

Cool-Sil™ Eliminator

Gravel Surface Leveler



OVERVIEW & FEATURES

Cool-Sil Eliminator is a 100% silicone coating, designed to be used as a surface-leveler on aged gravel surface built-up roofs. This coating can be applied to the roof surface via heavy-duty airless spray unit (recommended), or squeegee and roller-applied. After application, Cool-Sil Eliminator will settle into the lowest points on the roof and provide a textured 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. Cool-Sil Eliminator must be surfaced with Cool-Sil coating.

COMPOSITION & MATERIALS

Cool-Sil Eliminator is a dispersion of silicone rubber. This coating is a one-part, ready-to-use material that can be applied easily to a clean, dry, frost-free surface, and cures at normal temperature and humidity in 6 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

Clean: Remove all loose gravel and clean well. A wet-vac process is the required cleaning method.

Prime: Apply Garla-Block 2K at 8 wet mils or 1/2 gal/100 ft² (0.21 l/m²).

SURFACE LEVELING COATING

Spray: Apply Cool-Sil Eliminator with a Graco 933 or DUTYMAX GH 675DI Spray Rig at a minimum rate of 8 gal/100 ft² (3.28 l/m²). Use short, overlapping passes to ensure the entire surface is coated and there are no voids in the surface.

Roller: Apply Cool-Sil Eliminator with a medium to heavy nap roller at a minimum rate of 8 gal/100 ft² (3.28 l/m²). Pour material onto the surface and use roller to spread material into all cracks and crevices. Installing by roller will likely cause some of the rock to become disembedded which will need to be removed prior to installing the Cool-Sil top coat.

Coating Installation: Apply Cool-Sil HB or SG at 32 wet mils or 2 gal/100 ft² in 48 hours of Cool-Sil Eliminator Curing.

STORAGE & SHELF LIFE

Cool-Sil Eliminator has a recommended shelf life of 12 months from date of manufacture when stored in unopened containers and between 60-80°F (15.6-26.7°C) and not to exceed 110°F (43.3°C). Indoor ventilated storage is recommended. Do not store in direct sunlight.

PRECAUTIONS

- In accordance with Garland's adhesion testing protocol, ensure that the coating bond strength to the existing roof substrate(s) is two (2) pounds per linear inch (pli) or greater.
- Coverage rates may need to be increased based on embedded gravel profile.
- Restrict coating application when the ambient temperature is not at least 50°F (10°C) and rising or when overnight temperature drops below 40°F (4.4°C).
- Restrict coating application when the ambient temperature is greater than 95°F (35°C).
- Roof surface must be at least six Fahrenheit degrees (6°F) or three Celsius degrees (3°C) above the dew point and rising.
- In areas where the roof is subject to foot traffic and the roof is completely smooth, it is recommended to apply a granule non-skid walkway surface.
- Excess water on a Cool-Sil roof can cause the roof to become slippery.
- Coverage rates may vary based on surface condition/texture and do not take into account material loss due to spraying, surface texture, surface absorption, waste, etc.

Technical Data	Cool-Sil Eliminator
Appearance	Red
Solid Content Volume (ASTM D2697)	95.6% (+/-2)
Weight per Gallon ASTM D1475	10.3 lbs
Permeance Rating ASTM E96	4.1
Clean Up	Mineral Spirits
Viscosity ASTM D2196	3,000-5,000 cps
Shelf Life	12 months
VOC	<20 g/L
Packaging	5 gal 50 gal

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Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or the home office for more information.

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