

Data Sheet

Cool-Sil™ SC

High Solids, Low VOC, Clear Skylight Coating



DESCRIPTION

Cool-Sil™ SC solvent-free silicone skylight coating is a one-component, moisture curing silicone rubber roof coating system designed for use on existing fiberglass skylights.

The system provides long-term protection because it resists weathering, aging, oxidation, wind-driven sand, rain and snow, the effects of ozone, ultraviolet radiation and the temperature extremes typically found on roofs. With its high solids content and absence of hydrocarbon solvents, Cool-Sil SC can be applied in excess of 40 mils in a single coat without blistering, while maintaining maximum adhesion. The Cool-Sil SC solvent free skylight coating is only available in clear.

COMPOSITION & MATERIALS

Cool-Sil SC silicone skylight coating 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 in 1 to 4 hours by reacting with moisture in the air. For applications with lower than normal humidity levels, expect the cure time to be longer.

STORAGE & SHELF LIFE

Cool-Sil SC has a recommended shelf life of 12 months from date of manufacture when stored in recommended conditions. Listed on product packaging.

APPLICATION

Surfaces to be coated with Cool-Sil SC Coating must be properly prepared. The skylight surface must be clean, dry and free of loose particles. The coating can be applied by medium nap roller or brush.

The recommended application rate is 30 mils (app. 2.25 gal per sq.) and should be applied in multiple coats to eliminate sag or runoff.

TECHNICAL DATA

Appearance	Clear
Solids Content Volume (ASTM D 2369)	90% (+/-3)
Specific Gravity, at 25°C (77°F)	1.03
Tack-Free Time	1-2 hrs.
Cure Time	1-4 hrs.
VOC	<20 grams/liter
Flash Point	141°F
Packaging	5 gal pail



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