

Flowflake Glow



Description

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.

Uses

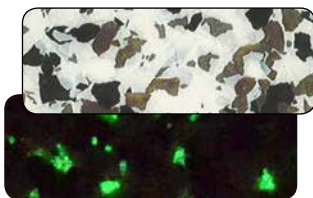
Ideal for use in commercial settings such as retail showrooms, designer outlets, nightclubs or environments where design, aesthetics and durability are of paramount concern.

Flowflake Glow can also be used as a safety feature in industrial settings to provide glow in the dark pathways in case of power outages.

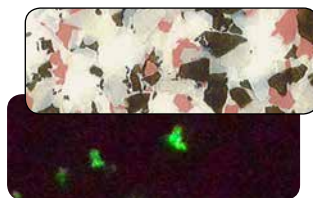
Benefits

- Attractive decorative finish
- Extensive design potential
- Seamless hygienic finish
- Easy to clean and maintain
- High chemical resistance
- High scratch resistance
- Wear resistant surface for wheeled traffic
- Long last luminescent effect
- Glow in the dark safety features in case of power outages

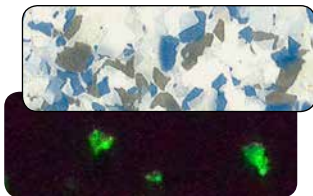
Standard Colour Chart



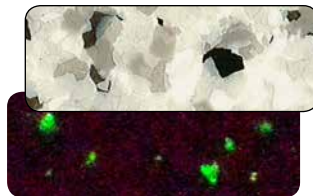
Ash Grey - Glow



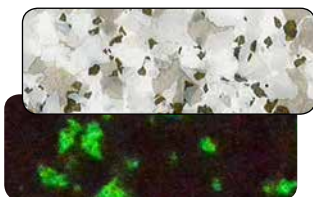
Champagne - Glow



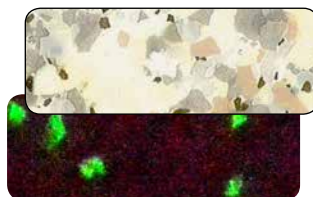
Glacier - Glow



Grey Granite - Glow

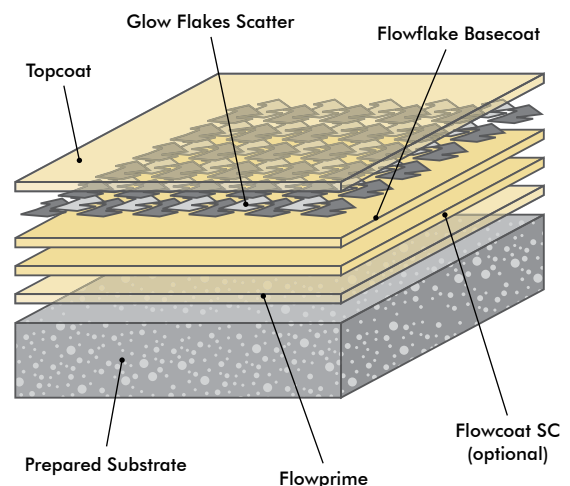


Moonlite - Glow



Oyster - Glow

System Design



Model Specification

System: Flowflake Glow
Finish: Satin
Thickness: Dependant on specification
Preparatory work and application in accordance with manufacturer'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.

Products Included in this System

Flowprime
Flowcoat SC (optional)
Flowflake Basecoat
Glow Flakes
Topcoat*

*Topcoats may vary dependant on the environmental condition. Please consult Technical Department for more details.

Detailed application instructions are available upon request.

Installation Service

The installation should be carried out by a Flowcrete approved applicator with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website at www.flowcreteasia.com

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.

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.

Technical Information

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

Fire Resistance	B ₁ - s1 (EN 13501-1)
Slip Resistance	Dry > 40, Wet depends on specification (in accordance with HSE and UKSRG guidelines)

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 and specifications.

Abrasion Resistance	BS8204:Part 2:2002 Class AR2 -Medium duty industrial and commercial
Temperature Resistance	Tolerant of sustained temperatures up to 60°C
Water Permeability	Nil – Karsten test (impermeable)
Chemical Resistance	Contact Technical Department
Impact Resistance (ISO 6272)	1 kg weight > 1.8 m 2 kg weight > 1.5 m
Flexural Strength	15 N/mm ² (BS 6319)
Tensile Strength	10 N/mm ² (BS 6319)
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. > 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

Customer Service

For more information regarding this product please contact your local Flowcrete office:

Flowcrete Asia	+60 3 6277 9575
Flowcrete Hong Kong	+852 2795 0478
Flowcrete China	+86 10 8472 1912
Flowcrete Thailand	+66 2539 3424
Flowcrete Indonesia	+62 21 252 3201
Flowcrete Vietnam	+84 8 6287 0846

Visit our website for more locations.

Further Information

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the numbers above or visit our website to register your interest in specifying one of the most durable floors on the market.