

## Flowcoat OP (0.4-1mm)

High performance, solvent free, epoxy resin coating system designed to create a uniform "Orange Peel" surface texture.

Typically used as a hard wearing, protective, coloured floor coating in industrial facilities.



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



**Attractive:**  
Brightens up dull, dark and musty industrial environments.



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



**Resistant:**  
Hard wearing, durable, chemical and abrasion resistant.

## Technical Profile

### FIRE RESISTANCE

EN 13505-1

B<sub>FL</sub> - 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  
1kg load using CS10 wheels  
Grade AR2

### COMPRESSIVE STRENGTH

BS6319

>60 N/mm<sup>2</sup>

### FLEXURAL STRENGTH

BS6319

>40 N/mm<sup>2</sup>

### TENSILE STRENGTH

BS6319

>15 N/mm<sup>2</sup>

### CHEMICAL RESISTANCE

Contact Technical Department

| SPEED OF CURE**    | 10°C    | 20°C   | 30°C   |
|--------------------|---------|--------|--------|
| Light Traffic      | 48 hrs  | 24 hrs | 18 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/mm<sup>2</sup>.



Light N Grey



Steel Grey



Charcoal



Tile Red



Light Green



Dark Green



Steel Blue



Mid Blue

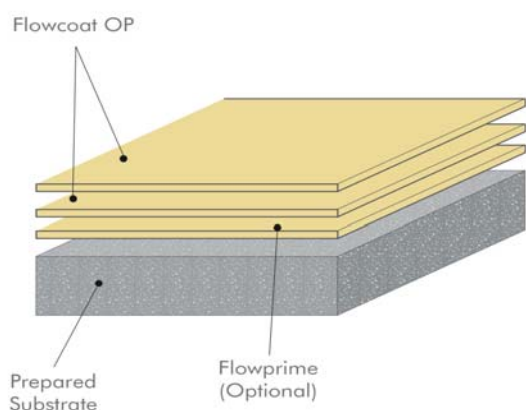
The applied colours may differ from the examples shown.  
For a full colour chart and samples, contact your local Flowcrete office.

## Model Specification

|                     |                            |
|---------------------|----------------------------|
| <b>System</b>       | Flowcoat OP                |
| <b>Finish</b>       | Gloss                      |
| <b>Thickness</b>    | Dependant on Specification |
| <b>Manufacturer</b> | Flowcrete                  |
| <b>Contact</b>      | +61 7 3205 7115            |

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

## System Design



## Products Included In This System

|                |                      |
|----------------|----------------------|
| <b>Layer 1</b> | Flowprime (Optional) |
| <b>Layer 2</b> | Flowcoat OP          |
| <b>Layer 3</b> | Flowcoat OP          |

## 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/mm<sup>2</sup>, 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.