

Silicone over Asphaltic



5-Step Roof Restoration:



1

Qualify the roof

- Ensure the roof is clean, dry, and tight
- Perform moisture scan/identify all wet areas
- Conduct adhesion test to ensure proper adhesion of coating



2

Prep the substrate

- Replace any wet membrane and insulation with like material
- Power-wash the roof using **GAF Cleaning Concentrate**



3

Prime the roof

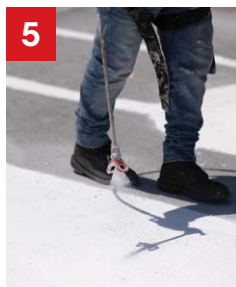
- Apply a bleed-blocking primer to encapsulate and negate any asphaltic bleed-through
 - Apply **GAF Multi-Purpose Primer** at a rate of 0.66 – 1.0 gallons per square for smooth surfaces; 1.0 – 1.3 gallons per square for granulated surfaces



4

Detail seams, flashings, and penetrations

- Treat all seams using **GAF Silicone Mastic**
 - Tight seams: apply GAF Silicone Mastic at a rate of 160 linear feet per gallon
 - Loose seams: must be three-coursed with GAF Silicone Mastic and 6" GAF Premium Fabric
 - Three-course loose seams at a rate of 75 linear feet per gallon
- Treat all curbs, penetrations, and drains with GAF Silicone Mastic and 12" GAF Premium Fabric
 - Three-course at a rate of 160 linear feet per gallon



5

Coat the roof

- Apply **GAF Unisil Silicone** and **GAF Unisil High Solids Silicone** per the specifications for a 10/15/20-year limited warranty or guarantee
 - GAF silicone can be brushed, rolled, or spray-applied
- GAF Unisil Silicone will require a minimum of two coats
- GAF Unisil High Solids Silicone can be applied in one or multiple coats
 - For one-coat systems ensure the roof is 2:12 slope or less
 - Apply at a maximum of 2 gallons per square
- Consistently check wet mil thickness for uniform coverage



Certain projects installed by GAF Master, Master Select™, or Premium Coating Systems Contractors may be eligible for enhanced limited warranty or guarantee coverage¹

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¹ See GAF Liquid-Applied Roofing Manual for specific requirements and restrictions. See applicable limited warranty or guarantee, available at gaf.com, for complete coverage and restrictions.

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