

Flowcoat SF41 (0.3mm – 0.5mm)



Standard Colour Chart

	
Cream	Kalahari
	
Light Grey	Mid Grey
	
Slate Grey	Sky Blue
	
Green	Signal red

Description

High performance, solvent free, chemical resistant, hi-build epoxy resin coating. Different grades of slip resistance can be achieved by inclusion of graded aggregate between coats.

Uses

Flowcoat SF41 may be used as a hard wearing coloured floor coating in areas such as factories, warehouses, plant and storerooms where high resistance against chemical attack is required.

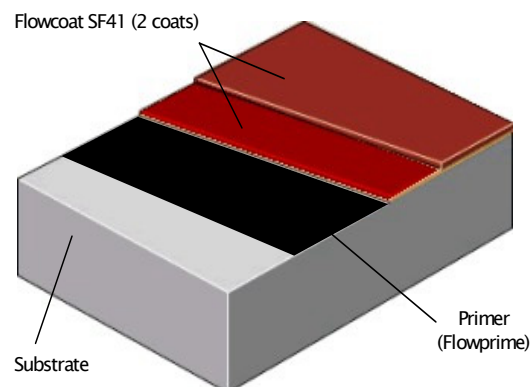
Benefits

- Chemical resistant.
- Hard wearing.
- Abrasion resistant.
- Solvent free, low odour.
- Aesthetically attractive – brightens up dull factories and warehouses.
- Seamless and hygienic finish.
- Low maintenance.
- Slip resistant finish can be tailored to specific client requirements.
- Nonylphenol free.

Project References

BMW SA, Astrapak, Toyota SA, Tiger Brands, New Strait Times Production Plant - Malaysia, Humber Power Station, Vauxhall Automotive production lines, Bentley Motor Cars (see picture).

System Design



The applied colours will differ slightly from the examples shown above, due to printing variations. Contact our customer services for a true colour sample or a special colour match.

Model Specification

Product: Flowcoat SF41
Finish: Gloss
Thickness: 0.5 mm
Colour: Various (as per colour chart)
Manufacturer: Flowcrete SA (Pty) Ltd
Telephone : Customer Service +27(0)31 461 3411

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

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. If no damp proof membrane is present Flowcem DPM can be incorporated directly beneath the Flowcoat system.

Products Included in this System

Primer: Flowprime

Coating: Flowcoat SF41 (2 coats)

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.

Installation Service

The installation should be carried out by a Flowcrete approved contractor with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site www.flowcretesa.co.za.

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.

Focus on the Floor-zone

Flowcrete Group are world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing, tank lining systems... to name just a few. Our objective is to satisfy your Floorzone needs.

Technical Information

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

Fire Resistance:	BS476: Part 7: Surface spread of flame: Class 1
Slip Resistance:	TRRL Pendulum Slip test Dry 80 Wet 35
Thermal Resistance:	Tolerant up to 70 °C
Water Permeability:	Nil – Karsten Test (impermeable)
Surface Hardness:	180 seconds. Koenig hardness test
Chemical Resistance:	Go to www.flowcrete.co.za
Abrasion Resistance:	Taber Abrader: 5 gm loss per 1000 cycles (1kg load using CS17 wheels) BS8204-2 Grade AR2
Compressive Strength:	>80 N/mm ²
Flexural Strength:	>60 N/mm ²
Tensile Strength:	>15 N/mm ²
Bond Strength:	Greater than cohesive strength of 25 N/mm ² concrete > 1.5mPa

Speed of Cure

	10°C	20°C	30°C
Light traffic	36hrs	16hrs	12hrs
Full traffic	48 hrs	24 hrs	18hrs
Full chemical cure	12 days	7 days	7 days

Aftercare - Cleaning and Maintenance

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

Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

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.