



Siliconizer +Plus™ Oasis Tan RC-1069

Silicone Modified Acrylic Roof Coating

Description

Siliconizer +Plus™ Oasis Tan is a silicone modified acrylic roof and wall sealer. It is a single component, elastomeric sealer that will adhere tightly to many surfaces and provide a thick, high performance, 100% water and weather resistant membrane, usually without need of a primer coating. The tan color will significantly lower the interior temperature of the structure. Product will not crack, peel or blister even under severe weather conditions or total joint movement.

Uses

In laboratory tests, Siliconizer +Plus™ has proven its outstanding properties during adhesion-in-peel testing, exceeding every standard (per ASTM C 794 specifications) over a variety of substrates. This will assure many years of excellent protection over surfaces such as:

- Modified asphalt membranes
- Built-up roofs
- Wood roof decks
- Concrete roof decks
- Metal roof decks

Advantages

- High UV ray reflectance
- Insulates and provides a cool roof
- Excellent wind lift resistance
- Ocean spray resistant
- Good vapor permeability
- Allows substrate to breathe
- Low VOC roof coating
- Excellent pick up dirt resistance
- Ultra fast drying properties
- High resistance to ponding water*
- High resistance to mildew and algae
- Dries tan
- Does not usually require primer

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 stream or wire brushing. Remove all mildew, algae or fungus growth with a 1:3 solution of household bleach, flushing thoroughly with water and allowing to dry completely. *Surface should not accumulate water for periods longer than 48 hours.

Application

Apply utilizing a Lanco® ¼" nap Rough Surface roller PA-568 or airless spray. Allow 24 hours between coatings. Apply only when temperature is above 50° F (10° C). Do not apply if temperature is expected to drop below this level before drying is complete. On overly hot surfaces, cool with water spray to prevent sealer from drying too fast. Two coats are recommended for proper sealing, applying coats perpendicular to each other. Never thin or dilute from full strength. When used with Polyester Fabric Mesh FM-222 for reinforcement, a proper coat of Aqua-Proof™ Primer MD-863 must be applied in which to embed the fabric. Consult Aqua-Proof™ Primer MD-863 technical data or Lanco roofing specifications.

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 6-8 hours after application.

Notice: The technical information provided in this document is, to our knowledge, accurate and correct. All published technical information and instructions are subject to change without prior notice.

Siliconizer +Plus Technology

From the moment of application, **Siliconizer +Plus™ Oasis Tan** provides a strong thick monolithic membrane utilizing the most advanced ultra-small particle technology of tightly bonded molecules, which prevent dirt from embedding on the surface. The high content of highly reflective pigments causes it to reflect the sun's rays and reduce heat. This revolutionary technology makes the finished surface to retain its color longer than competing products. Assures a long-term advantage over competing products.

Technical Data

Percent Solids:	51 ± 2% by weight 38 ± 2% by volume
Weight/Gallon:	11.92 ± 0.25% lbs.
Color:	Tan
Drying Time:	Touch-dry: 1 hour For recoating: 4-8 hours
Recommended Coverage:	50 ft. ² @15 dry mils, 33 wet mils (each coat, 2 coats required)
Available Sizes:	5 gal. and 1 gal. containers
Thinning:	Do not thin. Use only as provided
Flash Point:	Non-flammable
Finish:	Flat (5°-10°) *Geometry 60°
Viscosity:	110-130 Ku's

Shelf Life: 3 years after date of manufacture when stored out of the sun in unopened buckets at a temperature of less than 100° F. Keep from freezing.

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

Surface Preparation (In-depth)

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: Siliconizer +Plus™ Oasis Tan 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

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 mildew surface with a mixture of 1 quart of bleach with 3 quarts of warm water. Rinse completely and let dry.

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 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.

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).

Water ponding areas: Areas where ponding water lasts 1 day or more must be repaired using roof drains or other corrective measures, before applying Siliconizer +Plus™ Oasis Tan roof sealer. Roofs with standing water and improperly drained areas require yearly maintenance with an additional 2 coats of Siliconizer +Plus™ Oasis Tan 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® Siliconizer +Plus™ Oasis Tan. Let dry 24 hours, then apply a second coat.

Aged Metal Roofs: (DO NOT USE ON NEW 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 Lanco® Siliconizer +Plus™ Oasis Tan. 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® Siliconizer +Plus™ Oasis Tan, to completely seal all of the gravel. Let dry 24 hours. Apply 2 coats of Lanco® Siliconizer +Plus™ Oasis Tan, 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® Siliconizer +Plus™ Oasis Tan, let dry 24 hours, then apply a second coat.

Recommended 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).

Clean-up: Clean all equipment after use with warm soapy water.

Drying Time: Approximately 1 hour to touch. Full cure is controlled by thickness of coating applied, temperature, and relative humidity.

Weather: Select a clear day above 50 F degrees. Consult your weather bureau to make sure there is no precipitation forecasted. Do not apply after 4:00 P.M. Allow a minimum of 4 hours dry time before any precipitation comes in contact with sealer.

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