



Unisil Fiber Bulking Agent

Product Data Sheet



PRODUCT DESCRIPTION

Unisil Fiber Bulking Agent is a soft, flexible high-tensile polyethylene fiber used as a general thickener to increase tensile strength and reduce sag for Unisil or Unisil HS silicone coatings.

PACKAGING & SHELF LIFE

1 gallon (3.8 liter) bucket
5 gallon (19 liter) pail

Shelf life indefinite if unopened containers stored between 40°F and 70°F (4°C - 21°C).

GAF
1 Campus Drive
Parsippany, NJ 07054
1-800-ROOF-411
gaf.com

GAF Liquid-Applied

January 2016, supercedes February 2015

For technical, system, and warranty information, visit gaf.com or call 1-800-766-3411.

USES & ADVANTAGES

Unisil Fiber Bulking Agent can be used to thicken silicone coatings into spray or brushable mastics. Thicker materials allow for fabrication of cants and filling around irregular surfaces. Excellent for flashing details, metal roof seams, inside and outside flashing details, round stacks, pipe legs, pitch pockets, conduit pipes, expansion joints, etc.

Unisil Fiber Bulking Agent allows you to greatly increase viscosity and filling ability of the coating at an economical price. Allows a higher viscosity and excellent vertical hold for a variety of applications.

The unique nature of Unisil Fiber Bulking Agent's configuration allows excellent melding to silicone, without allowing slipping. Adding Unisil Fiber Bulking Agent also creates a smooth, easy-to-apply material. Advantages:

- Retains elastic properties.
- Increases tensile strength.
- Improves bridging strength.
- Fiber will not decompose.
- Easily mixed with air operated mixers.

PHYSICAL PROPERTIES

UNISIL FIBER BULKING AGENT	
Melting Point	~ 275°F (135°C)
Specific Gravity	0.965 g/cm ³
Flash Point	665°F (352°C)
Moisture Content	<2.0%
pH	1.5-7.0
Appearance	Fluffy fiber
Color	White

WHEN ADDED TO UNISIL HS ROOF COATING	
Elongation	123%
Tensile Strength	228 lbF/in ²

APPLICATION INSTRUCTIONS

Unisil Fiber Bulking Agent can be used to thicken silicone coatings into spray or brushable mastics. Thicker materials allow for fabrication of cants and filling around irregular surfaces.

As filler: use hand tools to add **Unisil Fiber** Bulking Agent to coating at a ratio of 20% - 50% by volume.

See published application instructions for details.

LIMITATIONS & PRECAUTIONS

Adding **Unisil Fiber** Bulking Agent to silicone coating will shorten pot life. DO NOT add more than one hour in advance.

DO NOT mix more material than will be used during one working period.

SAFETY & HANDLING

For specific information regarding safe handling of this material please refer to the Safety Data Sheet (SDS).

CLEAN UP

Sweep or vacuum loose fibers. Thoroughly rinse application equipment with mineral spirits.

See applicable warranties and guarantees for complete coverage and restrictions.