Alloy Steel (i.e. Zinalume®, Galvalume®) and Aluminum substrates. **Durapon 70** is a fully Warranted coating system designed to be applied as two-coat primer/finish systems by certified applicators. **DC477 Global Primer** or DC425Y-7 Urethane primer should be utilized to provide exceptional corrosion protection.

Our special base resin resists dirt pick up and provides a durable tough finish that is extra scratch, stain, and mar resistant. New low gloss/sheen textured systems which provide improved abrasion resistance and a "natural look" are now also available for demanding applications like residential roof shingles.

Durapon 70 can be formulated with ceramic IR reflective pigmentation to meet High and Low Slope Energy Star specifications and is excellent for many building product end uses such as roofing panels, building panels, soffit, roof profiles and other exterior applications that require a high quality long lasting exterior finish.

Performance Characteristics

SPECIFICATION	TEST	RESULTS
ASTM D 523	60° Specular Gloss	3 – 45°
ASTM D 3363	Pencil Hardness	F – 2H
ASTM D 4145	Post Forming 180° Bend	1-T to 2-T
ASTM D 2794	Reverse Impact, 60 in-pounds	Passes
ASTM G 53	Q.U.V. Weatherometer, 3000 hrs.	Passes
ASTM D 2247	Humidity, 1000 hrs @ 100°F and 100% Humidity	Passes
ASTM B 117	Salt Spray 1000 hrs. 5% Salt	Passes
ASTM D 2244	Weathering, color retention	Passes
ASTM D 4214	Weathering, chalk resistance	Passes
		Gardner 60° meter or equivalent
		No break in the film
		No pick off with Scotch #610 tape
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		No objectionable chalking per ASTM D-659, color change per ASTM D-2244, or blistering per ASTM D-714
		Less than 5% No. 8 size blisters
		Less than 5% No. 6 size blisters and less than 1/8" creep or tape off from scribe, per ASTM D-1654
		45 degrees So. Fla. No objectionable, color change or blistering
		45 degrees So. Fla. No objectionable gloss loss or Chalking.

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