

Bonding Primer – Data Sheet

PRODUCT DESCRIPTION

GAF Bonding Primer is a two-component, epoxy polyamide penetrating primer/sealer. It is specially formulated to penetrate, prime, and seal porous surfaces.

APPROVED SUBSTRATES

Aluminum, coated steel, galvanized metal, stainless steel, copper, concrete, wood, transite panels, masonry, and existing coatings.

PHYSICAL PROPERTIES¹

Solids by Weight	(Mixed) 58% [ASTM D2369]
Solids by Volume	(Mixed) 53% [ASTM D2697]
VOC	<420 g/L (after mixing)
Dry Time	1 hour @ 75°F (24°C), 50% RH
Cure Time	6 hours @ 75°F (24°C), 50% RH
Mixing Ratio	1 to 1 by volume (1A:1B)
Mixed Usable Pot Life	8 hours @ 75°F (24°C), 50% RH 4 hours @ 95°F (35°C), 50% RH
Service Temperature Limits	-70°F to 150°F (-56°C to 66°C)
Color	Standard Clear

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

APPLICATION

INSTRUCTIONS

SUBSTRATE PREPARATION: Surface must have positive drainage and be clean and dry with no trapped moisture. Repair damaged membrane, flashings, and penetrations. See *Liquid-Applied Roofing Manual* at gaf.com.

MIXING: Mix Part A with an equal amount of Part B. Stir thoroughly for five (5) minutes. After mixing, allow a minimum of thirty (30) minutes for sweat-in before using.

APPLICATION: Apply by brush, roller or sprayer at the rates specified below. Apply evenly at a rate of 0.2 gal/100 ft² (0.8 L/10 m²) per coat for non-porous substrates and 0.5 gal/100 ft² (2.0 L/10 m²) for porous substrates. **GAF Bonding Primer** is not designed to form a heavy surface film. Over-application will reduce adhesion strength. Allow primer to dry. Primer **MUST** be top-coated within 24 - 48 hours of application or the top coat will not achieve a chemical bond with the Bonding Primer. See gaf.com for more information.

WARRANTY

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

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.

PACKAGING SIZES

Part A:
1 gallon (3.8 liter) bucket
5 gallon (19 liter) pail

Part B:
1 gallon (3.8 liter) bucket
5 gallon (19 liter) pail

STORAGE & SHELF LIFE

PRODUCT STORAGE TEMPERATURE: 50°F - 90°F (10°C - 32°C). Do NOT allow the product to freeze.

SHELF LIFE: 24 months in unopened containers, if stored properly.

SAFETY & HANDLING

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

CLEAN UP

Use Methyl Ethyl Ketone (MEK) or Xylene to thoroughly flush equipment.

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