

Flowcoat CR (0.4-1mm)

High performance, solvent free, hard wearing epoxy resin coating which provides high chemical resistance.

Typically used in industrial environments which may be subjected to chemical spillages.



Solvent Free & Low Odour:
The coating is low in odour and solvent free.



Chemical Resistant:
Provides high resistance against a range of chemicals.



Low Maintenance:
Seamless, hygienic finish, which requires low maintenance.



Durable:
Hard wearing, durable and abrasion resistant.

Technical Profile

FIRE RESISTANCE

EN 13505-1 | B_{FL} - s1

SLIP RESISTANCE

Method described in AS4586-2013 | Dry & Wet Rating is dependant on specification (in accordance with AS4586-2013)

The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/or surface contaminants (wet or dry).

Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet or dry) - please contact our Technical Advisors for further details

TEMPERATURE RESISTANCE

Tolerant up to 60°C

WATER PERMEABILITY

Karsten Test | Nil (Impermeable)

SURFACE HARDNESS

Koenig Hardness Test | 180secs

BOND STRENGTH

ASTM D4541 (Pull-Off Test) | > 1.5MPa*

ABRASION RESISTANCE

Taber Abrader BS8204-2 | 80mg loss per 1000 cycles
1 kg load using CS10 wheels

COMPRESSIVE STRENGTH

BS6319 | > 60 N/mm²

FLEXURAL STRENGTH

BS6319 | > 40 N/mm²

TENSILE STRENGTH

BS6319 | > 15 N/mm²

CHEMICAL RESISTANCE

Contact Technical Department

SPEED OF CURE**	10°C	20°C	30°C
Light Traffic	48 hrs	24 hrs	16 hrs
Full Traffic	72 hrs	48 hrs	36 hrs
Full Chemical Cure	12 days	7 days	6 days

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

*Assume concrete or substrate is a minimum of 25 N/mm².



Light N Grey | Steel Grey | Charcoal | Tile Red

Light Green | Dark Green | Steel Blue | Mid Blue

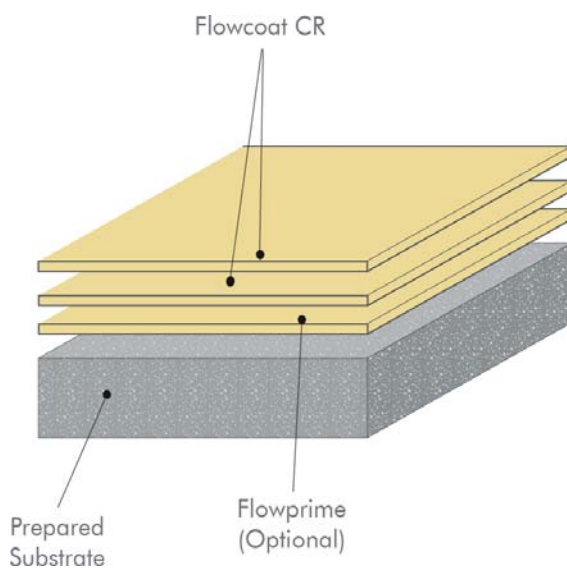
The applied colours may differ from the examples shown.
For a full colour chart and samples, contact your local Flowcrete office.

Model Specification

System	Flowcoat CR
Finish	Gloss
Thickness	Dependant on Specification
Manufacturer	Flowcrete
Contact	+61 7 3205 7115

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

System Design



Products Included In This System

Layer 1	Flowprime (Optional)
Layer 2	Flowcoat CR
Layer 3	Flowcoat CR

Coving

Coving forms an integral part of the flooring system. It creates a sealed finish between the floor and wall joint. Please refer to Flowtex F1 Coving Mortar for further information.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitence, dust and other contamination. Substrate should be dry to 75% RH as per AS1884-2012. Must be free from rising ground moisture or must have an effective DPM in place.

Installation Service

The installation should be carried out by a experienced contractor with a documented quality assurance scheme. For details of our recommended contractors, contact your local Flowcrete office. Detailed application instructions are available upon request.

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.

Aftercare, Cleaning & Maintenance

Please refer to Flowcrete Australia's current Cleaning and Maintenance Recommendations Guide.

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.