

GAF Bonding Primer



Description:

GAF Bonding Primer is a two-component, epoxy polyamide penetrating primer/sealer. It is designed to seal porous substrates while improving adhesion for top coats.

Approved Substrates:

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

Packaging Sizes:

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

Storage and Shelf Life:

Product Storage Temperature: 50°F – 90°F (10°C – 32°C) do not allow coating to freeze.

Shelf Life: 12 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area.

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 uniformly for a minimum of 3 minutes prior to use. Do NOT attempt to thin or self-tint.

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 and 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 and 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.



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

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Physical Properties

Type	ASTM Test Method	Test Values*
Volume Solids	ASTM D2697	53%
Weight Solids	ASTM D 1644	58%
VOC	—	<420 g/L (after mixing)
Dry Time	ASTM D1640	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 - 150°F (-56°C - 66°C)
Standard Color	—	Clear

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