

**Lanco® Urethanezer™** is a professional high performance urethane ceramic rubberized elastomeric roof coating and sealer. Lanco® Urethanezer™ is a fiber reinforced high build roof coating having superior adhesion and durability. The ceramic composition of Lanco® Urethanezer™ will significantly lower the temperature of your house by reflecting 79% of all sun rays and by eliminating 89% of the heat received. This product will not crack, crumble, or peel despite severe weather or total joint movement. When applied as directed it will provide a seamless 100% water resistant and weatherproof seal adhering tightly to any surface.

**USES:** Use Urethanezer™ to seal and protect polyurethane foam, concrete, metal, tile, aged galvanized metal, aged EPDM, bonded tar and gravel, conventional bituminous built-up roofs, and asphalt shingles.

**IMPORTANT:** Roofs must have proper drainage and not hold ponding water longer than 50 hours. If water ponding areas exist, follow repair instructions below. 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.

**\*SURFACE PREPARATION:** 1. **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., and kill and remove any mildew or fungus with a bleach solution of 2 parts water to 1 part bleach. Rinse thoroughly. 2. **\*Repair** - Areas where water may accumulate for more than 48 hours must be corrected by using roof drains or other available means. If level corrections must be made, use Ultra Level™ UL-221 self-leveling underlayment. See Ultra Level™ UL-221 in product specifications section. 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 metal primer / sealer before application of this product. Replace any loose screws and cover old screws with Siliconizer Crack Filler and Lanco Fiber-Glass Patching Weave. Make sure cracks, seams, and flashing are clean and dry. With a putty knife, apply Siliconizer Crack Filler and Fiber-Glass Patching Weave over cracks, seams, flashing and about 2 inches to both sides of any standing objects. Be certain all surfaces are properly rinsed and dry prior to applying coating. 3. **\*Primer** - In most cases, a primer is not needed. However, a primer is recommended for uncoated concrete or rusty metal. For concrete, use Lanco's AS-210 Clear Acrylic Primer Sealer to seal internal concrete cracks. For metal, use Lanco Red Oxide primer or equivalent.



- A. Apply Siliconizer™ Crack Filler with a putty knife.
- B. While product is wet, roll out fiberglass weave.
- C. While product is still wet, apply another coat of Siliconizer™ Crack Filler over the fiberglass weave.

**GENERAL APPLICATION GUIDELINES:** For a Miami-Dade compliant application, please refer to NOA No. 12-1220.13. Apply with a heavy nap roller or airless sprayer. 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. Allow to dry. **Each coat should be applied in a perpendicular direction from previous coat.** Product applies blue but will turn white when exposed to U.V. rays for 24 – 72 hours depending on weather conditions. Allow at least 24 hours dry time between coats. Do not apply if rain is forecast within 6-8 hours. Do not apply after 4 PM. Call your local weather bureau. **NEVER THIN OR DILUTE FROM FULL STRENGTH.** **Color Tinting:** Do not tint this product due to its initial blue color. However, if large quantity of tinted product is needed, contact manufacturer. 1) **For Concrete, Metal, Tile, Polyurethane Foam, Asphalt, aged EPDM & Built Up Roofs:** After proper cleaning and preparation as described above, apply 2 coats of Urethanezer™, allowing 24 hours drying time between coats. 2) **For Asphalt Shingle Roofs:** 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 Urethanezer™, 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