

Flowchem VE Primer

Product Sheet

Product Description

Flowchem VE Primer is a rapid-hardening, 3 component, shrinkage compensated, modified vinyl ester based primer.

Uses

Flowchem VE Primer is intended for the priming of concrete and other approved porous surfaces prior to the application of Flowchem VE resin systems.

Environment

The styrene in the resin component can be smelt at very low concentrations. Always consult the relevant Flowcrete Safety Data Sheets and follow the appropriate national guidelines.

Ratio of components

By weight, 100 parts of Flowchem VE Primer should be mixed with 2 parts of Flowchem VE Curing Agent and 0.3 parts of Flowchem VE Accelerator.

Application Temperature

The recommended substrate temperature is 5 - 30°C. The temperature of the substrate should exceed the dew point by 3°C during application and hardening.

Application

Flowchem VE Primer is applied with a lamination roller or brush. The prepared substrate must be clean, free of dust, oil and concrete laitance. It shall be dry (<4% moisture) and have a surface pull-off strength of at least 1.5 MPa. For more specific details concerning surface preparation, consult our Flowchem VE Application Manual.

Application time/Pot Life

Ready mixed product should be used within 45 minutes at a temperature of 20°C. At higher temperatures, the application time is shorter.

Consumption of material

Approx. 0.3 – 0.4 kg/m², dependant on the porosity of the substrate.

Hardening time

Flowchem VE Primer has to cure for about 2 hours at 20°C until it has developed a tacky surface.

Colour

Straw brown.

Finish

Gloss.

Density

Flowchem VE Primer – 1.05 kg/l.

Storage

6 months in unopened containers at temperature of 5 - 25°C.
Protect from weather and moisture / contaminant ingress.

Cleaning of tools

Clean using Flowchem VE Equipment Cleaner.

Packaging

The Flowchem VE Primer components are supplied in the following pack sizes:

Resin component	-	25 kgs
Curing Agent	-	1 kg
Accelerator	-	1 kg

Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.