GAF PremiumAcrylic

HydroStop® **Top Coat**

Description:

GAF Premium Acrylic HydroStop® Top Coat is a professional grade, water-based, acrylic elastomeric coating that is part of the GAF Premium Acrylic HydroStop® Coating System. GAF Premium Acrylic HydroStop® Top Coat can be used over a variety of substrates to help provide protection against damage from exposure to UV and weather elements. Used in conjunction with GAF Premium Acrylic HydroStop® Base Coat and GAF Premium Fabric, it creates the GAF Premium Acrylic HydroStop® System, a liquid-applied membrane for recover, reroof and new roof applications.

Approved Substrates:

New and existing metal, structural concrete, TPO, PVC, Hypalon®, EPDM, SPF, polyiso, gypsum roof board, 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 (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 below. Do NOT apply more than 1.5 gallons per 100 ft^2 (6.1 L per 10 m^2) 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.

Visit **gaf.com**

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

We protect what matters most™

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HydroStop® Top Coat

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%	52%
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	Initial: 306%
Initial Tensile Strength	ASTM D2370	Min. 200 psi @73°F	207 psi
Final Percent Elongation	ASTM D2370	Min. 100% @73°F	Post 1,000 hrs Xenon: 148%
Permanence	ASTM D1653	Max. 50 perms	3.9 US perms
Water Swelling	ASTM D471	Max. 20% (mass)	Meets or exceeds
Accelerated Weathering	ASTM D4798	No cracking/checking	1,000 hours: Pass
Adhesion	ASTM D903	Min. 2.0 pli wet	8.7 pli
Fungi Resistance	ASTM G21	0 rating	0 rating
Tear Resistance	ASTM D624	>60 lbf/in	93 lbf/in
Low Temperature Flexibility	ASTM D522	Min. Pass 0.5" mandrel -15°F	Pass, -15°F after 1,000 hrs Xenon (Type I)

Additional Physical Properties

Type	ASTM Test Method	Test Values*
Weight per Gallon/Liter	—	12.0 lb. (1.4 kg)
VOC	—	<25 g/L
Dry Time	ASTM D 5895	(Dry to Touch) 1–2 hours at 72°F @ 50% RH
Full Cure	ASTM D 5895	100 min
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 0676-0160	Initial	0.83	0.92	87
	Aged	0.71	0.90‡	82

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

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

FM Approved
Refer to RoofNav for actual assemblies.

Miami-Dade County Product Control Approved†
21-0105.10

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 ® Base 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"

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