



Dura-Flex™ RC-100 Elastomeric Acrylic Roof Coating

Description:

Dura-Flex™ is a unique coating based on a newly developed synthetic latex system consisting of two separate rubber-like polymers. Its increased flexibility, better adhesion and maintenance, and brilliant white color improve the hiding power of the coating, while reducing inside temperatures by reflecting the sun's rays.

Meets Requirements for:

ASTM D 6083:	Yes
Energy Star:	N/A
Miami-Dade County:	N/A
VOC Compliant (<100 g/L):	Yes
SCAQMD:	Passes
AIM & OTC:	Passes

Product Advantages:

- 100% elastomeric
- Reflects Sun Rays
- Energy Star® certified for cool roofs
- Lowers Inside Temperature
- Reflects Sun Rays
- Low V.O.C., volatile organic compound and non-flammable
- Waterproofing Coating

Uses:

Dura-Flex™ is recommended for use on all roofing surfaces, especially concrete, asphalt, wood and weathered metals. This product can be used either as a total roof system or for spot repair areas.

Technical Data:

Product Type:	Styrene Acrylic
Solids (%):	39 ± 2% by weight 30 ± 2% by volume
Weight/Gallon:	9.56 ± 0.05lbs. (4.34 ± 0.02kg.)
Color:	Ultra White
Drying Time: ASTM D1640	To touch: 50-60 min To recoat: 24 hrs
Coverage:	
Theoretical:	473 ft. ² /gal. (44 m ² gal.)
On Concrete:	50 ft. ² /gal. (4.65 m ² /gal.) @ 9.3 dry mils, 32 wet mils
On Metal:	100 ft. ² /gal. (9.3 m ² /gal.) @ 4.6 dry mils, 16 wet mils
Can Sizes:	5 gallons 1 gallon
Thinning:	Is not recommended
Flash Point:	Non-flammable
Viscosity:	100 - 105 KU's
Percent Pigment by Weight:	9 ± 2%
VOC:	<50 g/L

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

F.D.S.: Available upon request.

Surface Preparation:

Make certain the roof substrate is thoroughly clean and dry. Remove all debris and old loose coatings by means of sandblasting or high-pressure water blasting or wire brushing. Any existing mildew on the surface must be completely killed and removed prior to the application of this product. Scrub mildewed surface with a mixture of 1 quart of household bleach with 3 quarts of warm water. Rinse completely and let dry. Surface should not accumulate water for more than 48 hours. Coat entire roof deck with Acry Primer Seal AS-211, at a rate of 250 ft.²/gal., if necessary. This surface primer is specially designed to penetrate concrete, seal surface porosity and waterproof roof decks.

Surface Application Recommendations:

When used as a stand-alone product, apply the first coat by pouring liquid Dura-Flex™ RC-100 onto roof and spreading it at a rate of 50 ft.²/gal. Avoid going twice over the same area. Allow 24 hours before applying subsequent coats.

When used in combination with Polyester Fabric Mesh FM-222 a base coat of Aqua-Proof MD-863 base membrane. Please consult technical data sheet of base membrane for procedures.

Coverage:

Metal Roofs	100 ft. ² /gallon (9.56m ² /gal.) 16 wet mils/ 4.6 dry mils per coat (10 total dry mils)
Wood Surfaces	100 ft. ² /gallon (9.56m ² /gal.) 16 wet mils/ 4.6 dry mils per coat (10 total dry mils)
Concrete Roofs	50 ft. ² /gallon (4.6m ² /gal.) 32 wet mils/ 9.5 dry mils per coat (18 total dry mils)
Asphalt Roofs	50 ft. ² /gallon (4.6m ² /gal.) 32 wet mils/ 9.5 dry mils per coat (18 total dry mils)
Polyurethane	50 ft. ² /gallon (4.6m ² /gal.) 32 wet mils/ 9.5 dry mils per coat (18 total dry mils)

Coverages on this table may vary for commercial Roofing System to be used. Consult the Roofing & Waterproofing Solutions/Specifications Manual for details.

