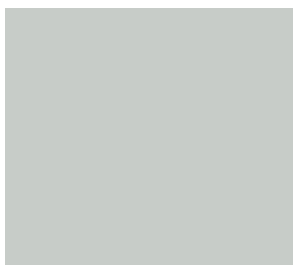




## Flowcoat CR



### Standard Color Chart



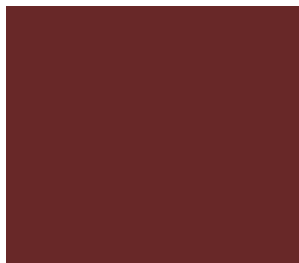
Light Gray



Dark Gray



Medium Gray



Brick Red

The applied colors may differ slightly from the examples shown above. Contact our customer services for a true color sample or a special color match. Additional colors are available upon request.

### Description

High performance chemical resistant coating designed for the protection of concrete floors. It has excellent resistance to acids from spills in battery charging areas. Different grades of slip resistance can be achieved by inclusion of graded aggregate between coats.

### Uses

Flowcoat CR is designed for chemical resistant industry flooring applications. Refer to chemical resistant guide or consult technical service before selecting for a particular application.

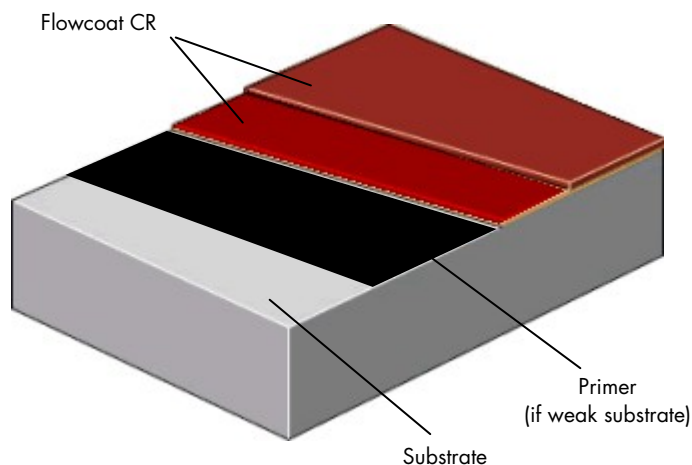
### Benefits:

- High chemical resistance
- Hard wearing
- Abrasion resistant
- 100% Solids, low odor
- Seamless and hygienic finish
- Low maintenance
- Slip resistant finish can be tailored to specific client requirements

### Project References

Frito Lay, Pepsi Cola, HEB Foods, Bremner Foods Ltd., Borden, Volvo, Einstein Bagels.

### System Design



## Model Specification

Product: Flowcoat CR

Finish: Gloss

Thickness: 28-30 mil

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

Supplier: Flowcrete North America, Inc.

Telephone: Customer Service 936 539 6700

## Substrate Requirements

Concrete or screed substrate should be a minimum of 3,625 psi, free from laitance, dust and other contamination. The substrate should be dry to ASTM requirements and free from excessive moisture vapor transmission.

## Products Included in this System

Primer: Flowprime @ 175-225 sq ft/ gal

Coating: Flowcoat CR - 3 gal unit (including color pack)

1<sup>st</sup> coat: Flowcoat CR @ 120 sq ft/ gal

2<sup>nd</sup> coat: Flowcoat CR @ 120 sq ft/ gal

Coverage rates will vary with surface profile and temperature. For optional slip resistant dressings please consult our Technical Advisors. Detailed application instructions are available upon request.

## Flooring Design Service

Special corporate colors and designs can be produced to special order.

## Installation Service

The installation should be carried out by a Flowcrete preferred contractor with a documented quality assurance program. Obtain details of our preferred contractors by contacting our customer service team or enquiring via our web site [www.flowcrete.us](http://www.flowcrete.us)

## 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.

## Technical Information

The figures that follow are typical properties achieved in laboratory tests at 68°F and at 50% Relative Humidity.

### Fire Resistance

BS 476:Part 7: Surface spread of flame Class 1 (indicative)

### Slip Resistance

TRRL Pendulum Slip Test

Dry 80 Wet dependent on specification

Tolerant up to 160°F

### Temperature Resistance

### Water Permeability Surface Hardness

Nil – Karsten test (impermeable)

> 180 secs.

Koenig Hardness Test

Resistant to SKYDROL and most aviation fluids.

Contact Flowcrete North America Inc. for chemical resistance chart.

### Abrasion Resistance

ASTM D4060 Taber Abrader:

10 mg loss per 1000 cycles

(1 kg Load using CS17 wheels)

BS 8204-2: Class AR2

### Compressive Strength

> 11,600 psi (ASTM C579)

### Flexural Strength

> 8,700 psi (ASTM C580)

### Tensile Strength

> 2,175 psi (ASTM C307)

### Bond Strength

Greater than cohesive strength of 3,625 psi concrete, > 220 psi.

### VOC

22 g/l

## Aftercare - Cleaning and Maintenance

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

## Important Note - Warranty

Flowcrete's 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 using products.

## Further Information

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

**Disclaimer:** Any recommendation or suggestion relating to the use of the products made by Flowcrete North America, Inc., whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.



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