

GAF PremiumAcrylic

HydroStop® Base Coat



Description:

GAF Premium Acrylic HydroStop® Base Coat is a high solids elastomeric acrylic coating used in a basecoat/topcoat system to improve the adhesion of GAF Premium Acrylic HydroStop® Top Coat. GAF Premium Acrylic HydroStop® 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, asphaltic roofs, TPO, PVC, Hypalon®, EPDM, Polyisocyanurate, Gypsum Roof Board and SPF. 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:

- 2 gallon (7.6 liter) bucket
- 5 gallon (19 liter) pail
- 55 gallon (208 liter) drum
- 275 gallon (1041 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 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.

For fabric-embedded applications, use brush only. Apply one coat of GAF Premium Acrylic HydroStop® Base Coat to the substrate, lay GAF Premium Fabric (sizes vary) into the wet material, and immediately apply an additional coat of GAF Premium Acrylic HydroStop® Base Coat over the top to saturate the fabric. Total application rate should not exceed 2.5 gallons per 100 ft² (10.2 L per 10 m²).

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.



Visit gaf.com

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	Test Values*
Viscosity	ASTM D 2196	Brookfield 6rpm: 34,000 CPS
Volume Solids	ASTM D2697	52%
Weight Solids	ASTM D1644	66%




Film Physical Property Requirements

Type	ASTM Test Method	Test Values*
Initial Percent Elongation	ASTM D2370	Initial: 323%
Initial Tensile Strength	ASTM D2370	217 psi
Final Percent Elongation	ASTM D2370	Post 1,000 hrs Xenon: 122%
Permanence	ASTM D1653	4.9 US perms
Water Swelling	ASTM D471	Meets ASTM D6083
Accelerated Weathering	ASTM D4798	1,000 hours: Pass
Adhesion	ASTM D903	Meets ASTM D6083
Fungi Resistance	ASTM G21	0 rating
Tear Resistance	ASTM D624	82 lbf/in
Low Temperature Flexibility	ASTM D522	Pass, -15°F after 1,000 hrs Xenon

Additional Physical Properties

Type	ASTM Test Method	Test Values*
Weight per Gallon/Liter	—	11.7 lb. (1.4 kg)
VOC	—	<100 g/L
Dry Time	ASTM D 5895	(Touch dry) 1 – 4 hours at 77°F @ 40% RH
Full Cure	ASTM D 5895	7 days
Service Temperature Limits (Installed Coating)	—	-30°F to 200°F (-37°C to 93°C)
Standard Colors	—	Patina Green

Approvals

	UL Listed ANSI/UL 790 Class A. Refer to UL Product iQ for actual assemblies.		Miami-Dade County Product Control Approved[†] 21-0105.10
	FM Approved FM 4470 Refer to RoofNav for actual assemblies.	ANSI/UL 790 Class A	

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. For specific physical property information on GAF Premium Acrylic HydroStop® Top Coat and Fabric components or information on GAF Premium Acrylic HydroStop® System, please refer to individual Technical Data Sheets.

[†] GAF Premium Acrylic HydroStop® Top Coat formerly known as "HydroStop® PremiumCoat Finish Coat"