



WHITE SEAL™ RC-865

ULTRA ELASTOMERIC RUBBERIZED ROOF SEALER

PRODUCT

DESCRIPTION: A one-component, ultra white, thick, high performance styrene/acrylic rubberized elastomeric roof and wall sealer with 548% elongation capacity (ASTM D-412) that will provide a 100% waterproof and weatherproof seal, adhering tightly to any surface. It will not leak, crack, crumble or peel, despite exposure to severe weather or total joint movement. *LANCO® White Seal™ RC-865* will resist five days standing water without leaking. This product is formulated to be the protective topcoat of a waterproofing system and is usually preceded by at least one coat of *LANCO® 1,100% Elongation Primer™ RC-351* (Part A).

BASIC USES: To seal and Waterproof 100% any surface such as concrete, metal, wood, brick, asphalt and polyurethane, thus extending the life of old roofs.

PRODUCT

ADVANTAGES:

- * Ultra white
- * Mildew-resistant
- * Seals and cures concrete
- * 100% elastomeric
- * Stops leaks
- * 100% standing water-resistant
- * High durability
- * 100% reflecting
- * 100% waterproof
- * 548% elongation (ASTM D-412)

TECHNICAL DATA

Percent Solids:	61.00 ± 1% by weight 46.00 ± 1% by volume	Finish:	Flat (5°-10°)* *Geometry 60°
Weight/Gallon:	11.27 ± 0.5 lbs.	Viscosity:	110–115 Ku's
Color:	Ultra white	Flash Point:	Non-flammable
Drying Time:	To touch: 1 hour To topcoat: 4–8 hours	Percent Pigment by Weight:	36.50 ± 1%
Sizes:	5 gallons 1 gallon	Theoretical per Coat	
Recommended Film Thickness @ 100 sq. ft./gal:	8.5 mils dry, 17 mils wet.	Coverage:	1 st : 50 sq. ft./gal. 2 nd : 80 sq. ft./gal. 3 rd : 100 sq. ft./gal.
Thinning:	Not normally recommended, but if necessary, add water to a maximum of 10%.		

Surface Preparation: Make certain the roof substrate is thoroughly clean. Remove all foreign matter and old loose coatings by sandblasting, high-pressure water blasting (not recommended on shingles) or wire brushing. Kill and remove all mildew or fungus growth on the substrate, flush with water and let dry completely. Substrate must be dry at time of applying primer and subsequent coating.

Mildewed Surfaces: Any existing mildew on the surface must be completely killed and removed prior to the application of this product. (Any mildew not removed may continue to grow through the new finish.) Scrub mildewed surface with a mixture of 1 quart of household bleach with 3 quarts of warm water; rinse completely and let dry.

Repairing Cracks and Seams: Cracks are basically one of the following two types:

- (a) Shrinkage cracks (smaller than 1/3") apply a heavy coat of *LANCO® Acrylic Roof and Wall Primer/Sealer™ AS-210* over crack and 2" to each side of it; let dry thoroughly 3-4 hours and apply a second coat.
- (b) Movement cracks, (1/32" or bigger) pout out to 1/4" inch wide and 1/4" inch deep, clean with water, let dry, and prime with *LANCO® Acrylic Roof and Wall Primer/Sealer™ AS-210* over crack and 2" to each side of it; let dry, then fill joints completely and 2" to each side of it with *LANCO® Siliconizer Crack Filler™ RC-230*, let dry completely for 72 hours. Prime surface, by applying one coat to entire surface of *LANCO® Acrylic Roof and Wall Primer/Sealer™ AS-210* and let dry thoroughly until primer becomes completely transparent. Once the surface is ready, relocate the crack and apply one coat of *LANCO® 1,100% Elongation Primer™ RC-351* and while wet lay *LANCO® Polyester Wave MP-997*, immediately apply one more coat of *LANCO® 1,100% Elongation Primer™ RC-351*, let dry four to eight hours. (Tape must be used always over areas where two surfaces meet or come together to form a seam. Seam taping gives added strength to these areas and is important to the success of your project.) Once all cracks and joints are patched and dry, apply one coat of *LANCO® 1,100% Elongation Primer™ RC-351* to the entire surface to be treated at a rate of one gallon per 50 sq. ft. Let dry four to eight hours between coats. Apply a second coat at same rate and let dry, and then apply a third coat at same rate (50 square feet per gallon) and let dry for eight hours.

TOP COAT APPLICATION: Apply the first coat by **pouring** 1/2 to one gallon *LANCO® White Seal™ RC-865* onto the roof and spreading at a rate of 2-4 gallons per 100 sq. ft.; *avoid going twice over the same area.* (Be sure to follow drying time between coats or membrane will be lifted or broken.) Allow 4-8 hours between coats as needed. If drying occurs too rapidly, product may be thinned with water to a maximum of 10%. Apply second and third coats in same manner as first (by pouring product and spreading it with roller); second coat should be at a rate of one gallon per 80 sq. ft., and third coat at a rate of one gallon per 100 sq. ft. Let dry 4-8 hours between coats.

Water-Ponding Areas: apply three heavy coats of *LANCO® 1,100% Elongation Primer™ RC-351* at a rate of 25 sq. ft. per gallon, with reinforced *LANCO® Polyester Wave MP-997* embedded between the second and third layer, followed by two more coats of *LANCO® 1,100% Elongation Primer™ RC-351* at the same rate, and finish with three coats of *LANCO® White Seal™ RC-865*.

Built-Up Tar Roofs: Remove loose materials and completely water-blast the surface to be treated; patch cracks as recommended in crack section. Apply two coats of *LANCO® 1,100% Elongation Primer™ RC-351*. In the second coat, while wet, lay *LANCO® Polyester Wave MP-997*, and while still wet apply another coat of *LANCO® 1,100% Elongation Primer™ RC-351* over roofing fabric and let dry. Finish by applying three coats of *LANCO® White Seal™ RC-865*.

Coverage: *LANCO® White Seal™ RC-865* will cover 25-50 sq. ft. per gallon on the first coat, 80-100 sq. ft. on the second coat and 100-120 sq. ft. on the third coat. Rate of coverage is dependent upon the surface condition.

Life Expectancy: If *LANCO® 1,100% Elongation Primer™ RC-351* and *LANCO® White Seal™ RC-865* are properly applied to roofs in save-able conditions, the *LANCO® System* can extend the roof life by up to ten years. Annual clean-up must be made to the roof. Maintenance coats every two years may extend the life of the roof indefinitely. Roofs with standing water and improperly drained areas may require annual maintenance coats.

Recommended Equipment: Concrete, Stucco, Block and Build-up Roofs: use a *LANCO® 3/4" Nap Rough Surface Roller PA-568*. Steel, Galvanized Metals and Wood: use a *LANCO® 1/4" Nap Enamel Roller PA-565*.

Spray Application: use an airless pump with pressure of 1,500 to 2,000 psi. A fluid delivery of 1 to 2 gallons per minutes with a spray tip of .026 to .035 will be adequate. Wait 24 hours between coats. The hoses should be at least 3/8" inside diameter and of the high pressure rate type. If the hose length is more than fifty feet, a larger inside diameter will be required.

When To Apply: Apply when outside temperature is between 50°F to 90°F (10°C to 32°C). Select a warm, sunny day and consult your weather bureau to make sure there is no forecast of rain. Do not apply after 4:00 p.m.

Cleanup: Clean all equipment immediately after each use with warm water.

Limited Warranty: If this product is discovered to be defective within one year after purchase, *LANCO®* will replace the equivalent amount of new product or refund the purchase price. This warranty specifically excludes labor or cost of labor, and in no way implies replacement due to product failure from improper application or insufficient product placed on a non-salvable surface or roof. Our warranty extends only to the replacement value and we are not liable for any injury, loss or damage.

Caution: Harmful if swallowed. Contains acrylic resin. In case of eye contact, flush thoroughly with water. Do not rub eyes. In case of skin contact, flush area immediately with clear water. If swallowed, induce vomiting. Consult a physician immediately. Use only with adequate ventilation. Goggles are recommended while handling this product. Keep out of reach of children.

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.

M.S.D.S.: Available upon request.

