

TOPCOAT® Liquid-Applied Roofing Systems
Surface Seal SB
(TOPGN160)

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*Quality You Can Trust...From
North America's Largest Roofing Manufacturer!™*

SURFACE SEAL SB

Description

TOPCOAT® Surface Seal SB is a solvent-based, sprayable thermoplastic rubber coating, which cures to form a seamless rubber membrane. It is highly reflective, provides extra protection, and is highly flexible to accommodate temperature-related expansion and contraction of the roof system. Surface Seal SB (white only) is an ENERGY STAR® qualified reflective product that will help to reduce building temperatures. Surface Seal SB (white only) is listed by the Cool Roof Rating CouncilSM for solar reflectance and thermal emittance. Available in white and custom colors. Ideal for application on most commercial roofs in temperatures as low as 32°F, providing product is stored at room temperature prior to installation.

Uses

TOPCOAT® Surface Seal SB is a liquid-applied seamless sealant membrane used in the retrofit of most commercial roof surfaces. Surface Seal SB is designed to protect and restore aged modified bitumen, BUR, metal, wood, concrete, and EPDM roof surfaces, and to increase a roof's reflectivity. **For proper installation, substrate must have positive drainage (i.e., shall not pond water for a period longer than 48 hours).** Surface must be free of ponding water, ice, snow, and debris prior to application. Do not apply at temperatures below 32°F. Substrate temperatures must be below 120°F when applying product.

Advantages

- ENERGY STAR® qualified reflectivity can dramatically decrease building temperatures (white only)
- Highly reflective and listed by the Cool Roof Rating CouncilSM for solar reflectance and thermal emittance (white only)
- Ideal for modified bitumen, BUR, metal, wood, concrete, and EPDM
- Designed to be applied at temperatures as low as 32°F
- Strong; forms a flexible seal that will not become brittle
- Flexible; will expand and contract with roof
- Limited material warranty available for up to 10 years*
- Guarantees available for up to 10 years*
- Available in 5-gallon pails, 55-gallon containers, and bulk totes
- Enhances the adhesion of GAF Liberty™ and Freedom™ Self-Adhering Membranes. Great for use in high wall flashings.

For Application Questions

Contact GAF Technical Services at 1-800-766-3411 or visit gaf.com.

Applicable Standards

ASTM D412, ASTM B117, ASTM C794, ASTM G21, FTMS 141.6271, ASTM D2196, ASTM D1475, ASTM E1644

Note: Repair leaks promptly to avoid adverse effects, including mold growth.

*See applicable warranties and guarantees for complete coverage and restrictions.

TOPCOAT® SURFACE SEAL SB TECHNICAL DATA

Application Rate:	1.0 to 1.75 gallons/100 sq. ft. per coat
Application Method:	Airless sprayer, roller, or brush
Application Temp (air, surface):	32° – 120°F
Drying Time (75°F, 50% RH):	Approximately 24 hours per coat
Wet Mil Thickness:	(1.0 Gallon/100SF) – 16 wet mils
Dry Mil Thickness:	(1.0 Gallon/100SF) – 8 dry mils
Total Solids (by weight):	64% ± 3%
Total Solids (by volume):	50% ± 2%
Specific Gravity:	1.20 ± 0.09
Weight per Gallon:	10.1 ± 0.5 lbs.
Viscosity (75°F):	11,000 ± 2,000 cps
Tensile Strength:	565 psi ± 10%
Elongation:	650%
Initial Reflectivity:	0.84 (white only)
Aged Reflectivity:	0.59 (white only)
Initial Emissivity:	0.90 (white only)
Aged Emissivity:	0.67, 3 year (white only)
Initial SRI:	106 (white only)
Aged SRI:	71 (white only)
Storage:	Store in well-ventilated area at 50°F to 80°F; protect from freezing
Shelf Life:	1 year
Clean-Up:	Mineral spirits

LEED® Credit
Available



State of
Florida
Approved

