

Silicone over aged TPO

5-Step Roof Restoration:



1

Qualify the roof

- Ensure the roof is clean, dry, and tight
- Perform moisture scan and identify all wet areas
- Conduct adhesion test to ensure proper adhesion of coating
- New TPO should weather a minimum of 30 days

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 adhesion tests to determine if a primer is necessary
 - If primer is required, contact your local technical sales representative for more information.

4



Detail seams, flashings, and penetrations

- Treat all seams, curbs, penetrations, and drains using **GAF Silicone Mastic**
 - Apply GAF Silicone Mastic at 60 mils or 1/16" wet thickness (approximately 24 sq. ft. per gallon)
 - Open seams must be three-coursed with **GAF Premium Fabric & Silicone Mastic**

5



Coat the roof

- Apply **GAF Unisil Silicone** and **GAF High Solids Silicone** per the specifications for a 10/15/20-year limited warranty or guarantee¹
 - GAF silicone can be brushed, rolled, or spray-applied
- GAF Unisil Silicone will require a minimum of two coats
- GAF 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 CoatingsPro™** and **GAF CoatingsPro+™** Liquid Applied Roofing Contractors may be eligible for enhanced limited warranty or guarantee coverage¹

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