



PRODUCT BULLETIN

**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 on 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 DC4525Y-7 Urethane primer hold 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 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. |