

# Viking Surface Sealer Cold Weather Activator

Version: 1.0

## PURPOSE

The purpose of this document is to provide Viking Applicators familiar with Viking Surface Sealer (VPS100A and VPS100B) with a good understanding of how to prepare the sealer for cold weather conditions. During winter months temperatures can have detrimental effects on the curing performance of Viking Surface Sealer. The Activator will assist with improved cure times during cold conditions.

## PRODUCT OVERVIEW

Viking Surface Sealer Activator (VPS100C) is a finely micronized hydrating powder that is blended with moisture scavenger additive Viking Surface Sealer Quick-Set Activator liquid. (VPS100C1)

Their unique ability to absorb water from any given film will immediately assist the paint film in forming and allowing correct cure in adverse weather conditions. It will prevent the necessity for all the water to evaporate from the paint system due to the Activator using up water when hydrating commences.

**Warning: Due to the alkalinity of the Activators, they must only be used with Viking Surface Sealer and no other products.**

## USES – SURFACE SEALER

To ensure complete cure of the Epoxy in cold conditions and prevent water entrapment Viking strongly recommends the use of Activators in Viking Surface Sealer, especially when ambient temperatures are around **10°C-15°C or lower** as substrate surface will always be lower than ambient temperature.

If they are not used in Viking Surface Sealer at these low temperatures, after 2 hours, pot life cure of the epoxy will take place and will entrap water in the film and prevent adequate crosslinking of the epoxy.

## MIXING INSTRUCTIONS – VIKING SURFACE SEALER

1. Mix required quantity of Viking Surface Sealer part A & B that can be used within 1 hour of mixing.
2. Viking Surface Sealer part A & B thoroughly mixed (Equal parts by volume) using a drill or high-speed stick.

## ADDING THE ACTIVATOR TO VIKING SURFACE SEALER

1. Quantities of Activator up to 10% - 20% can be used. (100ml – 200ml per litre mixed)
2. Add approximately 100ml – 200ml to 1 litre of combined part A & B, mix to a smooth paste and add back to mass volume.
3. Continue to mix the product until fully blend with consistent viscosity for brushing or rolling.
3. The mixed sealer can be now applied and used within one hour.

## QUICK-SET ACTIVATOR LIQUID

In cold conditions Quick-Set Activator Liquid can be added at a ratio of 2 – 5% or 10 – 50/mls per litre of Mixed Surface Sealer to reduce the cure time.

## PRECAUTIONS

Always keep Viking Surface Sealer off skin - use gloves. In event of skin contact wash off immediately using soap & water. (prolonged skin contact may cause mild irritation or dermatitis)

## Notes