

Viking Silcoat

Version: SIL-PTS-V1.0

Product description

Viking Silcoat is a premium liquid applied silicone roof membrane for repair and maintenance applications. Silcoat offers unparalleled waterproofing capabilities effectively preventing water ingress and protecting surfaces from moisture damage. Viking Silcoat provides excellent UV resistance ensuring it withstands harsh environmental conditions. Viking Silcoat offers solutions for waterproofing existing metal, single ply membrane, modified bitumen, mastic asphalt, liquid coated roofs and concrete substrates. The system is comprised of specialist primer coats for different substrate types, reinforcing bandages and tapes, the primary liquid silicone coating in Grey or White and thicker trowel applied product for detailing.

Silcoat is versatile and easy to install over both Commercial and Residential applications. Its ability to improve water proofing performance and extend the life of existing roofs without the need for major re-construction is a major time and cost saver. It can be applied by brush, roller or commercial spray system.

Purpose and use

Viking Silcoat liquid silicone waterproofing coating can be used for buildings within the following scope:

- Residential and Commercial roofs,
- As a repair and maintenance coating over existing metal, single ply membrane, modified bitumen, mastic asphalt, liquid coated roofs,
- with supporting substrates to be suitably sound and durable for the coating application; and,
- meet the minimum durability requirements of the coating.

Viking Silcoat liquid silicone waterproofing coating is for buildings within the following scope:

- Silcoat cannot bridge seismic and structural control joints.

Conditions

Substrate preparations are required based off roof inspections and adhesion testing of the existing materials to be coated. This is due to the required bond strength and substrate durability.

Weather conditions must be dry and above 2°C and rising for application, Silcoat is rain fast within 15 minutes of application.

Approval and Certificates

- Cool Roof Rating Council (CRRRC) rated product: Product ID# 0620-0053
- Meets the requirements of California Energy Commission (CEC) Title 24 Section 118(i)3
- Florida Product Approval: FL10889-R3
- Miami-Dade County Product Control Approved: NOA# 23-0316.02
- UL Classified: Cements and coatings for roofing systems as to external fire exposure <74LM>
- FM Approved: Subject to the conditions of approval as a roof coating when installed as described in the current edition of the FMRC approval guide
- Meets or exceeds ASTM D7281 Standard Test Method for Determining Water Migration Resistance Through Roof Membranes
- Excellent fungi resistance in accordance with ASTM G21 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi
- Meets or exceeds Henry Dirt Pick-Up Resistance Test Method MOT P-14

July 2025

PRODUCT TECHNICAL STATEMENT



Cleaning, Preparation, and installation instructions

Clean: Using a minimum 2,000 psi pressure washer wash the roof with a non-filming detergent, such as Simple Green. Caution should be used to not inject water into the roof substrate during washing. In areas with stubborn dirt, grease, or other contaminants, use a stiff bristle brush or broom to scrub the areas clean with additional water and non-filming detergent. Treat mildew or Mold. Give the roof a final rinse to ensure it is free of all detergent or anything else that could affect adhesion. Allow roof to dry completely before application. Apply a test area of coating over the existing membrane to verify proper adhesion to membrane prior to start of application.

Prep: On metal roofs, remove all rust and treat with a rust-inhibiting spot primer. On asphaltic roofs, use Viking Bleed Trap 294 for bleed blocking. If primer is required on single ply membrane or metal, apply Viking Silcoat two-part epoxy primer VSC200 A+B as determined by adhesion test results.

Coat: Coating should only be applied to a clean, dry, frost-free, and fully prepared roof substrate as described above. It may be applied with a 13mm to 25mm nap lint-free roller, brush, or commercial airless spray rig.

Maintenance requirements

To maintain a roof coated with Viking Silcoat 988, annual visual inspections and cleaning as required from inspection.

Quality assurance

Viking provides quality assurance documents that we recommend the installer follows and signs off at the conclusion of the project. These can be obtained from Viking Managers or from the Viking web site.

- Silcoat Details
- Silcoat PTS
- Silcoat PDS
- Silcoat Adhesion Test Procedure
- Substrate Checklists

Warranty information

Silcoat is backed by Vikings 10-year product warranty with the Certificate of Workmanship provided by Viking Approved Applicator companies. Viking Roofspec only supply Viking Silcoat to our Approved Applicator network of Viking Licensed Installers.

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