

Flowcoat SF41 (0.3 to 0.5mm)

A time-proven, cost-effective and wear resistant epoxy floor coating system with adjustable anti-slip properties.



Chemical Resistance:

Protects against a range of acids, alkalis, solvents, alcohol and fuel.



Temperature Resistant:

Tolerant of temperatures up to 70°C.



Easily Cleaned:

Seamless installation ensures dirt and dust are easily cleaned away.



Anti-Slip:

Optional anti-slip profile available.



Cream

Kalahari

Light Grey



Mid Grey

Slate Grey

Sky Blue



Green

Signal Red

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

Technical Profile

SLIP RESISTANCE

TRRL Pendulum Slip Test	Dry 80, Wet 35
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FIRE RESISTANCE

SANS 10177 – Part 4	Class 2
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WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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VAPOUR PERMEABILITY

ASTM E96	20g/m ² /mm/24 hours
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ABRASION RESISTANCE

Taber Abrader	5g loss per 1000 cycles (1kg load using CS17 wheels)
BS 8204-2	Grade AR2

BOND STRENGTH

> 1.5 MPa concrete failure

FLEXURAL STRENGTH

> 60 N/mm ²

TENSILE STRENGTH

> 15 N/mm ²

COMPRESSIVE STRENGTH

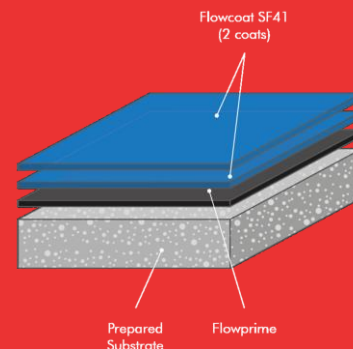
> 80 N/mm ²

VOC EMISSIONS

USEPA Method 24 &	< 10g/litre
SCAQMD Method 303-19	

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

SPEED OF CURE	10°C	20°C	30°C
Light Traffic	36 hrs	16 hrs	12 hrs
Full Traffic	48 hrs	24 hrs	18 hrs
Full Chemical Cure	12 days	7 days	7 days



Model Specification

System	Flowcoat SF41
Finish	Gloss
Thickness	0.3mm to 0.5mm
Colour	See standard colour chart

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

Products Included in this System

Primer	Flowprime
Coating	Flowcoat SF41 (2 coats)

For Non-slip:

Primer	Flowprime
Coating	Flowcoat SF41
Aggregate	Scatter 3
Coating	Flowcoat SF41

Coverage rates will vary with surface profile and temperature. Non-slip finishes: various grades of quartz, glass spheres or silicon carbide can be incorporated to provide a textured surface.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², and maintain a minimum tensile strength of 1.5 MPa, free from laitance, dust and other contamination. The substrate should have a moisture content of no more than 5%.

Installation Service

This installation should be carried out by an Approved Applicator. For details of our Approved Applicators, contact our regional office. Detailed application instructions are available upon request.

Aftercare, Cleaning & Maintenance

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

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.

Focus on the Floorzone

Flowcrete is a market leader in specialist industrial and commercial flooring. Systems available include: floor screeds, surface damp proof membranes, decorative flooring, seamless terrazzo, car park deck coatings, tank lining systems ... to name just a few. Our objective is to satisfy your Floorzone needs.

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.