

Flowcoat Flakes (0.9mm)

A decorative flake system providing the same high performance properties as an industrial coating with an aesthetic finish



Chemical Resistant:

Protects against a variety of aggressive acids, solvents, caustics and chemicals.



Abrasion Resistant & Hard Wearing:

Excellent abrasion and wear resistance under heavy traffic conditions. Extremely good mechanical properties.



Low Odour:

Improved air quality during installation and beyond.



Hygienic Finish:

Contains Polygiene® - an antimicrobial additive that kills up to 99.9% bacteria.



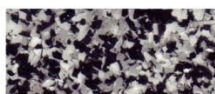
Easy to Clean:

Low maintenance.



Slip Resistant:

Positively textured profile to minimise slip risks in wet or damp areas.



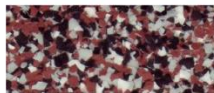
Domino



Cobblestone



Quicksilver



Scarlett



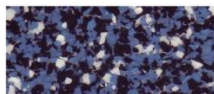
Desert Tan



Ice Blue



Green Bay



Midnight

The applied colours may differ from the examples shown.
For a full colour chart and samples, contact our offices.

November 2021

Technical Profile

FIRE RESISTANCE

BS 476 Part 7 Surface spread flame Class 1

SLIP RESISTANCE

TTRL Pendulum Slip Test Dry 80; Wet 85

THERMAL RESISTANCE

Tolerant up to 70°C

WATER PERMEABILITY:

Nil – Karsten Test (impermeable)

SURFACE HARDNESS

Koenig Hardness Test 180 seconds

CHEMICAL RESISTANCE

Refer to chemical resistance guide

ABRASION RESISTANCE

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

COMPRESSIVE STRENGTH

>80 N/mm²

FLEXURAL STRENGTH

>60 N/mm²

TENSILE STRENGTH

>15 N/mm²

BOND STRENGTH

Greater than cohesive strength of 25 N/mm² concrete >1.5 MPa

* 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



(Flowcoat Flakes 9mm)

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Model Specification:

Product	Flowcoat Flakes
Finish	Gloss
Thickness	0.9mm
Colour	Various (as per colour chart)

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

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%.

Products Included in this System

Primer	Flowprime or Flowcoat SF41 Natural
Coating	Flowcoat SF41 (2 coats)
Aggregate	Coloured Flakes
Topcoat	Flowseal Ultra Sealcoat / Super Satin (2 coats)

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

Installation Service

The installation should be carried out by an approved contractor with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team.

Aftercare, Cleaning and 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, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by StonCor Africa staff and fully trained and experienced contractors.

Focus on the Floor-zone

Flowcrete 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.

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.