



Bleed-Block Asphalt Primer – Data Sheet

PRODUCT DESCRIPTION

GAF Bleed-Block Asphalt Primer is a water-based acrylic primer used under GAF High Solids Silicone to provide bleed blocking on asphalt roofs.

GAF Bleed-Block Asphalt Primer is designed for easy application with conventional or airless spray equipment, as well as brush or roller.

APPROVED SUBSTRATES

New and existing asphaltic roofs. New asphaltic roofs should be weathered for at least 30 days. Do NOT use on gravel-surfaced roofs or shingle roofs.

PACKAGING SIZES

5 gallon (19 liter) pail
55 gallon (208 liter) drum
275 gallon (1041 liter) tote

STORAGE & SHELF LIFE

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

SHELF LIFE: 18 months from date of manufacture in unopened containers, if stored properly.

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 rate of 1.0 gallon per 100 ft² for smooth asphaltic and 1.5 gallon per 100 ft² for granulated asphaltic surfaces. Do NOT apply more than 1.5 gallons per 100 ft² (6.1 L per 10 m²). Total coverage is dependent on the substrate. Allow primer to cure 8 hours prior to installing subsequent top coats. Primer must be fully cured and dry prior to any application of any subsequent coatings products.

LIMITATIONS &

PRECAUTIONS

APPLICATION AIR TEMPERATURE: Min. 50°F (10°C). Do NOT heat containers.

APPLICATION SURFACE TEMPERATURE: 50°F (10°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 & HANDLING

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

CLEAN UP

Use water and soap to thoroughly flush equipment.

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

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PHYSICAL PROPERTIES

Table 1: Liquid Physical Property Requirements

Type	ASTM Test Method	Test Values ¹
Volume Solids	ASTM D 2697	51%
Weight Solids	ASTM D 1644	65%

Table 2: Cured Film Physical Property Requirements

Type	ASTM Test Method	Test Values ¹
Initial Percent Elongation	ASTM D 2370	200-300%
Initial Tensile Strength	ASTM D 2370	200 - 300 psi (1.38 - 2.07 MPa)

Table 3: Additional Physical Properties

Type	ASTM Test Method	Test Values ¹
Weight per Gallon	-	11.6 lbs
VOC	-	<50 g/L
Dry Time	ASTM D 5895	3 hours @ 70°F (21°C), 50% R.H. White @ 16 wet mils (406 microns) *Required time will increase at higher humidity and/or lower temperatures
Service Temperature Limits (Installed Coating)	-	0°F-200°F (-18°C-93°C)
Standard Colors	-	Light Blue

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

