



# Dry-Coat™ Roof Sealer

**RC-486**

## 2 in 1 Roof Sealer and Primer

**Description:**

**Dry-Coat™ Roof Sealer** is a single component, thick, high performance hybrid 100% acrylic siliconized elastomeric roof and wall sealer and primer, reinforced with fiber. It will provide a 100% water and weather proof seal adhering tightly to any surface in just 15 minutes and will waterproof any roof substrate regardless of slope and is impervious to standing water. Dry-Coat™ Roof Sealer will bond quickly to substrate on contact and does not require a primer. The modern technology behind this product ensures a long life expectancy under extreme weather conditions and provides a tack free finish preventing dirt from adhering to the membrane

**Meets Requirements for:**

ASTM D 6083:	Yes
Energy Star:	N/A
Miami-Dade County:	Yes
VOC Compliant (<50 g/L):	Yes

**Product Advantages:**

- Reinforced with fibers for best strength
- High resistance to mildew and dirt
- Dries in 15 minutes
- Low V.O.C., volatile organic compound
- Excellent adhesion to concrete

**Performance:**

Tensile Strength ASTM D 2370	N/A
Elongation ASTM D 2370	N/A
Solar Reflectance ASTM C 1549	N/A

**Uses:**

Dry-Coat™ Roof Sealer design for waterproofing and protecting a wide assortment of roofing substrates that are structurally sound such as conventional bituminous built-up roofs, polyurethane foam, concrete, metal, aged galvanized metal, wood, modified asphalt membranes and asphalt shingles. Dry-Coat™ Roof Sealer will reflect sun rays and reduce inside temperature.

**Technical Data:**

Product Type:	Siliconized Acrylic
Solids (%):	63 ± 1% by weight 46 ± 1% by volume
Weight/Gallon:	11.56 ± 0.05lbs. (5.24 ± 0.02kg.)
Color:	Applies Blue dries Ultra White
Drying Time: ASTM D 1640	To touch: 15 min To recoat: 3 hrs
Coverage:	
Theoretical:	745 ft. <sup>2</sup> /gal.
On Concrete:	44 ft. <sup>2</sup> /gal. (4.06 m <sup>2</sup> /gal.) @ 17 dry mils, 37 wet mils
Can Sizes:	5 gallons 1 gallon
Thinning:	Is not recommended
Flash Point:	Non-flammable
Viscosity:	120 - 130 KU
Percent Pigment by Weight:	41 ± 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 Dry Coat Surface Cleaner. 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.<sup>2</sup>/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 Dry-Coat™ Roof Sealer RC-486 on to the roof and spreading it at a rate of 69ft.<sup>2</sup>/gal. Avoid going twice over the same area.

When used in combination with Polyester Fabric Mesh FM-222 a base coat of Aqua-Proof MD-863 base membrane must be applied to embed the polyester fabric. Please consult technical data sheet of base membrane for procedures.

**Coverage:**

Metal Roofs	80 ft. <sup>2</sup> /gallon (7.26m <sup>2</sup> /gal.) 20 wet mils/ 9.5 dry mils per coat (19 total dry mils)
Wood Surfaces	80 ft. <sup>2</sup> /gallon (7.26m <sup>2</sup> /gal.) 20 wet mils/ 9.5 dry mils per coat (19 total dry mils)
Concrete Roofs	44 ft. <sup>2</sup> /gallon (4.06m <sup>2</sup> /gal.) 37 wet mils/ 17 dry mils per coat (38 total dry mils)
Asphalt Roofs	44 ft. <sup>2</sup> /gallon (4.06m <sup>2</sup> /gal.) 37 wet mils/ 17 dry mils per coat (38 total dry mils)
Polyurethane	44 ft. <sup>2</sup> /gallon (4.06m <sup>2</sup> /gal.) 37 wet mils/ 17 dry mils per coat (38 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.

**Weather:** Select a warm clear day for installation. Consult weather bureau if needed to ensure there is no forecast of rain. Do not apply product after 4:00PM. Product must be kept rain free for at least 6 hours after application.

**Water ponding areas:** Areas where water may accumulate for more than 48 hours must be corrected by using roof drains or other means available. If surface level corrections must be made, use cement mix with Lanco® Concrete Admix-ture CB-9000.. Important: If used on roofs with slope less than 1/2 inch per foot, warranty will be void if not re-coated annually with one coat of Dry-Coat™ Roof Selaer.

**Repair joints, cracks and seams:** Make sure joints, cracks, seams and 0.026 to 0.035 will be adequate. Wait 24 hours between coats. The hoses flashing are clean and dry. With a putty knife, apply Siliconizer™ Crack Filler should be at least 3/8" inside diameter and of the high-pressure rate type. If and a polyester weave over cracks, seams, flashing and around any the hose length is more than fifty feet, a larger inside diameter will be standing objects about 2 inches to both sides, and let dry thoroughly 24 required. hours. Lanco Polyflex one-part urethane should be used instead.

**Concrete roofs:** Repair holes or any weakened areas of concrete surface with good quality masonry cement mix using Lanco® CB9000 or CB4000 Admixture, or Lanco® Bonding Agent CB-950 as per product data application instructions and let dry. Apply concrete mix and let to cure.

**Metal roofs:** Remove rust and prime non-galvanized metals with Lanco® Metal Master Primer™. Replace loose fasteners. Old fasteners must be covered with Lanco® Siliconizer Elastomeric Crack Filler™ RC-230 or with quality standards or specifications. Protect from freezing. Lanco Polyflex one-part urethane, and let to dry for 24 hours.

**Polyurethane foam roofs:** Make sure surface is in good conditions, free of holes and cracks. If it's in optimum conditions proceed with application. Do not use over other 100% Silicone coatings.

**Asphalt membrane and built-up roofs:** Remove all loose mineral gravel and clean roof thoroughly. Repair cracks or joints with Lanco® Elastomeric Crack Filler™ RC-230 and Lanco® Polyester Weave MP-997, apply one coat of Lanco® Aqua-Proof™ MD-863 to the entire roof and let dry 24 hours to proceed, apply 2 coats of Dry-Coat™ Roof Selaer to the entire area. Do not use on pebbles gravel roofs.

**Asphalt shingles:** Roof must be clean and completely dry. Apply 2 coats of Lanco® Aqua-Proof™ MD-863 at a rate of 60 sq. ft per gallon. Let dry 24 hours between coats. Be sure all tabs are completely sealed. If not, apply Lanco® Siliconizer Elastomeric Crack Filler™ RC-230 and Lanco® High Strength Polyester Weave MP-997 on tab joint and let dry 24 hours to proceed.

#### Method of Application:

Apply with a Lanco® 3/4" Nap Rough Surface Roller PA-568 or airless spray. Wait 24 hours between coats. Apply only when temperature is above 50°F (10°C). Do not apply if temperature is expected to drop below 50°F (10°C) before the coating has completely dried. Two full coats are generally needed for proper sealing. Always apply coats in different directions. Never thin or dilute from full strength.

**Recommended equipment:** Use an airless pump with pressure of 1,500 to 2,000 psi. A fluid delivery of 1 to 2 gallons per minute with a spray tip of 0.026 to 0.035 will be adequate. Wait 24 hours between coats. The hoses

**Cleanup:** Clean roller and equipment after use with warm soapy water.

**Drying time:** Approximately 60 minutes to touch. Cure time is controlled by thickness of the applied coating, relative humidity and temperature. Allow 24 hours between coats.

**Warning!:** Do not allow product to freeze. Do not store in temperatures above 105°F. Protective clothing and eyewear should be used during application of this product. Ensure that lid is tight and pail is upright and secure before transporting. Do not allow pail to roll as this may cause lid to loosen and allow leakage to occur. Transport product placed on top of a

**Cautions:** Contains styrene butadiene and acrylic resin. In case of eye contact, flush thoroughly with water. Do not rub eyes. In case of skin contact, flush area immediately with clean water. If swallowed, do not induce vomiting. Consult a physician immediately. Use only with adequate ventilation. Keep out of reach of children.