

## Flowcem VS

A water dispersed epoxy modified cement, sealing mortar. Suitable for smoothing porous and pitted concrete surfaces.



### Vertical Application:

Can be applied internally or externally on vertical and horizontal surfaces.



### Adhesion:

Excellent adhesion onto steel and concrete.



### Water Permeable:

Permeable to water vapour but has good water resistance.



### Green Concrete:

Can be applied on damp or 'green' concrete.

## Technical Profile

NO. OF COMPONENTS	3
MIX RATIO	Mix as supplied
COLOUR	Concrete Grey
POT LIFE	30 minutes
MIXED DENSITY	2kg/L
KIT YIELD	9.26L
COMPRESSIVE STRENGTH	28 days: 40N/mm <sup>2</sup>
APPLICATION	3L/m <sup>2</sup> @ 3mm
APPLICATION TEMPERATURE	Min - 8°C Max - 30°C
SERVICE TEMPERATURE	Wet - Max 50°C Dry - Max 90°C
CLEANER	Water
SHELF LIFE	6 months

SPEED OF CURE**	20 °C
Initial Set	4 hrs
Light Traffic	18 hrs
Full Cure	7 days

\*\*Cure times at temperatures between 0–30 °C can be achieved by altering the quantity of catalyst used. For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

## Preparation

All surfaces must be clean, sound, laitance and dust free and have a maximum moisture content of 4%.

Following preparation high pressure wash thoroughly and free standing water must be removed. Concrete substrates are to be pre-dampened prior to the application of Flowcem VS.

## Application

1. Apply the mix into the prepared substrate by mechanical spray or trowel.
2. Typically applied in two coats 1st coat using notched trowel, 2nd coat using smooth steel trowel.
3. Ensure uniform thickness.

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm<sup>2</sup>, free from laitance, dust and other contamination. Substrate should be dry to 75% RH as per BS8204.

## Installation Service

The installation should be carried out by an Approved Flowcrete Applicator. For details of our Approved Applicators, contact your regional Flowcrete office. Detailed application instructions are available upon request.

## Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

## Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained application teams.

## Focus on the Floorzone

Flowcrete is a market leader in specialist industrial and commercial flooring. Systems available include: floor screeds, surface damp proof membranes, decorative flooring, seamless terrazzo, car park deck coatings, tank lining systems... to name just a few. Our objective is to satisfy your Floorzone needs.

## Warranty

Flowcrete products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before installing the products.