

Viking Surface Sealer Cold Weather Activator

Version 1.1

Purpose

This Technical Note provides guidance for Viking Roofspec Applicators who are preparing Viking Surface Sealer (VPS100A and VPS100B) for use in cold weather.

Low winter temperatures can slow curing and affect coating performance. Using appropriate activators helps the sealer cure more reliably in cold conditions.

Product Overview

Viking Roofspec strongly recommends using VPS100C Moisture-Scavenging Activator Additive with Viking Surface Sealer in cold conditions. The additive supports complete epoxy curing and helps reduce the risk of moisture becoming trapped in the coating.

Use the additive when

- The **substrate** temperature is 10°C or below; or
- The **ambient** temperature is likely to fall below **15°C** within two hours.
- **DO NOT APPLY IF AMBIENT TEMPERATURE IS LIKELY TO DROP BELOW 5°C WITHIN 2 HOURS OF APPLICATION**

Remember that the substrate temperature is often lower than the ambient air temperature.

If the additive is not used at these temperatures, the epoxy may begin to cure after approximately 1.5 hours. This can trap moisture within the coating film, preventing proper crosslinking and potentially leaving the epoxy inadequately cured.

Mixing Viking Surface Sealer

1. Mix only the quantity of Viking Surface Sealer that can be applied within **one hour**.
2. Combine equal volumes of Part A and Part B.
3. Mix thoroughly with a drill mixer or high-speed mixing stick until the product is uniform.

Adding VPS100C Moisture-Scavenging Activator Additive (Powder)

1. Add VPS100C at 10–20% of the mixed sealer volume. This is equal to 100–200 grams of activator powder per litre of **combined** Parts A and B.
2. Remove a small amount of the combined Part A and Part B surface sealer and combine it with the measured **Moisture-Scavenging Activator**. Mix until a smooth paste is formed.
3. Add the paste back into the main batch of Viking Surface Sealer and continue mixing until the product is fully blended.
4. Ensure the sealer has a consistent viscosity suitable for brushing or rolling.
5. Apply the mixed sealer within one hour.

Viking Surface Sealer Quick-Set Activator liquid. (VPS100C1) is pre-blended into Part A (VPS100A) from July 2026.

In cold conditions, the pre-blended Quick-Set Activator Liquid helps reduce cure time while maintaining an approximate one-hour working time.

Precautions

- Avoid skin contact with Viking Surface Sealer. Always wear suitable gloves when handling the product.
- If the product contacts the skin, wash the affected area immediately with soap and water.
- Prolonged skin contact may cause mild irritation or dermatitis.