

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

Form 1030September 2007