

## Flowchem VE Metal Primer

### Product Sheet

#### Product Description

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

#### Uses

Flowchem VE Metal Primer is intended for the priming of carbon steel, stainless steel and aluminium 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 of Flowchem VE Metal Primer at 20°C)

Flowchem VE Accelerator	Mix the Accelerator and Primer before adding the Curing Agent	Flowchem VE Curing Agent
0.3%		2%

#### Mixing

Thoroughly mix the resin to re-disperse any settlement. Add the Flowchem VE Accelerator to the Flowchem VE Metal Primer and thoroughly mix for 2 - 3 minutes before adding the Flowchem VE Curing Agent. Mix for a further 2 – 3 minutes.

**Note: Never mix the Accelerator directly with the Curing Agent.**

#### 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

The prepared substrate must be dry, clean, free of dust, oil and rust. Blast the substrate to SA 2.5, SA 3 (100µ profile). Flowchem VE Metal Primer is applied with a lamination roller or brush. Typical thickness, 200 micron when wet, 150 micron dry.

#### 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. 0.2 kg/m<sup>2</sup>.

**Overcoating time**

Allow to cure for about 2 hours at 20°C until it has developed a tacky surface.  
Must re-prime if exceed the maximum overcoat time of 24 hours.

**Colour**

Straw brown.

**Finish**

Gloss.

**Density**

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

Flowchem VE Metal Primer resin component	-	25 kgs
Flowchem VE Curing Agent	-	1 kg
Flowchem VE Accelerator	-	1 kg

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