SURFACE SEAL SB

Thermoplastic Rubber | Liquid-Applied Roofing



OVER STRUCTURAL
CONCRETE



SURFACE SEAL SB

Thermoplastic Rubber | Liquid-Applied Roofing

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PRIMER

2.50 gal/SQ - Smooth Surface
12.5 SQ per 5-gal A+B kit



Coverage rates are estimates only. Actual usage will vary by surface and conditions.
Refer to Technical Data Sheet for product specific application and surface temperature restrictions.

MEMBRANE

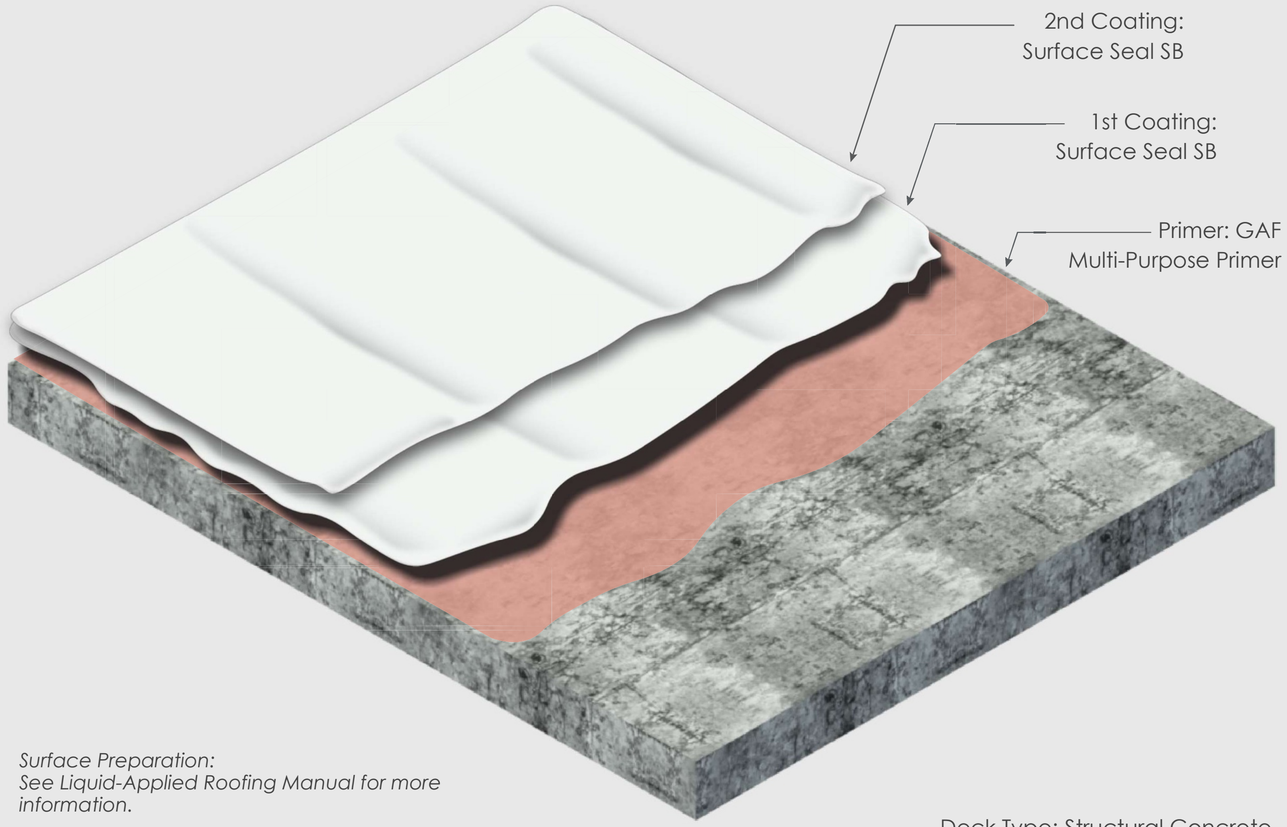
- Solvent-based, cures to form a seamless rubber membrane
- Do NOT apply more than 1.5 gallons per 100 ft² in a single coat.
- APPLICATION SURFACE TEMPERATURE: 40°F - 100°F

STANDARD COLORS

WHITE	GRAY



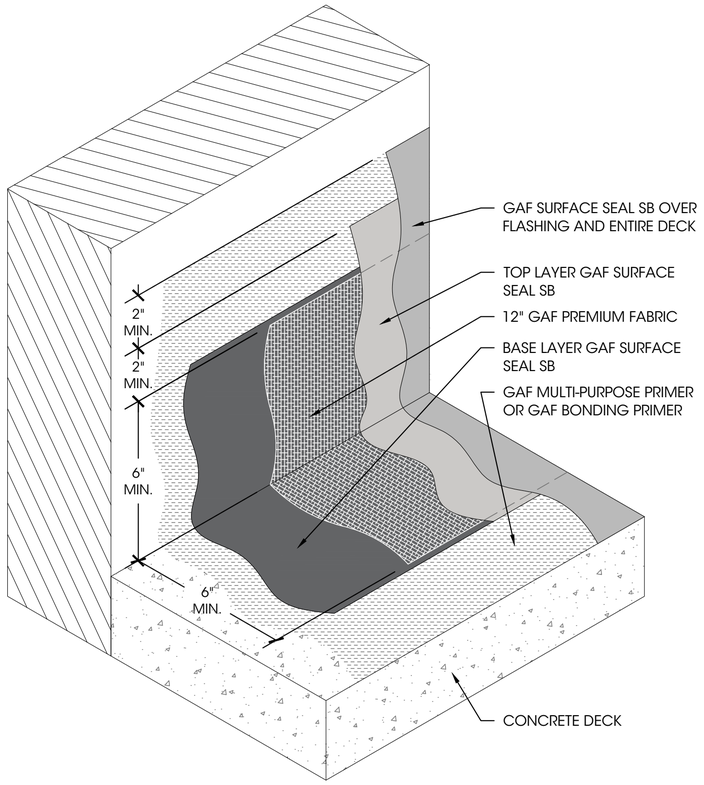
Surface Seal SB over Structural Concrete



Surface Preparation:
See Liquid-Applied Roofing Manual for more information.

Deck Type: Structural Concrete

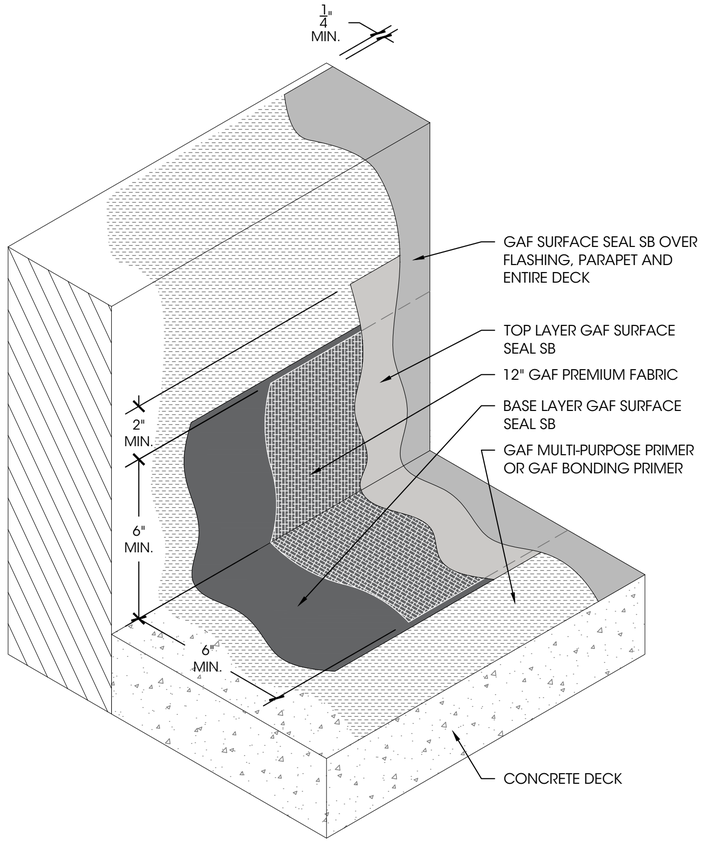
10-Year Rate	15-Year Rate	20-Year Rate
3 Gal/Sq	**4** Gal/Sq	**5** Gal/Sq
24 DFT², mils	32 DFT², mils	40 DFT², mils
1.66 Sq per 5-gal pail	1.25 Sq per 5-gal pail	1 Sq per 5-gal pail



NOTES:
1. REQUIREMENTS AND RECOMMENDATIONS OUTLINED IN THE APPLICABLE GAF MANUAL OR GUIDE SHALL APPLY IN ADDITION TO THE DRAWING ABOVE.

1 WALL FLASHING

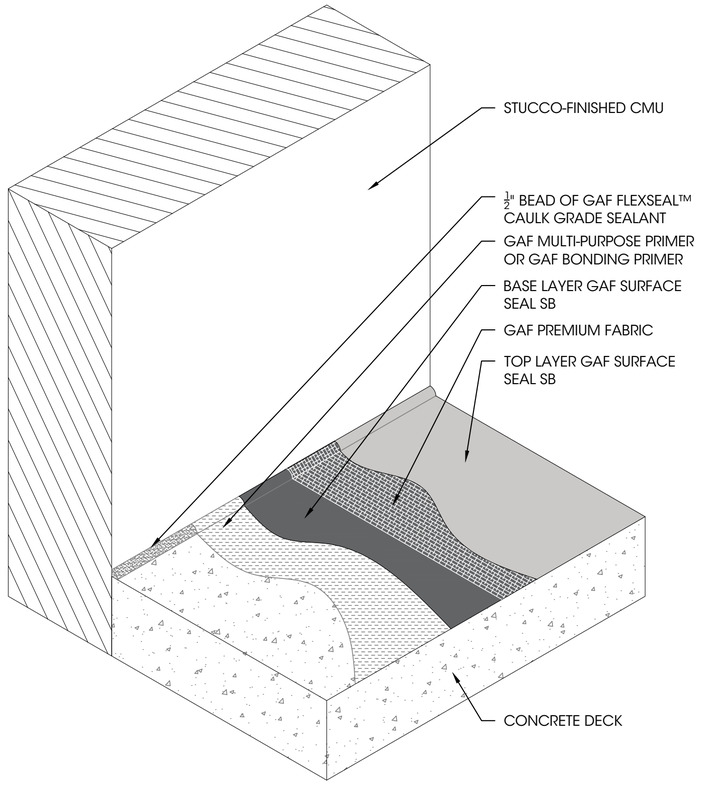
NOT TO SCALE



NOTES:
1. REQUIREMENTS AND RECOMMENDATIONS OUTLINED IN THE APPLICABLE GAF MANUAL OR GUIDE SHALL APPLY IN ADDITION TO THE DRAWING ABOVE.

2 WALL FLASHING WITH PARAPET CAP

NOT TO SCALE



3 WALL FLASHING AT STUCCO WALL

NOT TO SCALE

GAF Field Services

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Legend:
Primer

—

Product:
GAF Surface Seal SB

Drawn By:
Brandon Walsh

Issue Date:
2/7/2025

Detail No.
CD-25
02-055

1 Campus Drive, Parsippany NJ 07054 | Toll Free 877.423.7664 | gaf.com

Membrane Type: Liquid Applied Membrane
Deck Type 3: Concrete Decks, Non-Insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type F(4): Fully adhered liquid applied system.

All General Limitations apply.

GAF products shall be installed in accordance with the manufacturer's specifications. The following are minimum installation guidelines. Consult the manufacturer's specifications or Technical Repersentative for specific/complete installation instructions.

Substrate Preparation: All surfaces must be dry and free of depressions, voids protrusions; clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.

Primer (optional): Apply one coat of GAF Bonding Primer at 0.20-0.25 gal/100ft^2 or one coat of GAF Multi-Purpose Primer at 0.5-0.66 gal/100ft^2.

Coating: Apply two or more coats of GAF Surface Seal SB Thermoplastic Rubber Coating at a rate of 1.5 gallons per square per coat. Allow 24 hours drying time prior to allowing foot traffic or inspection of roof surface.

Maximum Design Pressure: –1237.5 psf. (See General Limitation #9

MANUFACTURER'S REQUIREMENTS:

1. All work shall be performed by a Contractor licensed to do roofing/waterproofing and be a GAF "Approved Applicator", trained and familiar with the details and specifications published by the manufacturer. Proof of this qualification shall be provided in written form from the manufacturer.
2. Refer to GAF's published installation instructions for detailed installation requirements and recommendations.

MIAMI-DADE COUNTY APPROVED

"EnergyGuard™ RA HD" or "EnergyGuard™ RN" or "EnergyGuard™ RM" or "EnergyGuard™ Barrier" or "EnergyGuard™ NH Barrier", any thickness, mechanically fastened.
Membrane: — "EverGuard® TPO" 45-mil to 80-mil or "EverGuard Extreme® TPO" 50-mil to 80-mil, mechanically fastened.

Class C - Mechanically Fastened

1. **Deck:** NC **Incline:** Unlimited
Insulation (Optional): — "EnergyGuard™" or "EnergyGuard™ Ultra" or "Energy Guard™ RF" or "EnergyGuard™ RA" or "EnergyGuard™ RA Tapered" or "EnergyGuard™ RA Ultra" or "EnergyGuard™ RA Ultra Tapered" or "EnergyGuard™ RA HD" or "EnergyGuard™ RN" or "EnergyGuard™ RM" POLYISOCYANURATE or wood fiber or glass fiber or perlite, any thickness, mechanically fastened.
Membrane: — "EverGuard® TPO" 45-mil to 80-mil or "EverGuard Extreme® TPO" 50-mil to 80-mil, mechanically fastened.

2. **Deck:** C-15/32 **Incline:** Unlimited
Barrier Board: — Minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard" or minimum 1/4-in. thick United States Gypsum Co. "SECUROCK® Roof Board" (Type FRX-G)" or "SECUROCK® Glass-Mat Roof Board" (Type SGMRX) or minimum 1/4-in. thick National Gypsum Co "DEXcell Glass Mat Roof Board" or "DEXcellFA Glass Mat Roof Board" or minimum 1/2-in. thick gypsum board mechanically fastened with all butt joints staggered a minimum of 6-in. from the plywood roof deck butt joints.
Insulation (Optional): — "EnergyGuard™" or "EnergyGuard™ Ultra" or "Energy Guard™ RF" or "EnergyGuard™ RA" or "EnergyGuard™ RA Tapered" or "EnergyGuard™ RA Ultra" or "EnergyGuard™ RA Ultra Tapered" or "EnergyGuard™ RA HD" or "EnergyGuard™ RN" or "EnergyGuard™ RM" polyisocyanurate or wood fiber or glass fiber or perlite, any thickness, mechanically fastened.
Membrane: — "EverGuard® TPO" 45-mil to 80-mil or "EverGuard Extreme® TPO" 50-mil to 80-mil, mechanically fastened.

FLUID APPLIED COATING SYSTEMS

Class A

1. **Deck:** NC **Incline:** Unlimited
Surfacing: — "Surface Seal SB Thermoplastic Rubber Coating" applied at a rate of 2-1/2 gal./100-ft.^{2}.

MAINTENANCE AND REPAIR SYSTEMS (PVC)
Class A

1. **Deck:** NC **Incline:** 1/2
Existing Roof System: — Insulated or noninsulated cap sheet, smooth or gravel surfaced (loose gravel may be removed).
Barrier Board (Optional): — Minimum 1/2-in. thick plywood.
Insulation/Slip Sheet: — One of the following insulations or insulation/slip sheet combinations:
a. Perlite, any thickness / (optional) One ply Atlas Roofing Corp. "FR-10".

b. "EnergyGuard™" or "EnergyGuard™ NH" or "EnergyGuard™ Ultra" or "EnergyGuard™ NH Ultra" or "EnergyGuard™ RA" or "EnergyGuard™ RA Tapered" or "EnergyGuard™ RA Ultra" or "EnergyGuard™ RA Ultra Tapered" or "EnergyGuard™ RA HD" or "EnergyGuard™ RN" or "EnergyGuard™ RF" or "EnergyGuard™ RM", any thickness / One ply Atlas Roofing Corp. "FR-10".

c. Dow Chemical "Styrofoam SM", any thickness / One ply Atlas Roofing Corp. "FR-10".

d. BASF EPS (uniform or tapered), any thickness, covered with perlite (3/4-in. minimum) / (optional) One ply Atlas Roofing Corp. "FR-10".

e. ARCO Chemical "ARCOR MB" or "ARCOR FM-1", 1.6-in. minimum.

Membrane: — "EverGuard® PVC", "EverGuard® PVC KEE", "EverGuard® PVC XK" or "EverGuard® PVC Smooth" 50 to 80-mil, mechanically fastened.

2. **Deck:** NC **Incline:** 1

PRIME

ENHANCED ADHESION



GAF **Multi-Purpose Primer**

Part A	4 gal - 891435000	Part A	1 gal - 891433000
Part B	1-gal - 891436000	Part B	1 pint - 891434000

Priming of substrate is recommended and may be required. See GAF Liquid-Applied Roofing Manual at gaf.com.

FLASH

Prevent Leaks



FLASHING:

89SS920 - Surface Seal SB 5-GAL - White

8962920WP - FlexSeal Caulk Grade White 10oz Tube 20/box



REINFORCING FABRIC

890063000 - **12”** x 300’ Premium Fabric



APPLY



Surface Seal SB (Solvent-Based)

THERMOPLASTIC RUBBER

5-GAL - 89SS920 - White

5-GAL - 890815419 - Light Gray

54-GAL - 89SD920 - White

GAF Liquid-Applied Roofing

Packaging and Coverage Rates

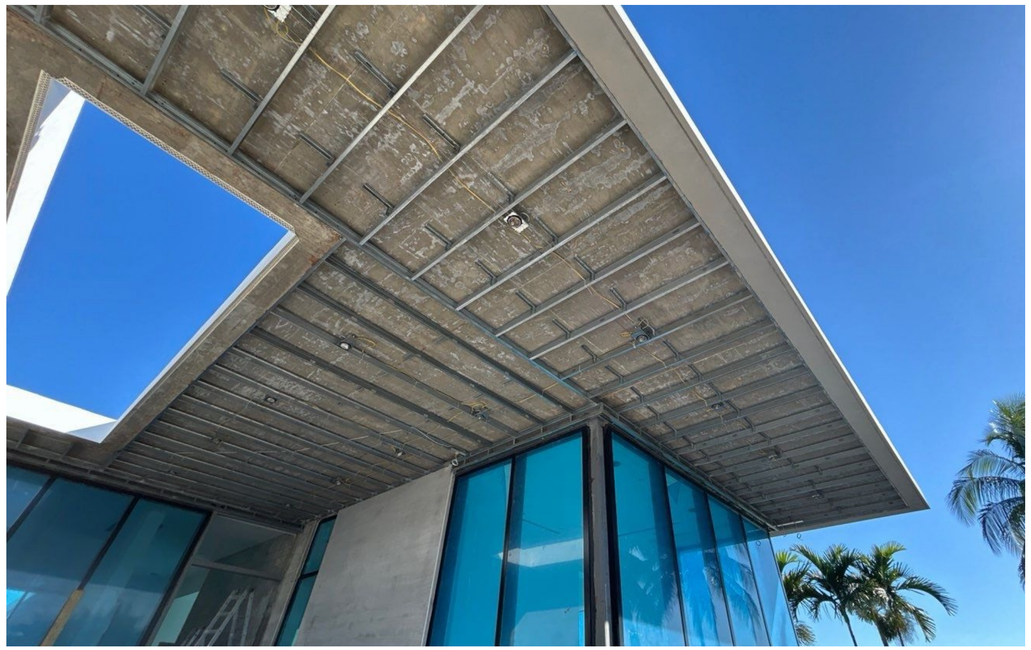
Based on minimum installation guidelines, reference GAF Liquid-Applied manual for coverage rate guidance

PRODUCTS	UNIT'S PER PALLET	SQ'S PER PALLET	SQ'S PER UNIT
Surface Seal SB 5-gal	**36 Pails/ pallet**	**60 SQ / Pallet**	**1.6 SQ / 5-gal pail**
FlexSeal™ Sealant 5-gal	36 Pails/ pallet	5,400 LN. FT / Pallet (with fabric)	150 LN.FT / 5-gal pail (with fabric)
FlexSeal™ Caulk Grade 10oz - 20 Tubes/box	60 Box/ pallet	N/A	N/A
Premium Fabric 12"	25 Rolls/ pallet	7,500 LN.FT / Pallet	300 LN.FT / roll
GAF Multi-Purpose Primer A 1-gal	180 Pails/ pallet	360 SQ / Pallet	2 SQ / 1-gal pail
GAF Multi-Purpose Primer B 1-pint	-	-	-
GAF Multi-Purpose Primer A 4.5-gal	36 Pails/ pallet	360 SQ / Pallet	10 SQ / 5-gal pail
GAF Multi-Purpose Primer B 0.5-gal	180 Pails/ pallet	-	-

The amount of coating required and number of coats is determined by duration and warranty specified. Coverage also varies with the specific substrate being coated; consult Technical Sales Representative for coverage rate guidance.

GAF and its representatives can not be responsible for variations in material needed and material costs.







LIQUID-APPLIED
ROOFING & WATERPROOFING

Daniel Peña

GET PEACE OF MIND WITH A GAF PRO

305.812.6865

daniel.pena@gaf.com



Photo taken at #WALLOFWIND

There’s a liquid solution for your roof - talk to GAF first