HydroStop®

Silicone Hybrid Roof System

WARRANTY / GUARANTEE / RENEWA



WASH

CLEAN & DRY



CLEANER

890506000 - GAF Cleaning Concentrate 1-GAL
890507000 - GAF Cleaning Concentrate 5-GAL

SEAL

PREVENT LEAKS



Silicone **Mastic**

891508920AV - GAF Silicone Mastic 2 Gal Light Gray or White

891513920AV - GAF Silicone Mastic 20 oz - White 12 Tubes/Box

COAT

PROTECT & REFLECT



GAF **High-Solids Silicone as Top Coat**

891416 GAF High Solids Silicone - Standard Colors - 5 GAL
891417 GAF High Solids Silicone - Standard Colors - 55 GAL

GAF **HydroStop®**
Liquid Applied Roof System

WARRANTY / GUARANTEE EXTENSION / RENEWAL

Renewable and Sustainable Roofing System

GAF

We protect what matters most™

Version 2.2

LIQUID-APPLIED ROOFING

Manual





Download GAF Liquid-Applied Roofing Manual CLICK HERE

GAF

HIGH SOLIDS SILICONE RE-COAT QUICK SPEC

EXISTING COATING† OVER NON-METAL

NOTE: The following "Quick Spec" is an abbreviated specification and is not meant to replace the detailed specification. Complete 3-part CSI System Specifications are available at www.gaf.com.

METHOD REQUIREMENTS

Required:

- Adhesion test required.
- Moisture survey required
- Remove and replace any wet areas
- Repair membrane with like materials
- Roof must be clean, dry and tight
- Apply at 40°F (4°C) and rising with no rain, dew, fog or freezing temperatures in forecast for 8 hours
- Power washing required
- Contact GAF Design Services for coating over aluminized coatings.

Recommendations:

- Refer to Technical Data Sheet for product specific application and surface temperature restrictions.

Installation Overview:

1. Before coating is applied, an adhesion test is required to ensure an adhesion minimum of 2.0 pounds per linear inch (PLI). Test patches should be applied with rates listed below.
2. Roof should be inspected before work begins. Any issues found during the inspection must be repaired prior to the application. Repairs should be done with like materials.
3. Power-wash substrate to remove contaminants that could negatively affect adhesion. Allow roof to completely dry.
4. Any loose or damaged flashing application must be treated with Silicone Mastic.
5. Prime if needed to enhance adhesion per chart below. Primer cannot be used if existing coating is silicone.
6. Apply coating per the chart below:

CLEAN / PRIME

	Product	Rate (Gal/Sq)
Cleaner	Cleaning Concentrate (diluted)	0.5 - 0.7
Primer (If needed)	Epoxy Primer	0.5

SEAMS & DETAILS

Treatment Type	Product	Total (Gal/Sq)	Total (linear ft/gal)+	DFT* (mils)
3-Coursed Rates	Silicone Mastic and Fabric	2.50	75	45
Flashing Grade Only Rates	Silicone Mastic	4.00	50	60

Note: For other product options, please refer to our Seam Treatment Guide.
+Flashing rates are based on a 6" (152 mm) width.

EXISTING SILICONE - NON-METAL

Coverage Term	Total		Warranties/Guarantees Available	
	Gal/Sq‡	DFT* (mils)	Emerald Pledge™	Diamond Pledge™
10 Year	1.50	23	Yes	No
15 Year	2.00	31	Yes	No
20 Year	2.50	39	Yes	No

† GAF warranties and guarantees do not provide coverage due to failure of the pre-existing roof coating after the application of GAF coatings.
** Dry Film Thickness (DFT) is rounded to nearest mil, and is theoretical. Actual DFT will vary dependent on substrate profile, application technique and waste factor.*
Note: DFT for 3-coursed rates includes 6 mils for the fabric.
‡ Coating may be applied in a single pass, as long as the substrate and slope conditions allow (no slumping), and the required DFT (mils) are met.

GAF HighSolids

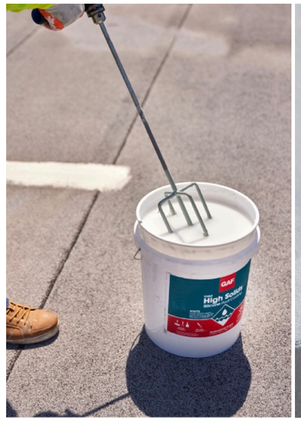
Silicone Roof Coating

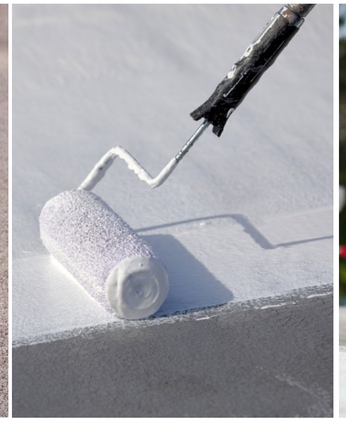
- **One Coat Application,** can be applied in one pass up to 2.5 Gal/Sq
- Ponding water resistant + Fast moisture-cure
- Miami-Dade NOA# 23-1130.05



DATA SHEET

10-Year Rate	15-Year Rate	20-Year Rate
1.50 Gal/Sq	**2.00** Gal/Sq	**2.50** Gal/Sq
23 DFT², mils	31 DFT², mils	39 DFT², mils
3.33 Sq per 5-gal pail	2.5 Sq per 5-gal pail	2 Sq per 5-gal pail









891416 - GAF High Solids Silicone 5 Gal - Standard Colors
891417 - GAF High Solids Silicone 55 Gal - Standard Colors

Minimum Custom Color Order is 50 gallons

Silicone Standard Colors

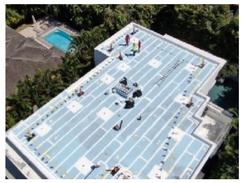
WHITE	LIGHT GRAY	DARK GRAY	TAN

GAF Silicone Mastic













WHITE	LIGHT GRAY



SEAMS & DETAILS - COVERAGE RATES (Coverage based on 60 mil DFT. Actual coverage may vary.)

Width	Per Gallon	2-Gal Pail	20 oz Tube
2" Width	150 LF	300 LF	23 LF
6" Width	50 LF	100 LF	8 LF

- **High-build silicone that shuts leaks down**
- **Moisture-cures fast. No waiting around**
- **Built to survive ponding water**

891508920AV - GAF Silicone Mastic 2 Gal Light Gray or White

891513920AV - GAF Silicone Mastic 20 oz - White

Usages/Substrates: For use on metal, TPO, PVC, Hypalon®, EPDM, smooth and granulated asphaltic, structural concrete, and SPF.

GAF CLEANING CONCENTRATE

Roof Prep and Maintenance



890506000 - GAF Cleaning Concentrate 1 GAL
(25 SQ per 1-gal)

890507000 - GAF Cleaning Concentrate 5 GAL
(125 SQ per 5-gal)

Use GAF Cleaning Concentrate to clean:

- Uncoated roof substrates
- Metal roof and wall surfaces
- Concrete deck surfaces
- Concrete and masonry wall surfaces
- Existing roof coatings
- Existing deck coatings
- Existing wall coatings



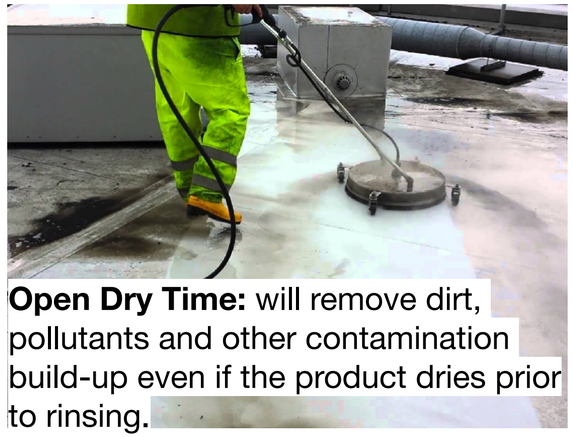
GAF Cleaning Concentrate should be diluted at a 1 to 10 ratio
(16oz per gal) **with water**



Apply the diluted cleaning solution to the substrate under low pressure at the rate of 150–200 ft2 per gallon



Allow the solution to stand for a minimum of 15 minutes.



Open Dry Time: will remove dirt, pollutants and other contamination build-up even if the product dries prior to rinsing.

LIQUID-APPLIED
ROOFING & WATERPROOFING

Daniel Peña

GET PEACE OF MIND WITH A GAF PRO

305.812.6865
daniel.pena@gaf.com



Photo taken at #WALLOFWIND

There’s a liquid solution for your roof - talk to GAF first