



Flowchem VE GL (125 mils)

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



Temperature Resistant:

Resistant to intermittent temperatures of up to 350°F.



Chemical Resistant:

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



Bond Strength:

Elastomer modified resin provides superior adhesion.



Fast Cure:

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



Versatile:

Dimensionally stable, high cohesive strength and low permeability.

Standard Colors:



Red



Grey

TEMPERATURE RESISTANCE:

ASTM D3299	Continuous Exposure: 320°F
	Intermittent Spills: 350°F

COMPRESSIVE STRENGTH:

ASTM C 579	17,500 psi
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TENSILE STRENGTH:

ASTM D 638	10,000 psi
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FLEXURAL STRENGTH:

ASTM D 790	22,000 psi
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BARCOL HARDNESS:

ASTM D 2583	>35
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FLEXURAL MODULUS OF ELASTICITY:

ASTM D 790	15.6 x 10 ⁵ psi
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ADHESION:

ASTM D 4541	>400 psi (100% Concrete Failure)
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POT LIFE:

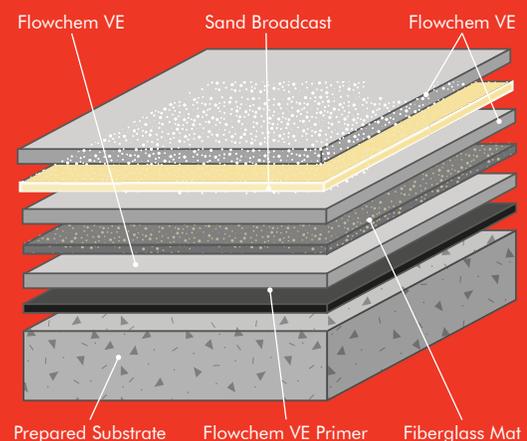
	45+ minutes at 75° F
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PERMEABILITY:

ASTM E 96	0.0042 perm. -in
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SPEED OF CURE:

	60°F	75°F	90°F
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



The applied colors may differ from the examples shown. For a full color chart and samples, contact your local Key Resin Company office.

Products Included In This System

Primer:	Flowchem VE Primer at 300 sq ft/unit
Base Coat:	Flowchem VE at 60 sq ft/gal
Lining:	Fiberglass mat 1 ounce/sq ft minimum mat weight
Saturating Coat:	Flowchem VE at 60 sq ft/gal
Broadcast:	20 - 40 Mesh Sand at 1.5 lb/sq ft
Topcoat:	Flowchem VE at 100 sq ft/gal

Installation

Installation should be carried out by a Key Resin Company preferred contractor with a documented quality assurance note. Obtain details of our preferred contractor network from our customer service team or by enquiring through our website. Detailed application instructions are also available upon request.

Substrate Requirements

Concrete or screed substrate should have a minimum of 3,000 psi compressive strength, free from laitance, dust and other contamination. The substrate should be dry to ASTM requirements and free from excessive moisture vapor transmission.

Technical Profile

The figures and test results shown overleaf are typical properties achieved in laboratory tests at 75°F and at 50% Relative Humidity.

Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber / drier with a mildly alkaline detergent

Environmental Health & Safety

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 Key Resin Company staff and fully trained application teams.

Warranty

Key Resin Company 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.

Disclaimer

Any recommendation or suggestion relating to the use of products manufactured by Key Resin Company, whether in its technical literature or in response to a specific inquiry, is based upon data believed to be reliable, however the products and information are intended for use by applicators having requisite skill and know-how in the industry and therefore it is for the applicator to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the applicator has done so at its sole discretion and risk.

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