

LANCO – The Home Depot Instructions / Assembly—

When applied as directed, **Lanco® White-Seal™** will provide a waterproof and weatherproof seal adhering tightly to most surfaces and will not crack, crumble or peel despite exposure to severe weather or total joint movement. **Lanco® White-Seal™** reflects sunrays and reduces inside temperatures.

USES: For waterproofing and protecting a wide assortment of approved roofing systems and/or substrates that are structurally sound such as conventional bituminous built-up roofs, concrete, metal, aged galvanized metal, bonded tar and gravel and asphalt shingles. Do not use White-Seal on EPDM (Rubber) or polyurethane.

IMPORTANT: Even though **Lanco® White-Seal™** will resist standing water (for 50 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. Roofs with less severe ponding areas and improper drainage will require annual maintenance and must be re-coated yearly with an application of two coats of **Lanco® White-Seal™**. Prior to application over asphalt shingle roofs, the attic area should be very well ventilated (gable vent fan works best) to prevent condensation on the roof or in between the layers of the shingles or decking.

GENERAL SURFACE PREPARATION:

1. **Wash and Rinse:** Make sure the roof is clean. Pressure wash the roof with a mild detergent and rinse thoroughly. Remove all dirt, grease and loose particles such as gravel, old coating, etc. Remove any mildew or fungus with a bleach solution of 2 parts water to 1 part bleach. If needed use a long handle with scrub brush. Rinse thoroughly. CAUTION- Read bleach warning labels. Wear rubber gloves and safety glasses.
2. **Repair:** Areas where water may accumulate for more than 50 hours must be corrected by using roof drains or other available means before applying sealer. If level corrections must be made, use **Lanco® Ultra Level™** self-leveling underlayment according to label instructions. On any weakened areas of concrete surface use a good quality masonry cement mixed with **Lanco® Bonding Agent** according to label instructions. Rusty metal must be cleaned with a wire brush and primed with a rust inhibitive metal primer before application of this product; we recommend **Lanco® Gray Oxide Primer**. Replace any loose fasteners or screws. Make sure cracks, seams, and flashing are clean and dry. With a putty knife, apply **Lanco® Siliconizer Crack Filler** and **Fiber-Glass Patching Weave** over cracks, seams, flashing, screws and any other standing objects. Be certain all surfaces are properly rinsed and dry prior to applying coating.
3. **Prime:** In most cases, a primer is not needed. However, a primer is recommended for uncoated concrete, chalky surfaces or rusty metal. For bare concrete and chalky surfaces, use **Lanco® Clear Acrylic Primer Sealer** to seal internal concrete cracks. For rusty metal, use **Lanco® Red Oxide Primer** or equivalent.
4. **ASPHALT SHINGLES –** Prior to application over asphalt shingle roofs the attic area should be very well ventilated (gable vent fan works best) to prevent condensation on the roof or in between the layers of the shingles or decking. Follow proper cleaning and preparation as described above. Be sure all tabs are completely adhered and sealed. Areas where the existing material has blistered, buckled or become wet, must be removed and repaired using similar products or system. Apply 2 coats of product as directed, allowing 24 hours drying time between coats. Be sure all edges and grooves are completely coated to ensure a uniform thickness. If any large holes, dents, grooves or flashing transitions remain, apply **Siliconizer Crack Filler** and polyester weave on those areas not properly sealed. Allow to dry another 24 hours and apply an additional coat of product to these areas. Additional coats may be needed in order to provide a completely covered and uniform continuous film.

GENERAL APPLICATION: Apply with a heavy nap roller or airless sprayer in two (2) coats; allow 24 hours dry time between each coat. Apply only at temperatures above 50°F. Do not apply if temperature is expected to drop below 50°F degrees before the coating has completely dried. Do not apply if roof surface is above 95°F. If roof is too hot, spray with water to avoid sealer from drying too quickly and allow water to dry. Each coat should be applied in a perpendicular direction from previous coat; allow 24 hours dry time between coats. Do not apply if rain is forecast within 6-8 hours. Do not apply after 4 PM. NEVER THIN OR DILUTE FROM FULL STRENGTH.

RECOMMENDED EQUIPMENT: Use airless pump with pressures of 1500-2000 PSI. A fluid delivery of 1-2 gallons per minute with a spray tip size of .026 - .035 will be adequate. The hoses should be at least 3/8" inside diameter, and should be of the high pressure rated type. If the hose length is more than 50 feet, a larger inside diameter will be required.

COVERAGE: PRODUCT MUST BE APPLIED AT 50 SQ.FT/GAL. IN AT LEAST TWO (2) COATS 24 HOURS APART FOR A MINIMUM FILM THICKNESS OF 32 MILS DRY (About the thickness of 12 sheets of paper). Find your square footage by multiplying the length of an area by the width of that area (i.e. 10 X 100 = 1000 sq. ft. divided by 50 sq. ft. = 20 X 2 COATS = 40 Gallons of product). Apply the first coat by pouring coating onto roof and spreading it at a rate of 50 sq.ft/gal. (32 mils wet). Avoid going twice over the same area. Allow 24 hours before applying subsequent coats applying them in the same manner as the first coat. A MINIMUM OF 2 COATS IS REQUIRED WITH A FILM THICKNESS OF 32 MILS DRY.

Steeper pitched roofs will require more applications if 50 SQ.FT/GAL. cannot be achieved.

CLEAN-UP: Clean rollers or equipment after use with warm, soapy water.

DRYING TIME: Approximately 2 – 4 hours. Cure time is controlled by thickness of the applied coating, relative humidity and temperature. Allow 24 hours dry time between coats.

WARRANTY:

*10 YEARS WARRANTY: Limited Warranty: Lanco Manufacturing Corporation (LANCO®) warrants only that this product is free of defects, since many factors which affects the results obtained from this product (such as weather, workmanship, equipment used and prior conditions of substrate) are beyond our control. We will replace at no charge any product proven to be defective within 10 years of purchase, provided it has been applied per manufacturer's specifications. To take effect, this warranty must be activated by mailing proof of purchase, name and address to the following address: (For USA) Lanco, 600 Mid Florida Drive Airport Industrial Park of Orlando, Florida 32824, and following the registration procedure. (For the Caribbean) Lanco, Urb. Aponte #5 San Lorenzo, P.R. 000754. This warranty is non-transferable. To file a claim under this warranty you must send a notice of claim in writing to Lanco® within 30 days after you have discovered an alleged leak. Within a reasonable time after proper notification and validation of your claim, Lanco® will provide, free of charge, enough roof sealer to recoat the affected area. This limited warranty is the exclusive and sole remedy available to the purchaser. What is not covered by this warranty?: Lanco® does not warrant and shall not be liable for damages arising out of purchaser's failure to apply the roof coating in accordance with our instructions, disasters such as fire, flood, wind, lightning, structural defects and acts or causes beyond our control, including the negligence of any person and any other abuse or misuse of the product by purchaser. This warranty does not include labor or the cost of labor for the application of any roof coating. There are no warranties which extend beyond the description on the face hereof. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state. This Warranty does not apply to commercial jobs, for these purposes call Lanco at 407-240-4000.

Keep original receipts.

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