

PRO level

SL 800 Surface Leveling Coating

Basic Uses & Description:

SL 800 Surface Leveling Coating is a 100% silicone coating with a red color and a slight odor. SL 800 is designed to be used as a surface-leveler on roofing projects in which the surface is too rough or uneven to apply a roof coating, such as gravel surface built-up roofs and “alligatored” areas of a smooth surface built-up roof. This coating can be applied to the roof surface via heavy-duty airless spray unit (recommended) or rolled on. After application, SL 800 will settle into the lowest points on the roof and provide a smoother surface. The roof surface will not be completely level and some rocks will still be visible. As a general rule, no rock should be protruding more than ¼” after the installation of this product.

While primarily designed for use over gravel BUR, this product can also be used to level the surface of a smooth surface BUR, granulized modified bitumen, and concrete roofs. SL 800 produces great results as a prime coating prior to application of a silicone roof coating.

Composition and Materials:

SL 800 is a dispersion of silicone rubber. This coating is a one-part, ready-to-use material that can be applied easily to a dry, frost-free surface, and cures at normal temperature and humidity in 4 to 48 hours (depending on thickness) by reacting with moisture in the air. For applications with lower than normal temperature and humidity levels, expect the cure time to be longer.

Application:

Spray: Apply SL 800 with a standard heavy-duty airless spray unit at a rate of 3-6 gallons per 100 sq. ft. depending on surface texture. Use short, overlapping passes to ensure the entire surface is coated and there are no voids in the surface.

Roller: Apply SL 800 with a medium to heavy nap roller. Pour material onto the surface and use roller to spread material into all cracks and crevices. If applying by roller instead of sprayer, anticipate using additional material to fill all voids. Installing by roller will also likely cause some of the rock to become dis-embedded which will need to be removed prior to installing the silicone top coat.

Storage and Shelf Life:

SL 800 has a recommended shelf life of 12 months from date of manufacture when stored in unopened containers and between 40°f and 80°f. Refer to product packaging.

Typical Properties

As Supplied:	Permeance Rating ASTM E96.....4.1
Appearance.....Red	Clean Up.....Mineral spirits
Solids Content	Shelf Life.....12 Months
Percent by volume ASTM 2697.....95.6% +/- 2%	Viscosity ASTM D 2196.....3,000-5,000 cps
Weight Per Gallon ASTM D 1475.....10.3 lbs. per gallon	VOC.....<50 grams/liter

Packaging Sizes:

SL 800 is available in 5 gallon pails and 55 gallon drums.

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