

## Flowcoat CRV

A two component, highly chemical resistant epoxy based vertical grade coating with fibre glass reinforcement.

Typically used as a waterproof coating for aquarium tanks, pools and chemical tanks.



**High Chemical Resistance:**  
Protects against a range of chemicals; suitable for coating a variety of tanks.



**Crack Resistant:**  
Crack resistance with fibreglass reinforcement.



**Solvent Free:**  
Solvent free, low in VOCs and environmentally friendly.



**High Abrasion Resistance:**  
Provides a high strength coating for peace of mind.



**Easy to Apply:**  
Application techniques allow the system to be applied quickly and easily.



Light Green    Dark Green    Mid Blue    Steel Blue



Chilli Red    Light Grey    Steel Grey    Charcoal

The applied colours may differ from the examples shown.  
For a full colour chart and samples, contact your local Flowcrete office.



### Technical Profile\*

<b>FIRE RESISTANCE</b>			
EN 13501-1	B <sub>fl</sub> - s1		
<b>THERMAL RESISTANCE</b>			
Tolerant up to 70°C			
<b>WATER PERMEABILITY</b>			
Nil – Karsten test (impermeable)			
<b>CHEMICAL RESISTANCE</b>			
Contact technical department			
<b>SURFACE HARDNESS</b>			
Koenig Hardness Test	180 secs.		
<b>ABRASION RESISTANCE</b>			
Taber Abrader (1 kg load using CS17 wheels)	80 mg loss per 1000 cycles		
BS 8204: Part 2	Grade AR2 Medium Duty Industrial and Commercial		
<b>COMPRESSIVE STRENGTH</b>			
BS 6319	>60 N/mm <sup>2</sup>		
<b>FLEXURAL STRENGTH</b>			
BS 6319	>40 N/mm <sup>2</sup>		
<b>TENSILE STRENGTH</b>			
BS 6319	>15 N/mm <sup>2</sup>		
<b>BOND STRENGTH</b>			
Greater than cohesive strength of 25 N/mm <sup>2</sup> concrete. >1.5 MPa			
<b>SPEED OF CURE</b>	<b>10 °C</b>	<b>20 °C</b>	<b>30 °C</b>
Tack Free Time	16 h	10 h	8 h
Light Traffic	48 h	24 h	16 h
Full Traffic	72 h	48 h	36 h
Full Chemical Cure	12 d	7 d	6 d

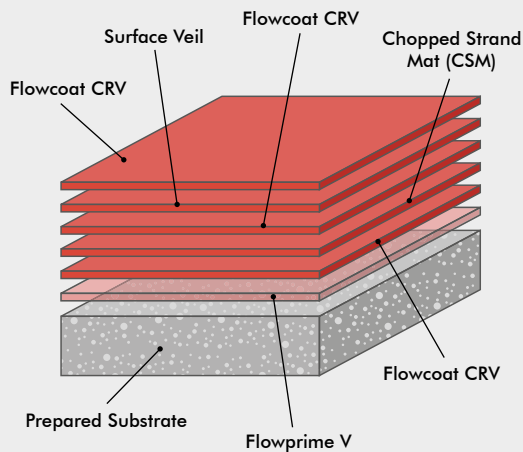
\* These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

## Model Specification

<b>System</b>	Flowcoat CRV
<b>Finish</b>	Gloss
<b>Thickness</b>	0.4 - 3 mm
<b>Manufacturer</b>	Flowcrete Asia

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

## System Design



## Products Included In This System

<b>Primer</b>	Flowprime V
<b>Coating</b>	Flowcoat CRV
<b>Reinforcement</b>	Fibreglass

For actual coverage rates, refer to the appropriate project specification.

Detailed application instructions are available upon request.

## Substrate Requirements

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

## Installation Service

The installation should be carried out by a licensed contractor with a documented quality assurance scheme. For details of our licensed contractors, contact our customer service team or enquire via our website at [www.flowcreteasia.com](http://www.flowcreteasia.com)

## 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, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

## Aftercare, Cleaning & Maintenance

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

## Important Note

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.

## Further Information

To ensure you are specifying a fit-for-purpose floor, please consult our Technical Advisors or visit our website to register your interest in specifying one of the most durable floors on the market.

1. Light colours may require additional coats to achieve desired results 2. It is recommended that top coat colours are close to base coats colours to achieve desired results  
3. This product is not UV stable and may discolour unless otherwise stated 4. System Data Sheet to be read in conjunction with Method Statement and Product data Sheets.