



## Description:

GAF Silicone Mastic is a thick, high-build silicone sealant.

## Features and Benefits:

- Provides protection against leaks due to ponding water
- Versatile application is great for repair and maintenance
- 97% average solids by volume content allows for more coating applied in a single pass

## Substrate Preparation:

- Substrate should be dry, clean, and free from oil, grease, and other contaminants
- Pressure-wash to remove all dust and debris, and allow to dry
- Examine substrate to receive new mastic material and conduct test patches to verify adhesion of mastic prior to start of work
- Check for any damaged roof membranes, including all flashings and penetrations, and repair before mastic application commences
- Priming of substrate may be required<sup>1</sup>

## General Application Method:

- Read complete application instructions at [gaf.com](http://gaf.com) before using this product
- May be applied by brush or trowel
- Apply evenly at the rate of 1.25 gal per square per coat. If 3-coursing apply additional coats as soon as the previous coat is dry enough to walk on. Additional coats may be applied as soon as the previous layer is dry enough to walk on and should be applied perpendicular to the previous layer to ensure proper coverage.
- Total coverage is dependent on the substrate. Rough or porous substrates may require more mastic.

## Safety and Handling:

- For specific information on safe handling of this material, refer to the Safety Data Sheet (SDS)

## Mixing:

- Some settling of material may have occurred during shipment and storage
- Containers that have been stored for any length of time may develop a skin/film on top of the coating; this should be removed prior to mixing
- Take care not to incorporate air into the product

- Mix prior to use with a 3/4-horsepower or greater mixer with a blade capable of uniformly mixing the entire container
- Use immediately to avoid trace amounts of moisture from causing a reaction in the container

## Cleanup:

- Use VM&P naphtha or mineral spirits to thoroughly clean equipment. If mastic has hardened, clean with mineral spirits.

## Precautions:

IMPORTANT: Repair leaks promptly to avoid adverse effects, including mold growth.

### DO NOT:

- Apply on wet substrates
- Heat container
- Attempt to thin product
- Apply if rain, dew, fog, heavy moisture condensation, or freezing temperatures are in the 8-hour forecast

<sup>1</sup> Refer to the *UNITED COATINGS™ LIQUID-APPLIED ROOFING Application & Specifications Manual*, available at [gaf.com](http://gaf.com), for acceptable substrates



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## Physical Properties:

### GAF Silicone Mastic

Property	Test Method	Approximate Values <sup>2</sup>
Solids by Weight	ASTM D1644	98%
Solids by Volume	ASTM D2697	97%
Tensile Strength	ASTM D2370	200 psi
Elongation	ASTM D2370	500%
VOC	D3960	<50 g/L

<sup>2</sup> Values stated are approximate and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide.

## Product Details:

Packaging	3.5-gallon (13.2 liter) pail
Colors	White, Light Gray, Black
Shelf Life	12 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area at 40°F – 90°F (5°C – 32°C). Storage outside temperature range will shorten shelf life. Keep containers covered when not in use. Do not allow coating to freeze.
Dry Time to Walk On (Approx.)	5 Hours at 70°F (21°C) 50% R.H
Application Temperature (Air)	40°F (5°C) and rising
Application Temperature (Surface)	40°F – 110°F (5°C – 43°C)