



Pro RC (RC-3757)

Styrene / Acrylic Rubberized Elastomeric Roof Coating

Description

LANCO® PRO RC™ is a contractor grade one-component, ultra white, high viscosity, high performance, styrene/acrylic rubberized elastomeric roof coating and wall sealer, with good elongation capacity that meets ASTM D-412. It will provide a 100% waterproof and weatherproof seal, adhering tightly to most surfaces without a primer. It will not leak, crack, crumble, or peel, despite exposure to severe weather or total joint movement when applied as directed. FOR PROFESSIONAL USE ONLY.

Product Advantages

- 100% styrene/acrylic elastomeric
- Mildew / Algae resistant
- Helps prevent leaks
- Ultra white finish
- Soap and Water clean up
- 400+ % Elongation (ASTM D-412)
- Highly durable self-prime finish
- Reflects 75% of sun rays
- Eliminates 85 % of heat received
- Waterproofs & Seals approved roof substrates

Product Uses

To provide a sealed and waterproof finish over an approved roof system including concrete, wood, asphalt roofs, bituminous build-up and aged metal.

Technical Data

SOLIDS: 60.65 ± 1% by weight
45.70 ± 1% by volume

V.O.C LEVEL: 55 g/L

WEIGHT / GALLON: 11.45 ± 0.5 lbs.

FINISH: Soft Gloss

FLASH POINT: Non-flammable

FIRE RATING: Class A

VISCOSITY: 112-125 Ku's

SUGGESTED FILM THICKNESS, COVERAGE PER COAT:
32 mils wet, 15 mils dry
50 sq ft/ gal
Total minimum DFT 30 mils (2 coats)

Recommended Coverage:

Metal 50 sq.ft./gal.
Wood 50 sq.ft./gal.
Cement 50 sq.ft./gal.
Build-up roofs 50 sq.ft./gal.
Asphalt roofs 50 sq.ft./gal.

*Coverage figures do not include surface porosity, irregularities & material loss due to application methods.

Base & Tinting Information

Follow tinting requirement specified within appropriate color formula book, color matching computer and automatic tinting equipment.

BASE/COLOR:
RC3757 Ultra White

The use of deep tinted colors or high contrast accent colors may require the addition of one or more finish to achieve acceptable coverage and hiding results.

Application

Apply with a 3/4" Nap, rough surface roller or airless spray. Wait 24 hours between coats. Apply only when temperature is above 50 F degrees. Do not apply if temperature is expected to drop below 50 F degrees before coating has completely dried. Do not apply on roof if temperature is above 95 F degrees. A hot roof can be cooled with water spray before coating. Let roof dry before proceeding with coating. 2 coats are needed for proper sealing. Always apply each coat in the opposite direction. Never thin or reduce coating from full package strength if possible.(maximum reduction is 10% with water).

Recommend Equipment: Use airless sprayer with pressure of 1,500-2,000 psi, a fluid delivery of 1 to 2 gallons per minute, with a spray tip of .026-.035. Use a high pressure material hose of at least 3/8" inch inside diameter no longer than 50' feet in length. (For longer hose lengths use larger inside diameter).

MIXING: Always mix thoroughly before and during application.

THINNING: This product is not to be thinned.

CLEANUP: Clean all equipment immediately after use with warm soapy water. Completely flush all spray equipment with this solution.

DRYING TIME@ 77°F @ 50% RH:
Approximately 2 hour to touch. Full cure is controlled by thickness of coating applied, temperature, and relative humidity. Normal recoat time is 24 hours.

To touch: 2 hour To recoat: 24 hours

Technical Compliance:

AIM:	PASSES
OTC:	PASSES

Surface Preparation

Clean the roof substrate thoroughly. Remove all foreign matter, sealer, and old loose coatings by sandblasting, pressure washing 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 sealer and subsequent coating. Be sure roof is well ventilated, in order to avoid condensation on the roof. Repair all existing leaks.

IMPORTANT: *PRO RC™ RC-3757* will resist standing water (for up to 48 hours). Do not use on roofs with a slope less than 1/2" inch per foot, (If used on roofs with slope less than 1/2" inch per foot, warranty will be void if not re-coated yearly with 2 coats of *PRO RC™ RC-3757*).

MILDEWED SURFACES: Any existing mildew on the surface must be killed and removed prior to the application of this product. Any mildew not removed may continue to grow through the new finish. Using a long-handled brush, scrub mildewed surfaces with a mixture of one quart of household bleach and three quarts of warm water. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach / water solution.

REPAIR CRACKS AND SEAMS: Make sure cracks, seams, and flashing are clean and dry. With a putty knife, apply *Siliconizer™ Crack Filler RC-230* and *Fiber-Glass Patching Weave MP-997* to the fissure/gap in or around any object affixed or penetrating the surface to be sealed. Note: (If gap is deep, insert proper size backer rod to 1/4" inch from surface face before filling with crack filler. While the *Siliconizer™ Crack Filler RC-230* is still wet, press in *Lanco Fiber-Glass Patching Weave MP-997* (2" inches beyond on all sides of repair). Immediately, apply a final coat of crack filler to hide fiber-glass mesh and leave a smooth finish surface. Let dry 24 hours.

WATER PONDING AREAS: Areas where ponding water lasts 1 day or more must be repaired using roof drains or other corrective measures, before applying *PRO RC™ RC-3757* roof sealer. Roofs with standing water and improperly drained areas require yearly maintenance with an additional 2 coats of *PRO RC™ RC-3757* over the affected area.

Concrete Roofs: Repair holes or any weakened areas of concrete surface with a good quality masonry cement. Coat area to be repaired with *Lanco® Bonding Agent CB-900* and let dry. Add 1 gallon of *Lanco® Bonding Agent CB-900* to each 50 pounds of cement in the mix. Apply concrete mix and let cure for 7 days. Repair cracks using *Lanco® Siliconizer Elastomeric Crack Filler™ RC-230* and *Lanco® Fiber-Glass Patching Weave MP-997* as recommended. Apply 1 coat of *Lanco® PRO RC™ RC-3757*. Let dry 24 hours, then apply a second coat.

Aged Metal Roofs: (DO NOT USE ON GALVANIZED METAL)
Clean surface, remove rust, and spot prime repaired area with

Lanco® Metal Master Primer™ MM-200 the same day. Replace loose or missing fasteners. All fasteners must be covered with *Lanco® Siliconizer Elastomeric Crack Filler™ RC-230* and let dry 24 hours. Apply 1 coat *PRO RC™ RC-3757*. Let dry 24 hours, then apply a second coat.

Built-Up Roofs: Remove all loose gravel and clean roof thoroughly. Repair cracks with *Lanco® Siliconizer Elastomeric Crack Filler™ RC-230* and *Lanco® Fiber-Glass Patching Weave MP-997* as recommended. Apply 1 coat of *Lanco® PRO RC™ RC-3757*, to completely seal all of the gravel. Let dry 24 hours. Apply 2 coats of *Lanco® PRO RC™ JB-458*, allow 24 hours to dry between coats.

Asphalt Roofs: Clean surface, making sure to remove all dirt, oil and grease. Repair cracks as recommended. Apply 1 coat of *Lanco® PRO RC™ RC-3757*, let dry 24 hours, then apply a second coat.

General Information

PRECAUTION: For exterior use only. Do not add mineral spirits or other solvents to this product. Do not apply when surfaces or air temperature are below 50°F (10°C). Do not expose to freezing temperatures in storage. Do not use on unpainted ferrous metal. Do not use on staining wood such as cedar, mahogany, or redwood.

LIMITED WARRANTY: The manufacturer's liability in connection with the sale of this product extend only to the replacement price if it should fail to comply with quality standards or specifications.

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 clean water. If swallowed, do not induce vomiting. Consult a physician immediately. Use only with adequate ventilation. Adequate ventilation required when sanding or abrading the dried film. Always use NIOSH/MSHA TC21C or equivalent.) Goggles are recommended while handling the product. Keep out of reach of children.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. For chemical emergency call ChemTrec 1-800-424-9300. PROTECT FROM FREEZING.

S.D.S.: Available upon request.

The information presented on this Technical Data Sheet is based on testing conducted by Lanco® Paints & Coatings. No guarantee of accuracy, comprehensiveness, or performance is given or implied. Information and recommendations are subject to change dependent on surface conditions (substrate), weather and method of application. Please consult with a Lanco Representative or visit www.lancopaints.com for complete, up-to-date technical information.



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