

Viking Silcoat Epoxy Primer Kit

Viking Roofspec Supplier Code: VSC200 A + B
Version 1.0

Introduction

Viking Silcoat Epoxy Primer is a two-component, 1-to-1 ratio, thixotropic, water-based epoxy primer that is Grey in colour. This multi-purpose primer is easy to spread and enhances the bond of coatings over most metals, organic polymers, wood, masonry, asphalt, modified bitumen, and vitreous surfaces. It may also be used as a masonry block filler.

Properties

<u>Physical Property</u>	<u>Test Method</u>	<u>Silcoat Epoxy Primer</u>
Solids by Weight	ASTM D1644	60±%-
Solids by Volume	ASTM D2697	42.5±%
Density	ASTM D1475	11.6 lbs./gal. (A) 11.6 lbs./gal. (B)
VOC	EPA Method 24 (USA)	<50 grams/L mixed material
Cure Time @ 24°C	Class A	Dry to touch in 0.5 to 1.5 hours Full cure in 12-24 hours

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

Shelf Life

The shelf life of this product in unopened containers when stored between 10°C and 38°C is 12 months from the date of manufacture.

Packaging and Colour

4.0 Litres Part A, 4.0 Litres Part B – Grey.

Characteristics

- Easily applied with airless spray equipment, roller, or brush
- Dark colour helps with quick dry and cure
- Helps to create a warm substrate for spray polyurethane foam (SPF), enhancing yield and performance in cooler weather.
- Excellent primer/sealer over porous substrates such as wood and concrete
- The Viking Silcoat system has excellent adhesion to Silcoat Epoxy Primer
- Low VOC levels allow for application in most regulated areas
- Listed in CRFC Coating Restoration listings at FM Global and Miami-Dade NOA

Usage

Coating can be used on many different commercial and residential roof substrates to reflect the sun's heat and UV rays, as well as to help seal and protect the surface. It works well on low slope roofs and suitable for pitched roofs. Acceptable roof types include:

- Aged asphalt roofs – including Built-Up Roofing (BUR) and Modified Bitumen (MB)
- Aged single-ply and rubber roofs, including TPO, EPDM, PVC
- Aged fiberglass roofs
- Spray Polyurethane Foam (SPF) roofs
- Metal roofs
- Concrete roofs
- Recoating previously coated roofs

Application

1. All surfaces to be primed must be clean, dry, sound, and free of contaminants. It may be necessary to power wash or otherwise clean the surface to enhance adhesion.
2. Mixing procedure is a two-component primer available in 4.0L pails. The mixing ratio is one part A to one part B. Mix each component individually, then combine both components in equal amounts and mix until a uniform consistency is achieved. Once mixed, the useable pot life is 2 hours at 24°C. The pot life can be extended by adding a small amount of water to achieve the original consistency. Do not use any material that has been mixed for more than 4 hours. Avoid overmixing, as product will thicken.
3. Primer may be sprayed, brushed, or rolled. Airless spray pump should be capable of a minimum of 2,000 psi and output of 3.8 L/minute. Use a 0.19" (4.82mm) to 0.25" (6.35mm) orifice tip, depending on length of hose and spray pattern developed.
4. Ensure that the primer is completely cured prior to subsequent applications of Viking Silcoat roofing system. Best adhesion is achieved in 1 to 3 days. Primer cured more than 7 days should be cleaned and re-primed prior to top coating.
5. Clean equipment with water and follow up with Xylene to finish cleaning.

Coverage

Viking Silcoat Epoxy Primer is typically applied at 1.2 to 1.9 litres per 9.3 square meters. The application rate may vary depending on a variety of factors, such as use and roughness of the substrate. This primer should not be applied at rates over 3.7 litres per 9.3 square meters in one coat.

Precautions

- Do not apply Viking Silcoat Epoxy Primer when ambient air and substrate temperatures fall below 10°C or when inclement weather is forecast.
- Installers should use caution during application to avoid falls caused by slipping on wet primer.

NOTES: