



## Siliconizer™ SL cc-784 Self-Leveling Moisture Cure Sealant

### Description:

**Siliconizer™ SL** is a white self-leveling, 100% solids moisture cure sealant specially formulated for application on flat or low-slope roof decks, mobile home roofs, recreational vehicles, carports, etc. The sealant levels to a smooth, durable, rubber-like finish that will not bubble when applied to damp surfaces. **Siliconizer™ SL** is paintable, flexible, and extremely weather resistant and an ideal sealant for horizontal concrete expansion joints with +/- 25% joint movement.

### Product Advantages:

- Self-Leveling
- No tooling required
- 100% solids, will not shrink
- 30-minute rain ready
- Weather & UV resistant, will not yellow
- Use in dry or damp conditions
- Paintable within 24 hours
- Freeze thaw resistant
- Solvent and isocyanate-free
- +/- 25% joint movement

### Uses:

#### Ideal for sealing:

- Penetrations
- Vents
- Seam
- Inside gutters.

#### Bonds well to:

- Dry or damp concrete
- Aged single ply membranes (EPDM, TPO, & PVC)
- Aged asphalt
- Aluminum
- Galvanized metal
- Fiberglass
- Wood
- Clay tile
- Most other construction materials

### Product Data:

Product Type:	Silane-Modified Polyether
Finish color:	White
Solids (%):	100%
Elongation at break:	300%
Tensile Strength:	135 PSI
Drying time:	
Tack free:	15-45 minutes
Final cure:	24 hours
To paint:	18-24 hours
Sizes:	10.1 fl.oz. cartridge
Viscosity:	15,000 - 45,000 cps
Service Temperature:	-40°F - 200°F (-40°C - 93°C)

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.

S.D.S.: Available upon request.

### Performance & Regulatory Compliance:

- ASTM C920, Type S, Grade P, Class 25, Uses T2, M, & O
- Federal Specification TT-S-00230-C Type I, Class B
- Corps of Engineers CRD-C-541, Type I, Class B
- Canadian Standards Board CAN 19, 13-M82
- Conforms to OTC Rule for Sealants
- Meets requirements of California Regs: CARB and SCAQMD
- This product does not contain cancer causing chemicals listed in California Proposition 65.

### Application Method:

For best results, follow these steps:

Apply at a minimum temperature of 35°F (2°C) and rising. Keep product temperature between 70°F (21°C) and 80°F (27°C) to ensure optimal gunning and leveling.

### APPLICATION:

1) Cut the tip of the nozzle to the desired diameter and use a tool to fully puncture the inner seal at the base of the nozzle. An insufficient puncture of the inner seal may result in added force required to generate flow, which could lead to failure of the cartridge seal.

2) Use a caulk gun to carefully apply the sealant with a smooth, continuous bead while staying at least 2" away from vertical surfaces. The sealant will flow as it levels.

3) Tool the sealant within 15 minutes, if needed. Do not apply greater than 1/2" depth. It is recommended to test the product to ensure adequate adhesion.

**FOR JOINTS:** Maintain a depth to width ratio of 1:2 (joint depth one half the width). Control the joint depth using a polyethylene backer rod that is 25% larger than the joint opening.

### Surface Preparation:

Surface must be free of dust, dirt, and grease. Remove old or loose sealant. Isopropyl alcohol can be used to clean contamination on non-porous substrates. (Read warnings on label). DO NOT USE petroleum solvents such as mineral spirits or xylene. Remove mildew.

**TO REMOVE MILDEW AND CONTAMINANTS:** Using a long-handle brush, scrub mildewed surface with a mixture of one (1) qt household bleach and three (3) qts of warm water. Rinse thoroughly and let dry completely..

**Surface Preparation:****Concrete**

Prior to application remove any residual contamination by mechanical abrasion, sand blasting or power washing. On green concrete, remove all release agents, friable and loose concrete. Dry all visible and standing water prior to application. Install an appropriate backer rod to avoid three-point bonding.

**Asphalt**

Allow asphalt to cure for a minimum of six months prior to application. Clean and remove all oil residue prior to application. Remove any residual contamination by mechanical abrasion, sand blasting or power washing.

**Metal**

Prepare all metal to ensure maximum adhesion. Remove all rust, scale and residue by wire brushing to a bright metal sheen. Remove films, loose or inappropriate coatings and oils with an appropriate solvent such as alcohol.\*

\*LANCO recommends that coated substrates be tested for adhesion prior to starting a project. Please contact Technical Services for specific application guidelines and recommendations.

**Wood**

Wood should be clean, sound and dry prior to sealant application. Allow treated wood to weather for six months prior to application. Remove all coatings and paint (or test for compatibility) to ensure proper bonding. Do not use on fire retardant lumber.

**Priming**

In most instances Siliconizer SL will not require a primer. However, certain applications or substrates may require a primer to ensure a long lasting bond and weatherproof seal. It is the applicator's responsibility to determine the need for a primer. LANCO recommends a primer be used for any application where prolonged immersion is anticipated or sealing dynamic joints.

**Additional Information :**

**Shelf Life:** 18 months from the date of manufacture when unopened containers are stored at 70°F/21°C with 50% relative humidity. High temperature and high relative humidity may significantly reduce shelf life.

**Cleanup:** Remove wet sealant using a solvent such as alcohol. Remove cured sealant by abrading or scraping the substrate.

**Limitation:** In areas where prolonged chemical exposure is anticipated, contact Technical Services for recommendations at 407-240-4000

- Allow treated wood to “cure” for six months prior to application per APA guidelines.
- Do not use in areas subject to continuous immersion.
- Do not store in elevated temperatures.
- Allow asphalt to cure a minimum of six months before application.
- Remove all coatings and sealers before application.
- Please contact customer service for application guidelines with temperatures below 35°F (2°C).
- Test and evaluate all paints before application.
- Polyurethane and oil based paints may dry slowly

**Danger/Warning:**

**Caution:** Avoid prolonged contact with skin. Uncured sealant irritates eyes. In case of contact with eyes immediately flush with water. Call a physician. Please refer to the SDS for first aid information.

**Warning!:** Keep out of reach of children. Do not take internally. For chemical emergency call ChemTrec 1-800-424-9300 (USA) or 1-703-527-3887 (International).

**Limitations & more information:**

Read Safety Data prior to use.

Go to [www.lanco.com](http://www.lanco.com).

Protect from freezing.

