



FLOWFLAKE

- ▶ Decorative, flaked floor coating systems that introduce texture and vibrancy into commercial environments.

Flowflake Range Technical Profile



A first-rate visitor experience means ensuring that the environment constantly delivers on both aesthetics and functionality.

The Flowflake range provides commercial sites with a solution that delivers attractive floors robust enough to withstand heavy foot traffic, frequent cleaning and continuous use.

Decorative flakes are incorporated within the resin floor finish to create an eye-catching and vibrant interior space. Available in a wide variety of colours and styles these floors represent a multitude of versatile design options to create beautiful and bespoke surfaces.

Many different types of locations, including shops, showrooms, restaurants and airports, have embraced the look of Flowcrete's Flowflake range and installed floors that reflect a high-end image whilst meeting the requirements of the site's everyday activities.

Application Suitability



Retail



Education



Offices



Leisure



Healthcare



Transport



Standard Colours



Limestone



Sandstone



Onyx



Carbon



Basalt



Pewter

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

Technical Profile

SLIP RESISTANCE

Method described in BS 7976-2 (typical values for 4-S rubber slider)

Dry >40, Wet depends on spec. (in accordance with HSE and UKSRG guidelines)

TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 60°C

IMPACT RESISTANCE

ISO6272 (1kg) >1.8 m

ISO6272 (2kg) >1.5 m

WATER PERMEABILITY

Karsten Test Nil (Impermeable)

BOND STRENGTH

>1.5 MPa*

FIRE RESISTANCE

EN 13501-1 BFL-s1

*Assumes concrete compressive strength is greater than 25 N/mm²

Flowflake Marble

A decorative coating that introduces texture and vibrancy into commercial and industrial environments.

Flowflake Marble comprises coloured flakes of varying sizes scattered over a pigmented epoxy base coat and finished with tough resistant clear sealers to provide durability.



Attractive with extensive design potential



Hard-wearing and chemical resistant



Seamless, hygienic finish



Can be applied over existing finishes

Application Suitability

Food & Drink	
Pharmaceutical	
Engineering	
Automotive	
Chemical Processing	
Manufacturing	
Retail Environments	✓
Transport	
Stadia	✓
Education & Offices	✓
Airports	✓
Healthcare	✓

DAY TIME

NIGHT TIME

Flowflake Glow

An innovative and functional coating that provides a decorative, durable and glow in the dark feature into the floors to enhance safety when in low light conditions.

Flowflake Glow contains varying sizes of self luminous flakes scattered over a pigmented epoxy base coat and finished with a tough resistant clear sealer.



Attractive:

Offers extensive design potential to deliver the wow-factor underfoot.



Versatile:

Can be laid over existing hard surfaces such as tiles, marble or terrazzo.



Seamless:

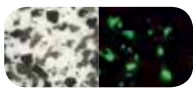
Delivers a hygienic seam-free surface that is easy to clean and maintain.



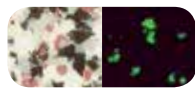
Luminescent:

Glow in the dark safety features in case of power outages.

Standard Colours



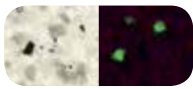
Ash Grey - Glow



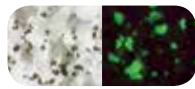
Champagne - Glow



Glacier - Glow



Granite - Glow



Moonlight - Glow



Oyster - Glow

Technical Profile

IMPACT RESISTANCE

ISO6272 1kg	>1.8 m
ISO6272 2kg	>1.5 m

TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 60°C

WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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SLIP RESISTANCE

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FIRE RESISTANCE

EN 13501-1	B _{f1} -s1
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ABRASION RESISTANCE

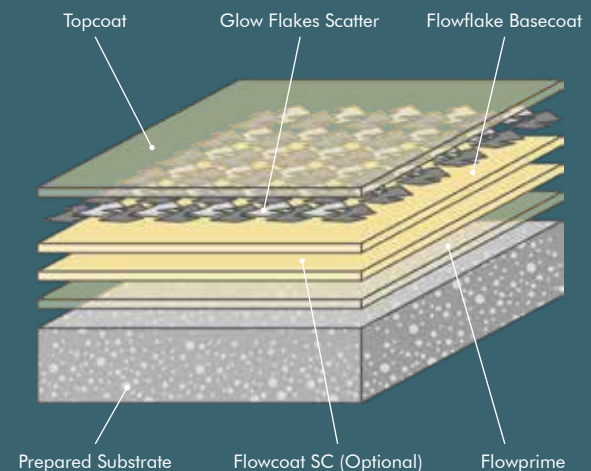
BS8204:Part 2:2002	Class AR2 - Medium duty industrial and commercial
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BOND STRENGTH

> 1.5 MPa*

SPEED OF CURE**	10°C	20°C	30°C
Light Traffic	36 hrs	24 hrs	16 hrs
Full Traffic	72 hrs	48 hrs	36 hrs
Full Chemical Cure	12 days	7 days	6 days

*Assumes concrete compressive strength is greater than 25 N/mm²



** Cure times at temperatures between 0-30°C can be achieved by altering the quantity of catalyst used. For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

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ISO6272 (2kg)

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WATER PERMEABILITY

Karsten Test

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BOND STRENGTH

> 1.5 MPa*

FIRE RESISTANCE

EN 13501-1

B_{FL}-s1

*Assumes concrete compressive strength is greater than 25 N/mm²

Flowflake Terroso

A seamless, decorative, durable floor finish to transform commercial and industrial environments.

Flowflake Terroso contains varying sizes of flakes scattered over a pigmented epoxy base coat and finished with a tough resistant clear sealer.



Attractive with extensive design potential



Hard-wearing and chemical resistant



Seamless, hygienic finish



Can be applied over existing finishes

Standard Colours



Black Granite



Glacier



Freckle



Frosty



Grey Granite



Moonlite

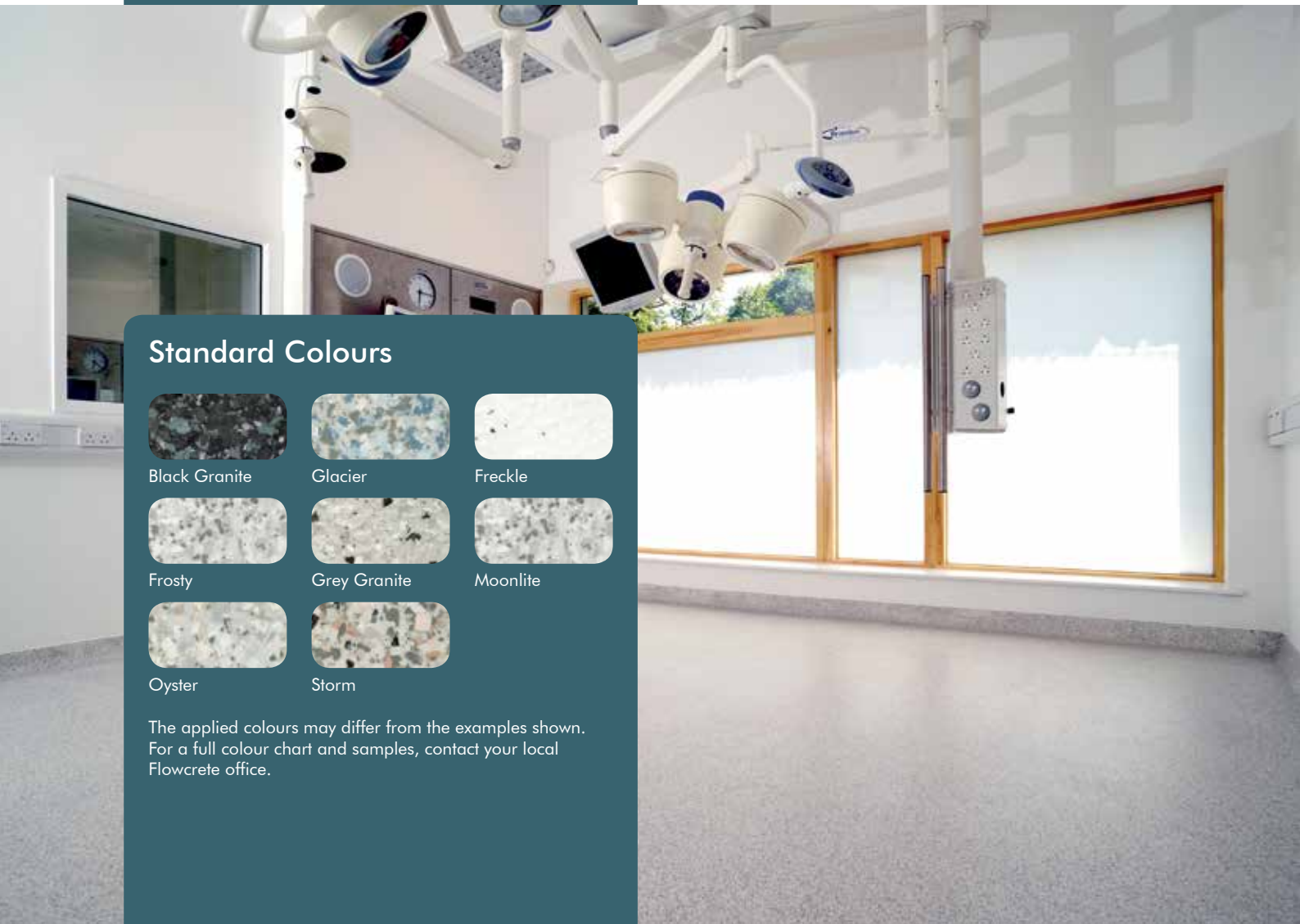


Oyster



Storm

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Standard Colours



Azure Blue



Clementine



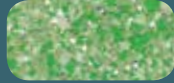
Cranberry



Dalmatian



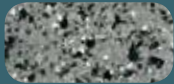
Ebony



Emerald



Gold



Granite



Pacific Blue



Peacock

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Technical Profile

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IMPACT RESISTANCE

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>1.5 m

WATER PERMEABILITY

Karsten Test

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BOND STRENGTH

>1.5 MPa*

FIRE RESISTANCE

EN 13501-1

B_{FL}-s1

*Assumes concrete compressive strength is greater than 25 N/mm²

Flowflake Kristalina

A smooth, decorative, sparkling resin floor finish that delivers an attractive solution for any modern contemporary environment.

A smooth, decorative, sparkling resin floor finish that delivers an attractive solution for any modern contemporary environment.



Attractive with extensive design potential



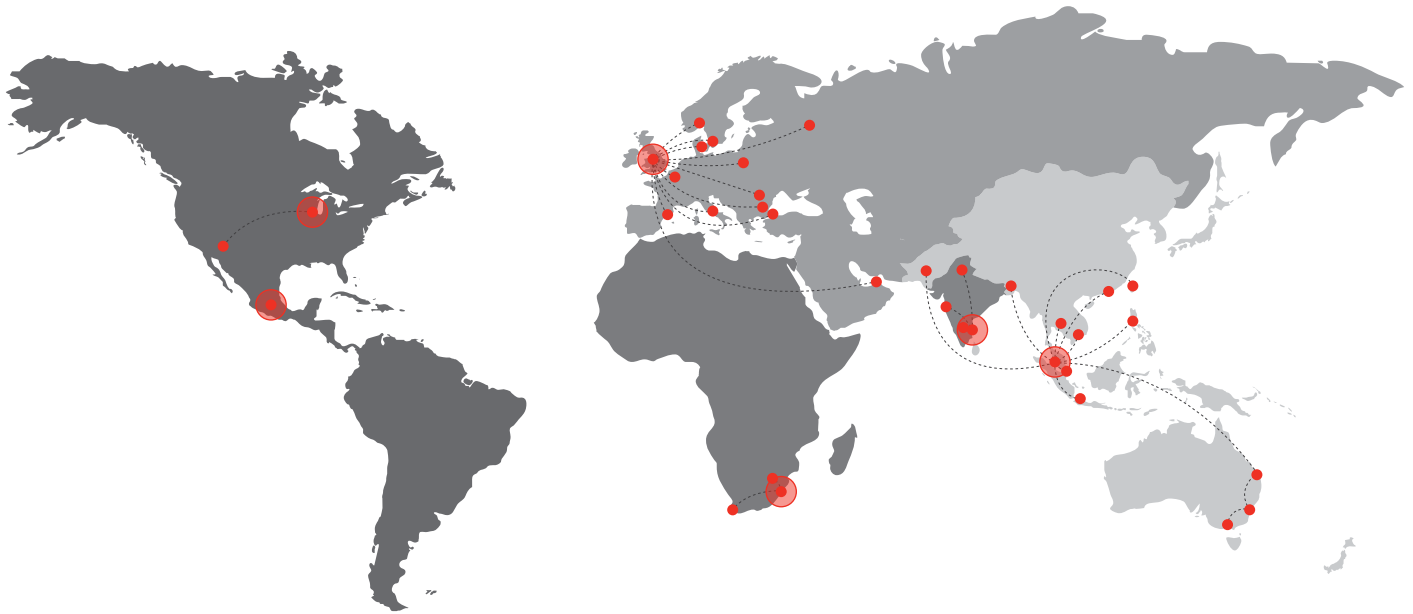
Hard-wearing and chemical resistant



Seamless, hygienic finish



Can be applied over existing finishes



Flowcrete

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