



Surface Seal SB – Data Sheet

PRODUCT DESCRIPTION

Surface Seal SB Roof Coating is a solvent-based, sprayable thermoplastic rubber coating, which cures to form a seamless membrane. It is durable and highly flexible to accommodate temperature related expansion and contraction of the roof system. **Surface Seal SB** (white only) is listed by the Cool Roof Rating Council for solar reflectance and thermal emittance. Available in white and custom colors. Ideal for application on most commercial roofs in temperatures as low as 40° F, provided product is stored at room temperature prior to installation.

APPROVED SUBSTRATES

Smooth and granulated asphaltic membranes, metal, wood, concrete, and single ply roofing.

PACKAGING SIZES

5-gallon (18.9 liter) pail
55-gallon (208 liter) drum

STORAGE & SHELF LIFE

PRODUCT STORAGE TEMPERATURE:
50°F – 90°F (10°C – 32°C) Do NOT allow coating to freeze.

SHELF LIFE: 24 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area.

APPLICATION

INSTRUCTIONS

SUBSTRATE PREPARATION: Roof must have positive drainage, and be clean and dry with no trapped moisture. Repair damaged membrane, flashings, and penetrations. Conduct test patches to verify adhesion of coating prior to start of work. Priming of substrate is recommended and may be required. See *Liquid-Applied Roofing Manual* at gaf.com.

MIXING: Mix uniformly for 3 minutes prior to use. Do NOT attempt to thin or self-tint.

APPLICATION: Apply by brush, roller, or airless sprayer evenly at the rates specified below. Do NOT apply more than 1.5 gallons per 100 ft² (6.1 L per 10 m²) in a single coat. Apply additional coats perpendicular to the previous coat once it is dry enough to walk on. Total coverage is dependent on the substrate.

PHYSICAL PROPERTIES¹

Solids by Weight	64% [ASTM 2369]
Solids by Volume	50% [ASTM 2697]
Weight per Gallon/Liter	10.1 lb. (kg) [ASTM 1475]
Tensile Strength	750 PSI [ASTM D2370]
Elongation	700% [ASTM D2370]
VOC	429 g/L
Dry Time*	Approximately 24 hours per coat
Solar Reflective Index (SRI)	WHITE (Smooth) Initial: 106 Aged: 71
Standard Colors	White

1. Values are approximate and subject to normal manufacturing variations. These values are not guaranteed and are provided solely as a guide.

For application questions, contact GAF Technical Support Services at **1-877-GAF-ROOF**

We protect what matters most™



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WARRANTY

Refer to applicable warranties and guarantees, available at gaf.com, for complete coverage and restrictions.

LIMITATIONS & PRECAUTIONS

APPLICATION AIR TEMPERATURE:
Min. 40°F (4.4°C). Do NOT heat containers.

APPLICATION SURFACE
TEMPERATURE: 40°F – 110°F (4.4°C – 43°C). Cool temperatures/high humidity may slow curing.

Do NOT apply if rain, dew, fog, heavy moisture, condensation, or freezing temperatures are in the 8-hour forecast to ensure proper cure.

Call GAF Technical Support Services for temperature ranges outside these limits.

SAFETY & HANDLING

For specific information regarding safe handling of this material please refer to the Safety Data Sheet (SDS).

CLEAN UP

Mineral spirits.

APPROVALS

Underwriters Laboratories	ANSI/UL790 Class A* Roofing Fire Rating
Factory Mutual Approved**	FM4470
FBC (Florida Building Code)	FL620; FL4911; FL20663
Miami-Dade County NOA***	19-0207.07, 18-0119.11
CRRC (Cool Roof Rating Council) Coolroofs.org	WHITE (Smooth) Solar Reflectance Initial: 0.84 Aged: 0.59
Product ID 0676-0007	Thermal Emittance Initial: 0.90 Aged: 0.87

*Refer to UL Product iQ for actual assemblies

**Refer to FM RoofNav for actual assemblies.

***Formerly known as "TOPCOAT Surface Seal SB"