

Viking Surface Sealer

June 2021

Viking Surface Sealer use:

Viking Surface Sealer is a two-component water-based epoxy primer and sealer to concrete or cement-based substrates for use directly under Viking single-ply sheet membrane systems and Viking PIR insulation only. An epoxy sealer to stop excess vapour in the substrate interfering with membrane adhesion.

GREEN CONCRETE

With proper application of **3 Coats** of Viking Concrete Surface Sealer, early installation of Viking single-ply sheet membrane and PIR insulation can be allowed after 7 days from pour. Refer to drying and recoating requirements.

Shower Protection

2 coats of Viking Concrete Surface Sealer will provide shower protection to cement based substrates that have had at least 28 days cure.

Coverage – Drying – Recoating - Limitations - Properties

Coverage (recommend 2 – 3 coats)	6m2 per Litre per coat <i>Less if substrates are very porous</i>
Application Temp	Minimum 2 hours of 10°C – 35°C
Time required before Solvent adhesive application	72 hours (3 days) at 10°C
Recoat time	4 hours @ 25°C and 50% R.H.
Full cure	7 days @ 25°C and 50% R.H.
Packaging Part A / Part B	4Lt / 4Lt (8Lts) and 10Lt / 10Lt (20Lts) plastic drums
Mixing ratio	Mix A and B 1 to 1 - equal parts by volume
Pot-life. (Do not use after exceeding pot life)	1½ - 2 hours at 20°C 1 hour @ 35°C <i>at higher temperature pot life will be reduced</i>
Substrates	Concrete, blockwork, fibre-cement sheet
For use under Waterproofing membranes	Enviroclad / Epiclاد / Butylclad / Dec-K-ing
Wet film thickness	200 micrometers (0.2mm)
Storage	2°C - 40°C max
Shelf life	12 months (unopened container)
Colour	White
Solids Content	44% by weight
VOC Content	26 g/l

Features / Benefits

- ✓ Easy clean-up using water.
- ✓ Excellent adhesion to cement-based substrates including concrete, brick, masonry, concrete block.
- ✓ Exceptional adhesion to 48 hour green concrete.
- ✓ Non-flammable and negligible odour.
- ✓ May be applied to damp surfaces.
- ✓ Prevents rising damp and the formation of efflorescence.

Viking Product Data Sheet

PRECAUTIONS:

Keep skin clean at all times - Use barrier creams on hands before use. Wear protective overalls and gloves. Use goggles and approved organic vapour cartridge respirator when spraying.
Eye Contact: Flush with copious amounts of water or dilute Boric Acid Solution - seek immediate medical aid. Skin Contact: Wash thoroughly with soap and warm water.

Keep containers in a well-ventilated place and tightly closed. Take off immediately all contaminated clothing. In case of eye contact, rinse with plenty of water and contact Doctor or Poisons Information Centre.

If swallowed immediately contact Doctor or Poisons Information Centre. Avoid release to the environment.

Substrate Preparation

All surfaces to be coated must be clean, dry and stable. Remove any previous coating, adhesive, dirt oil, grease or contaminant.

When the product is to be applied to dry concrete it is advisable to wet the surface with a fine mist of water before application and allow to surface-dry. Care must be taken to work the material into the surface to fill voids and avoid pin-holing.

APPLICATION:

1. Stir Part A and Part B individually using a power mixer. Avoid excessive aeration. Combine Part A and Part B at 1:1 ratio and stir well. Only mix as much as can be used within the pot life.
2. Apply by brush, 10 - 12mm Nap roller, conventional or airless spray - dilute with 10-25% water for spraying.
3. Apply at a rate of 6m² per Lt per Coat. (2 – 3 coats)
4. Viking Roofspec recommend 2 coats for temporary weather protection and 3 coats as a Barrier to rising moisture from green concrete or damp substrate (Green Concrete)
5. Mix A and B 1 : 1 - equal parts by volume.
6. Viking Surface Sealer should be applied to surfaces with a temperature between 10–35°C; and relative humidity >85%. The product will cease to cure effectively below 10°C.
7. 2 hours minimum curing required with surface temps above 10°C.
8. ***In Cold Climates**, Substrate and Air temperatures: Do not apply below 10°C, unless **additions of activator are incorporated** (*this may be requested by special request allowing at least 1 week*).
9. In hot climates: dilute first coats applied to concrete with 10-25% water.
10. In enclosed areas, ventilation must be provided. Viking Surface Sealer is not intended to be used as a waterproofing membrane, or trafficable surface.
11. Allow 72 hours before applying solvent based adhesives.

CLEAN UP: Using water - for best results use detergent and warm water

*Cold Climate Activator

By special request only in powder form by 1kg weight: **Will require at least 1 week to supply on request.**

Add up to 10% by weight in cold damp conditions to speed cure rate. Excessive addition may cause embrittlement.

CAUTION: Strong alkali, avoid skin contact.