

Flowfresh Ultra Flakes (4 mm)



Description

Flowfresh Ultra Flakes is a decorative flakes floor finish incorporates with advance polyurea technology. The combination provides a long lasting, fast turn-around attractive flakes finish floor.

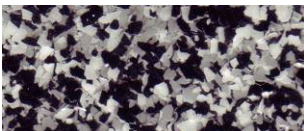
Typical Uses

Ideal for grocery stores, public areas, commercial retail shops, show rooms, department stores, restaurants, airports, theme parks, schools, and hospitals.

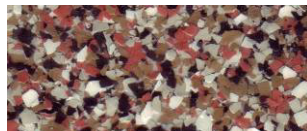
Benefits

- Attractive decorative finish
- Extensive design potential
- Easy to clean and maintain
- Chemical resistance
- High scratch resistance
- Fast installation
- UV stable
- Low odour application
- Slip resistance
- Available in variety of colours and texture.

Standard Color Chart



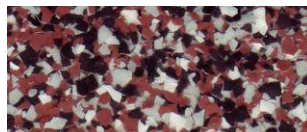
Domino



Cobblestone



Quicksilver



Scarlett



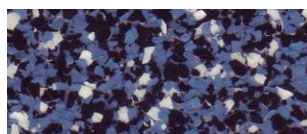
Desert Tan



Ice Blue



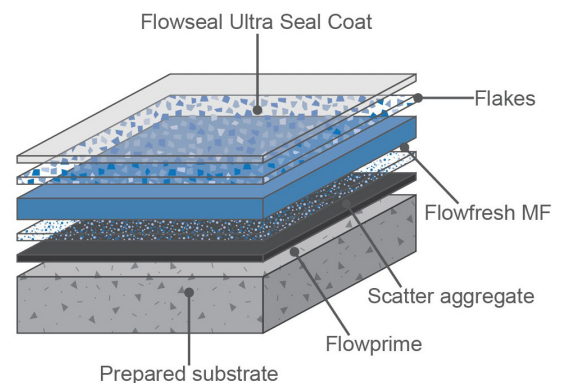
Green Bay



Midnight

The applied colours may differ slightly from the examples shown above.
Contact our customer services for a true colour sample or a special colour match.

System Design



Model Specification

Product: Flowfresh Ultra Flakes
Finish: Semi-gloss/Textured
Thickness: 4mm nominal thickness
Manufacturer: Flowcrete SA (Pty) Ltd
Telephone: Customer Service - +27 31 461 3411

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 surface dry and free from rising damp and ground water pressure.

Products Included in this System

Flowfresh Primer
Scatter Aggregate
Flowfresh MF
Colour Flakes
Flowseal Ultra

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 web site at 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.

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.

Microbial / Fungal Resistance

The Polygiene® antimicrobial additive incorporated into Flowfresh Ultra Flakes provides control of most bacteria and fungi which come into contact with the floor.

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 2 (indicative)
Slip Resistance	TRRL Pendulum Slip Test Dry >56, Wet >45 (aggregate dependant)
Impact Resistance	BS8204 Part1 Cat: A (<0.5mm)ISO6272 1kg weight >1.8m 2kg weight >1.5m
Temperature Resistance	Upto 90°C.
Water Permeability	Nil-Karsten Test(impermeable)
Vapour Permeability	ASTM E96:90 3g/m ² /24hrs (at 6mm thick)
Chemical Resistance	Contact Technical Department Excellent resistance to sugars and most acids (organic and inorganic)
Abrasion Resistance	ASTM 4060: 0.05g loss per 1000 cycles (1kg load using CS17wheels)
Compressive Strength	>50 N/mm ² (BS6319)
Flexural Strength	>20 N/mm ² (BS6319)
Tensile Strength	>10 N/mm ² (BS6319)
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	12 hrs
Full traffic	72 hrs	48 hrs	24 hrs
Full chemical cure	12 days	7days	6days

Customer Service

For more information regarding this product please contact the manufacturer.

Further Information

To ensure you are specifying a fit for purpose floor system 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.