



SEALGUARD VFI®-993 Silicone Flashing Grade

SEALGUARD VFI®-993 Silicone Flashing Grade is a high solids, 100% silicone, trowel applied flashing grade that allows for high builds in a single coat. SEALGUARD VFI-993 provides UV stability in a single component package that will cure in up to half inch thicknesses without foaming at room temperature (RTV). SEALGUARD VFI-993 has excellent flexibility and no migration of plasticizers or oils that inhibit adhesion. This flashing grade is a moisture cure specifically engineered for breathability, adhesion and is resistant to oxidation and high temperatures.

→ Technical Usage

SEALGUARD VFI®-993 Silicone Flashing Grade has been used in the following applications and may be used in many more applications. Contact Volatile Free, Inc. for more information on any specific applications.

- Above Grade Waterproofing
- Caulk and Sealants
- Gutter Repair Coatings
- Liquid Applied Roofing
- RV Coatings"

→ Color

Standard color available is white. For additional premium colors or color matching services contact Volatile Free, Inc.

→ UV Stability

This product is UV color stable and has long-term UV testing. For additional information contact Volatile Free, Inc.

→ Coverage/Thickness Requirement

See VFI specifications for specific coverage information or contact Volatile Free, Inc. for additional coverage/thickness requirements.

→ Storage Stability/Shelf Life

12 month shelf life from date of manufacture when stored and sealed in unopened containers between 40°F - 75°F. Opened containers may be resealed with a nitrogen purge, but shelf life will be significantly shortened. Material should be brought to a minimum temperature of 65°F before use.

→ Equipment

SEALGUARD VFI-993 Silicone Flashing Grade is a Brush or trowel applied product.

→ Surface Preparation

Surface preparation depends on application and substrate being coated. All surfaces should be cleaned, prepped and free of any oils, dirt or films that could affect the product adhesion. Contact Volatile Free, Inc. with any additional questions.

→ Mixing

Mixing until uniform is required on all material before use. Mix times may vary depending on volume and mixing method. Please contact Volatile Free, Inc. for more information on any specific mixing questions and requirements.

→ Material Application

Material can be applied between 40°F – 120°F and standard application is up to half inch thicknesses until the desired thickness is reached. Apply only when rain or other moisture contamination will not be present before fully cured.

→ Primers

Volatile Free, Inc. recommends adhesion patch testing before use on any unknown substrate. SEALGUARD VFI-993 Silicone Flashing Grade is a highly versatile product that usually does not require a primer.

→ Cleanup Solvent

Preferred cleanup solvent is chemically dry mineral spirits. Please contact Volatile Free, Inc. for more information on cleanup of equipment and tools.

→ Thinning


Do not thin prior to application.

→ Precautions

See Safety Data Sheet for complete safety data. Do not add any foreign material to this product. Avoid prolonged breathing of vapors and prolonged or repeated skin contact. Use only with adequate ventilation.

SEALGUARD VFI®-993 SILICONE FLASHING GRADE

Application Method

						
SPRAY	QWIK SPRAY	BRUSH	TROWEL	ROLLER	INJECTABLE	POUR
-	-	X	X	-	-	-

Physical Properties

Tensile Strength	135 psi
Elongation	300%
Tear Strength	20 pli
Flexibility @ 15°F Mandrel (Pass/Fail)	Pass
Reflectance	85
Accelerated Weatherability @ 1,000 Hours	Pass
Fungi Resistance	Pass
Firm Set and Resistance to Water	Pass
Tensile Strength	200 psi

Liquid Properties

Solids by Weight	96%
Solids by Volume	96%
Liquid Density	10.0 lbs/gal
Specific Gravity	1.20 g/mL
Viscosity	>50,000 cps
VOC	46 g/L

Packaging



Testing & Approvals



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