



Acrylic Base Coat – Data Sheet

PRODUCT DESCRIPTION

GAF Acrylic Base Coat is an elastomeric acrylic coating used in a basecoat/topcoat system to improve the adhesion of GAF Acrylic Top Coat. Additionally, **GAF Acrylic Base Coat** can provide bleed-blocking on aged asphaltic surfaces.

GAF Acrylic Base Coat is designed for easy application with conventional or airless spray equipment, as well as brush or roller.

APPROVED SUBSTRATES

New and existing metal, structural concrete, TPO, PVC, Hypalon®, SPF, and asphaltic roofs. New TPO and asphaltic roofs should be weathered for at least 30 days. Do NOT use on EPDM, 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.

SHELF LIFE: 18 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 in the chart below. Do NOT apply more than 1.5 gallons per 100 ft² (6.1 L per 10 m²). Total coverage is dependent on the substrate. See below for minimum coverage requirements.

WARRANTY

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

APPLICATION RATE FOR LIMITED WARRANTY ON GAF LIQUID-APPLIED ROOF COATINGS

Limited Warranty Term	5 Years
Number of Gallons Per Square	1.5
Dry Film Thickness (Mils)	12
For system guarantees and warranties, see <i>Liquid-Applied Roofing Manual</i> at gaf.com .	

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, refer to product 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**

We protect what matters most™





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PHYSICAL PROPERTIES

Table 1: Liquid Physical Property Requirements

Type	ASTM Test Method	Test Values ¹
Volume Solids	ASTM D 2697	52%
Weight Solids	ASTM D 1644	66%

Table 2: Cured Film Physical Property Requirements

Type	ASTM Test Method	Test Values ¹
Initial Percent Elongation	ASTM D 2370	135%
Initial Tensile Strength	ASTM D 2370	182 psi
Permeance	ASTM D 1653	2.7 US perms at 22 dry mils (155 ng/(Pa.s.m ²) @ 560 microns)
Low Temperature Flexibility	ASTM D 522	Passes 180° flex over 1/2" (1.2 cm) mandrel @ -5°F (-21°C)

Table 3: Additional Physical Properties

Type	ASTM Test Method	Test Values ¹
VOC	-	<25 g/L
Hardness	ASTM D 2240	Hardness 60 to 70 Shore A
Dry Time	ASTM D 5895	4 hours at 75°F (24°C), 50% R.H. Light Gray at 16 wet mils (406 microns) *Required times will increase at higher humidities
Service Temperature Limits (Installed Coating)	-	0°F–200°F (-18°C–93°C)
Standard Colors	-	Light Gray and Light Tan

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

APPROVALS

ANSI/UL 790 Class A	UL Listed*
Factory Mutual (FM 4470)	FM Approved** Passes FM Severe Hail**
Miami-Dade County NOA***	20-0130.07

*Refer to UL Product iQ for actual assemblies

**Refer to FM RoofNav for actual assemblies.

*** GAF Acrylic Base Coat formerly known as "United Coatings™ Roof Mate™ Base Coat

