

Viking Silcoat Butter Grade 923

Viking Roofspec Supplier Code: VSC310A

Version 1.0

Introduction

This Data Sheet is to serve as a reference guide for Viking Roofspec Licensed Installers who are already familiar with Viking Roofspec's Silcoat system and are responsible for Viking Silcoat installations. The following guide contains precautions, best uses and application procedures for the correct installation of Viking Silcoat Butter Grade 923.

Viking Silcoat 923 Butter Grade Silicone Roof Sealer is an exceptionally versatile, tough yet flexible membrane that is easily brush or trowel-applied at thicknesses up to 6mm thick. It is also an excellent repair material for direct-to-metal (DTM) repairs, smooth built-up, smooth modified bitumen, granulated modified bitumen, aged single ply roof membrane, flashings, fasteners and drains.

Properties

Physical Property	Typical Value	Test Method
Appearance	White	-
Application Temperature (Ambient)	2°C to 49°C	-
Cure Time	12 - 18 Hours	-
Elongation (as cured)	275%	ASTM D412
Solids Content (by volume)	95% +/-3	-
Spread Rate (per litre)	0.3m ² at 3.0mm thickness	-
Tack Free Time	1-3 Hours	-
Tensile Strength (as cured)	130 psi	ASTM D412
VOC Content (maximum)	25 g/l	EPA Method 24

Characteristics:

- High solids.
- Solvent-free - VOC compliant.
- Permanent ponding water resistant.
- No hardening, chalking, crazing or cracking.
- Excellent adhesion and hang - vertical and horizontal applications.
- Rain safe in 1 hour.
- Wide temperature application range: 2°C to 49°C.
- Wide temperature performance range: - 40°C to +93°C.
- 100% silicone moisture-cure technology.
- Ready to use and easy to apply by brush or trowel, up to 6mm thick.

Product Size

7.5 Litre

Shelf Life

Unopened, 24 months from date of manufacture when stored in a cool, dry, and shaded location.

Application Rate

Coverage rates are theoretical and do not consider material loss due to equipment, surface texture, etc. Thicker dry film results in better performance and longer sealant life.

Application rate	Coverage Per Litre
1.5mm	0.6m ²
3.0mm	0.3m ²
6.0mm	0.14m ²

Installation

Clean: Surface must be clean and free of all dust, rust, residues, foreign matter, and all contaminants (chalk, grease, wax, etc.) that may cause loss of adhesion. Remove rust and scale from metal by wire brushing. Sweep area thoroughly to remove all dust, dirt, and other foreign matter that would interfere with a good bond. Scrub accumulated residue on low areas with detergent and rinse thoroughly. Surface must be dry and frost-free. Sealant adhesion should be tested on each different substrate prior to use. To test adhesion, apply sealant and allow to cure thoroughly. Then pull one end to test adhesion strength.

Apply: Repair cracks, breaks, tears, and holes by applying 3.0mm to 6.0mm thick with a brush, trowel, or putty knife. Sealant can be applied over old silicone coating or sealant which has cured. Work the sealant into the crack or break and spread it 50mm to 100mm beyond, feathering the edges. Check to see that no voids have been left in patched areas. If so, apply more sealant and allow to set up before coating. It is tack-free in about 1 to 3 hours and fully cured in about 48 hours (dependent on weather conditions, such as temperature and humidity). Not recommended for application at temperatures below 2°C or if rain is expected in less than 1 hour of application.

Clean-up

Clean hands with waterless hand cleaner. Equipment may be cleaned before sealant cures with mineral spirits.

Precautions

Causes skin irritation. Causes serious eye irritation. Before handling, read the Safety Data Sheet for protective equipment and additional safety, health, and environmental information.

- FOR PROFESSIONAL USE ONLY.
- KEEP OUT OF REACH OF CHILDREN.
- FOR EXTERIOR USE ONLY.
- PLEASE READ THE ENTIRE LABEL.

DO NOT THIN. Not recommended for application at temperatures below 2°C or if rain is expected within 1 hour of application. Lower temperatures and/or less humidity will typically result in slower cure times. Store in a cool, dry, shaded location.

This product is not recommended for interior use. Building occupants should be warned of spray operations in process. Installers should exercise caution during spray processes to avoid falls caused by stepping into slippery wet coating. Installers should read and understand all technical and informational literature on this product, prior to use of the product.

Employers should obtain a copy of the Safety Data Sheet (SDS) from Viking Roofspec www.vikingroofspec.co.nz or at the toll-free number 0800 729 799

NOTE:

Containers are packaged to keep latent moisture from prematurely starting the curing process. After opening the container, try to use it up as soon as possible. Keep containers covered and sealed at all times during use, when practical. Material left exposed to the atmosphere may form a skin on the surface. If this occurs, simply remove the skin and use the rest.

DO NOT MIX PRODUCT.