



Leading the Industry in Sustainable Roofing Products and Practices

HSS 535 Solvent-Free Silicone Roof Coating

PRODUCT DESCRIPTION

Basic Uses:

HSS 535 Solvent-Free Silicone Roof Coating is a one-component, moisture-curing silicone rubber roof coating system designed for use on existing smooth BUR, granulated cap sheet, well-adhered acrylic coating, concrete, metal, sprayed-in-place polyurethane foam and various membrane roofing. The coating is rolled or spray-applied and touch-up work can be done with a brush or roller. 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, HSS 535 can be applied in excess of 40 mils in a single coat without blistering, while maintaining maximum adhesion. *This product may contribute towards a variety of LEED credit points.*

Composition and Materials: HSS 535 Solvent-Free Silicone Roof 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 temperatures in 2 to 6 hours by reacting with moisture in the air.

Sizes: HSS 535 Solvent-Free Silicone Roof Coating is available in 55 gallon and 5 gallon containers.

Storage and Shelf Life: HSS 535 has a shelf life of 12 months from date of manufacture. Refer to product packaging.

TECHNICAL DATA

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

As Supplied:

Solids Content,	
percent by volume ASTM D-2697-3.....	90 (+/-3)
Specific Gravity, at 25°C (77°F).....	1.2
Tack-Free Time.....	1-2 hrs.
Cure Time	2-6 hrs.

As Cured:

Durometer Hardness, Shore A, points ASTM D-2240....	42
Tensile Strength, die C, psi ASTM D-412.....	320
Elongation, percent ASTM D-412.....	170
Permeability ¹ , perms ASTM E-96.....	4.6
Tensile, set at 100 percent elongation.....	50
Temperature Stability Range, °C (°F).....	-37 to 100 (-35 to 212)

Weatherometer, QUV, 10,000 hours
ASTM B-4799.....No degradation

Volatile Organic Compounds
ASTM D-2369.....10.2 grams/liter

Flame Spread ASTM E-108.....Class A

¹20 mils at 38°C (100°F) and 90 percent relative humidity.

STANDARD COLORS

Bright White *CRRC Rated
Light Gray
Dark Gray
Black

CUSTOM COLORS

Bronze
Limestone
Oxide Red
Sierra Tan
*color matching also available



	Solar Reflectance	Initial .90	Weathered Pending
	Thermal Emittance	.89	Pending
	Rated Product ID Number	0001	
	Licensed Seller ID Number	1094	
	Classification	Production Line	
<small>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary. Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</small>			

Specification Writers: A copy of the Application Specification for this product may be obtained from West Development Group Customer Service in LaGrange, OH. Call 1-440-355-4682. 1/11



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