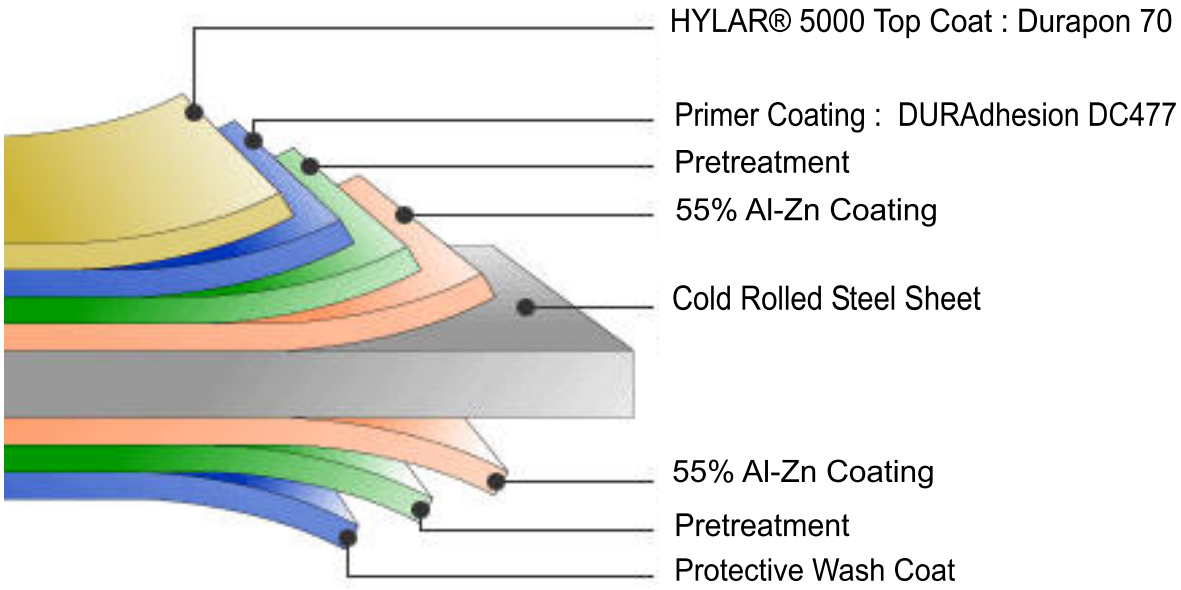
RARE MANUFACTURING INC.
Lightweight Metal Roofing

OUR PREMIUM COATING SYSTEM

HYLAR® 5000 also known as PVDF is a fluoropolymer resin that comprises a minimum of 70% of our paint finish. This paint finish is factory-applied and oven-baked, onto our anti-corrosive steel. This combination produces a tough, flexible, strongly bonded finish with exceptional formability that allows colorful architectural expressions in virtually any shape. Underneath our paint finish are several important layers of protection as detailed in the diagram below:



19154 – 95A Avenue, Surrey, B.C. V4N 4P2 ● Tel: 604-882-2888 ● Fax: 604-882-2887
Toll free: 1-866-316-7273 ● www.raremanufacturing.com

DURA COAT PRODUCTS INC

Durapon 70

DuPont™ Teflon® surface protector

PRODUCT BULLETIN

Durapon 70 PVDF Fluorocarbon

Premium Coil Coating

Durapon 70 is based on a unique Proprietary Resin System that incorporates 70% Polyvinylidine 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. Zincalume®, 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 1030 December 2005

Dura Coat Products Inc. 5361 Via Ricardo, Riverside, CA 92509 * Tel (951) 341-6500 * Fax (951) 341-6505
26655 Peoples Rd. Huntsville, AL 35756 * Tel (256) 350-4300 * Fax (256) 353-9873
Web Site: www.duracoatproducts.com E-mail: info@duracoatproducts.com

DURA COAT PRODUCTS INC

DURAdhesion

DC477 GLOBAL PRIMER SYSTEM

PRODUCT BULLETIN

Dura Coat's ***DURAdhesion*** DC477 Global Primer is a multi-purpose coil coating primer system designed to adhere to most difficult metal substrates. Its versatile substrate compatibility, ease of application and exceptional cure window make it ideal for coil coating operations which process a wide variety of chemtreated and/or difficult to paint metal. ***DURAdhesion*** primer provides an excellent balance of both physical properties and application characteristics, designed to meet or exceed the requirements of the demanding modern day coil coating market.

DURAdhesion primer provides excellent inter-coat adhesion with topcoats from polyesters, and acrylics, to fluorocarbons and may be applied over properly cleaned Aluminum, Cold Rolled Steel, HDG, Galvalume ® as well as many other specialty substrates. Its flexibility and special corrosion protection package provide outstanding corrosion resistance on cut edges and tightly formed bends.

When combined with a high quality top coat, this commercially proven primer is excellent for such critical applications as HVAC and Building Products, and because of its excellent flexibility allows the use of harder topcoat finishes making it ideal for many challenging end uses. Its unique surface characteristics also make the ***DURAdhesion*** primer an excellent choice for primed-only applications where post painting adhesion and performance is of the essence. DC477 can very effectively be cured with **NIR** oven technology.

DURAdhesion Primer designed to help you paint more and worry less.

PERFORMANCE CHARACTERISTICS

SPECIFICATION	TEST		Results
ASTM D-523	60° Specular Gloss	10-25°	Gamer 60° meter or equivalent
NCCA 11-12	Pencil Hardness	F-H	
NCCA 11-10	Post Forming 180°	0-T to 2-T	No pick off with Scotch #610 tape (Substrate Specific)
ASTM D-2794	Reverse Impact, 60 in-pounds	Passes	No pick off with Scotch #610 tape
ASTM G-53	Q.U.V. Weatherometer 1000 hours Film Adhesion – Boiling Water Direct Impact Resistance	Passes	No objectionable chalking per ASTM D-659, color Change per ASTM D-2244, or blistering per ASTM D-714
ASTM D-3361	DEW Cycle Weatherometer, 500 hours	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 (Substrate Specific)
ASTM B-117	Salt Spray 1000 hrs.	Passes	Less than 5% No. 8 size blisters (Substrate Specific)
EMMAQUA	Outdoor Accelerated	Passes	800,000 Langleys, Sun^{10}, Arizona exposure, no Objectionable chalking, color change or blistering

May 2007

Dura Coat Products, Inc
5361 Via Ricardo, Riverside CA 92509 (951) 341-6500
26655 Peoples Road, Huntsville, AL 35756 (256) 350-4300
www.duracoatproducts.com

DURA COAT PRODUCTS INC

PRODUCT BULLETIN

Cool Roof Building Component Coil Coatings

Dura Coat Products Inc. produces several coating product lines now available with cool roof pigmentation. These coatings are designed for most building component end uses including: roof and side panels, fascia and soffit, agricultural (AG) sheet, roof accessories, rainware, gutters and downspouts, awnings and canopies, entry and garage doors.

Each series has unique properties but all are made with our Proprietary Resins to provide the best performance and IR Reflective Pigmentation upon request to minimize substrate heat build-up. All systems designed for application to Hot Dipped Galvanized, Zinc-Aluminum Alloy Steel (i.e. Zincalume®, Galvalume®) and Aluminum substrates. We recommend our exceptional **DC477** Global primer system for all building products.

Durapon 70 PVDF Fluorocarbon – These coatings are formulated with 70% Polyvinylidine Fluoride for the ultimate in long-term weathering. Warranted for 40 Plus years, they also have stain, scratch and resistance to dirt pick-up that minimizes damage during transportation and construction. Use Durapon 70 for Monumental, Commercial and Residential applications and in corrosive environments like seacoast areas or for resistance to acid rain and chemicals.

Dura Coat XT40 Ceranamel – This hybrid coating system provides for long term superior performance utilizing ceramic cool pigments. This system is ideal for residential and light commercial applications. This system allows for superior hardness and flexibility and gives the ultimate in stain resistance, metal marking and resistance to transit abrasion. This coating is warranted for 35 Plus years.

System Comparison At a Glance

System	Durapon 70	XT40
Typical Uses	Roof Panels, Side Panels	Roof Panels Side Panels
Key Feature	Ultimate Chalk and Fade Resistance	Superior hardness and flexibility
Life Expectancy*	35+ years	35+ years
Gloss Range	18-40	10-80

Form 1010 September 2007

* Life expectancy is defined as full protection of substrate and aesthetically tolerable appearance.

Dura Coat Products Inc. 5361 Via Ricardo, Riverside, CA 92509 * Tel (951) 341-6500 * Fax (951) 341-6505
26655 Peoples Rd. Huntsville, AL 35756 * Tel (256) 350-4300 * Fax (256) 353-9873
Web Site: www.duracoatproducts.com E-mail: info@duracoatproducts.com