

GAF Surface Seal SB

Thermoplastic Rubber Coating



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. 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:

Metal, EPDM, Smooth and granulated asphaltic membranes, TPO & structural concrete.

Packaging Sizes:

- 5 gallon (19 liters) pail
- 55 gallon (208 liter) drum

Storage and 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. Allow a minimum of 24 hours between coats on asphalt and EPDM roofs. For all other roof types, allow four hours between primer and/or base coats and the finish coat. Total coverage is dependent on the substrate.

Warranty:

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

Limitations and Precautions:

Application Air Temperature: min. 40°F (4°C). Do not heat containers.

Application Surface Temperature: 40°F (4°C) and rising. Care should be taken when coating surfaces above 120°F. Contact GAF Design Services if you have application questions. Do NOT apply if rain, dew, fog, heavy moisture, condensation, or freezing temperatures are in the 8-hour forecast to ensure proper cure. Cool temperatures/high humidity may slow curing.

Safety and Handling:

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

Clean Up:

Use mineral spirits or xylene to thoroughly flush equipment.



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For additional information, contact GAF Design Services at 1-877-423-7663 or designservices@gaf.com

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Liquid Physical Properties

Type	ASTM Test Method	Test Values*
Volume Solids	ASTM D2697	45%
Weight Solids	ASTM D2369	57%

Cured Film Physical Properties

Type	ASTM Test Method	Test Values*
Initial Percent Elongation	ASTM D2370	700%
Initial Tensile Strength	ASTM D2370	1100 PSI
Weight per Gallon / per Liter	—	10.5 lb. (1.26 kg)

Cured Film Physical Properties

Type	ASTM Test Method	Test Values*
Weight per Gallon/Liter	ASTM 1475	9.9 lb. (1.18 kg)
VOC	ASTM D2370	< 550 g/L
Standard Colors	—	White, Light Gray

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