

Flowchem VE GL (2 to 3mm)

A glass fibre reinforced horizontal and vertical applied vinyl ester coating with excellent chemical resistance.



Chemical Resistant:

Protects against a variety of aggressive acids, solvents, caustics and chemicals.



Temperature Resistant:

Resistant to intermittent temperatures of up to 165°C.



Abrasion Resistant:

Excellent abrasion and wear resistance under heavy traffic conditions.



Fast Cure:

Accelerated cure time, providing an operational surface in just 12 hours.



Cream



Mid Grey

The applied colours may differ from the examples shown. For a full colour chart and samples, contact our offices.

Technical Profile

TEMPERATURE RESISTANCE

ASTM D 648-56 Tolerant up to 165°C

BARCOL HARDNESS

ASTM 2583 >50

E-MODULUS

ASTM D 695 3.1 GPa

VOLUME SHRINKAGE

Rill 4 2.5.3.2.1 <0.004%

COMPRESSIVE STRENGTH

ASTM D 695 160 MPa

FLEXURAL STRENGTH

ASTM D 790 125 MPa

TENSILE STRENGTH

ASTM D 638 73 MPa

ADHESION

ASTM D 4541 >4 MPa (substrate failure)

* These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

SPEED OF CURE	10°C	20°C	30°C
Light Traffic	18 hrs	12 hrs	8 hrs
Full Traffic	36 hrs	24 hrs	16 hrs
Full Chemical Cure	72 hrs	48 hrs	24 hrs

Model Specification

System	Flowchem VE GL
Finish	Gloss
Thickness	2 to 3mm
Colour	See standard colour chart

Preparatory work and application in accordance with manufacturer's instructions.

Products Included in this System

Primer	Flowchem Concrete Primer
Coating	Flowchem VE GL
Laminate	Chopped Strand Matt
Tissue	Surface Tissue
Coating	Flowchem VE RC

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², and maintain a minimum tensile strength of 1.5 MPa, free from laitance, dust and other contamination. The substrate should have a moisture content of no more than 5%.

Installation Service

The installation should be carried out by an Approved Applicator. For details of our Approved Applicators, contact our regional 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.