

GAF Acrylic Top Coat



Description:

GAF Acrylic Top Coat is a water based, acrylic elastomeric top coat that is part of the GAF Acrylic Coating System. GAF Acrylic Top Coat is designed to be applied over GAF Acrylic Base Coat. GAF Acrylic Top Coat forms a monolithic coating that helps provide protection against damage from the exposure to UV and weather elements. It is also effective in sealing and encapsulating spray polyurethane foam (SPF).

Approved Substrates:

New and existing metal, structural concrete, TPO, PVC, Hypalon®, SPF, EPDM, and asphaltic roofs. New TPO and 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 (1040 liter) tote

Storage and 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 below. Do NOT apply more than 1.5 gallons per 100 ft² (6.1 L per 10 m²) in a single coat. Apply additional coats perpendicular to the previous coat once it is dry enough to walk on. Total coverage is dependent on the substrate.

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 water and soap to thoroughly flush equipment.



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

We protect what matters most™

GAF

Physical Properties — (ASTM D 6083-21)

Liquid Physical Property Requirements

Type	ASTM Test Method	ASTM Minimum Values (Type 1)	Test Values*
Volume Solids	ASTM D2697	≥50%	53%
Weight Solids	ASTM D1644	≥60%	66%

Film Physical Property Requirements

Type	ASTM Test Method	ASTM Minimum Values (Type 1)	Test Values*
Initial Percent Elongation	ASTM D2370	Min. 100% @73°F	258%
Initial Tensile Strength	ASTM D2370	Min. 200 psi @73°F	284 psi
Final Percent Elongation	ASTM D2370	Min. 100% @73°F	Pass
Permanence	ASTM D1653	Max. 50 perms	Meets ASTM D6083
Accelerated Weathering	ASTM D4798	No cracking/checking	1,000 hours: Pass
Low Temperature Flexibility	ASTM D522	Min. Pass 0.5" mandrel -15°F	Passes Type I

Additional Physical Properties

Type	ASTM Test Method	Test Values*
Weight per Gallon/Liter	—	11.8 lb. (1.41 kg)
VOC	—	<25 g/L
Hardness	ASTM D2240	55-65 Shore A
Bond Strength	ASTM C297	Exceeds cohesive strength of coating
Dry Time	ASTM D5895	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
High-Temperature Stability	ASTM D794	No age hardening up to 250°F (121°C)
Resistance to Wind-Driven Rain	Federal Specification — TTC-555B	0.3% moisture result
Service Temperature Limits (Installed Coating)	—	-30°F to 200°F (-35°C to 93°C)
Standard Colors	—	White, Light Gray, Dark Gray, Tan, Light Tan. Customized tinting available.

Approvals



CRRC (Cool Roof Rating Council)
coolroofs.org

Product ID	Type	Solar Reflectance	Thermal Emittance	Solar Reflectance Index (SRI)
Smooth White 0614-0004a	Initial	0.83	0.92	105
	Aged	0.71	0.90 [†]	87



UL Listed
ANSI/UL 790 Class A. Refer to UL Product iQ for actual assemblies.



Title 24
Can be used to comply with Title 24, Part 6, Cool Roof Requirements of the California Code of Regulations.



FM Approved
FM 4470
Refer to RoofNav for actual assemblies.



Miami-Dade County Product Control Approved¹
20-0130.07

State of Florida Approved
FL620

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

[†] Formerly known as "Roofmate Top Coat"