



PRO **eco sil**

Technical Product Data

HS 3200-HB Roller Grade Series

Roller-Grade, High Solids, Low VOC Silicone Roof Coating

BASIC USES & DESCRIPTION:

HS 3200-HB Roller-Grade Series Solvent-Free Silicone Roof Coating is a one-component, moisture curing silicone rubber roof coating system designed for use on existing smooth surface BUR, granulated cap sheet, well-adhered acrylic coating, concrete, metal, sprayed-in-place polyurethane foam and various single-ply membrane roofing.

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, HS 3200-HB Series can be applied in excess of 70 mils in a single coat without blistering, while maintaining maximum adhesion. The HS 3200-HB Series Solvent Free Roof Coating is available in one standard color:

- ▶ White HS 3201-HB
- ▶ Tan HS 3202-HB
- ▶ Light Gray HS 3203-HB
- ▶ Dark Gray HS 3204-HB
- ▶ Black HS 3208-HS

(Custom colors available upon request at an additional charge)
This product may contribute towards a variety of LEED credit points.

COMPOSITION AND MATERIALS:

HS 3200-HB Series 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 temperature and humidity in 1 to 4 hours by reacting with moisture in the air. For applications with lower than normal temperature and humidity levels, expect the cure time to be longer.

STORAGE AND SHELF LIFE:

HS 3200-HB Series has a recommended shelf life of 24 months from date of manufacture when stored in unopened containers and between 40°f and 80°f. Refer to product packaging.

APPLICATION:

Surfaces to be coated with HS 3200-HB Series Coating must be properly prepared. All surfaces must be clean, dry and free of loose particles. The coating should be applied by medium nap roller. For small touch-up work, a brush may be used.

PACKAGING SIZES:

HS 3200 Series Silicone Roof Coating is available in 5 gallon containers.

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MAINTENANCE:

The life of the roof may be extended by regularly scheduled maintenance. A roof should typically be inspected at least twice a year. The roof immediately needs to be inspected following severe weather and extraordinary maintenance on roof-mounted equipment.

CLEAN UP:

Uncured silicone coating can be cleaned and equipment can be flushed with VM&P Naphtha or Mineral Spirits.

LIMITED WARRANTY INFORMATION - PLEASE READ CAREFULLY:

Various warranties may be purchased from Progressive Materials, LLC. Available warranties include Full System Limited Warranties that range from 5 to 20 years. For warranty details, please contact your Progressive Materials Roofing Specialist.

Specification Writers: A copy of the Application Specification for this product may be obtained from Progressive Materials Customer Service.

TYPICAL PROPERTIES

As Supplied:		As Cured:	
Appearance:	White	Durometer Hardness, Shore A, points ASTM D-2240	37
Solids Content, Percent by volume ASTM D-2697:	92 (± 3)	Tensile Strength, psi ASTM D-412	350
Solids Content, Percent by Weight D-1644	90 (± 3)	Elongation, percent ASTM D-412	174
Specific Gravity, at 25°C (77°F):	1.26	Permeability ¹ , perms ASTM E-96	10.7
Tack-Free Time:	1-2 hrs.	Tensile, Set at 100 percent elongation	Nil
Cure Time:	1-4 hrs.	Temperature Stability Range, °C (°F)	-37 to 100 (-35 to 212)
Volatile Organic Compounds:	<50 grams/liter	Accelerated Weathering, QUV, 5,000 hours ASTM G 154	No degradation
Flash Point	141°F	Flame Spread ASTM E-108	Class A
"20 mils at 38°C (100°F) and 90 percent relative humidity			

The information reported herein are based upon information reasonably available to Progressive Materials, LLC at the time publication, and are presented in good faith but are not to be construed as warranties or guarantees, expressed or implied.

Contact Progressive Materials for more detailed specifications on our roofing systems and to find a certified contractor near you.



For NSF Protocol P151 installation instructions, please visit:
<http://info.nsf.org/Certified/Protocols/Listings.asp?Company=C0322312&Standard=P151>