

Peran Floor Flakes



Description

Peran Floor Flakes is a seamless, hard wearing and chemical resistant, decorative flooring system that offers texture and vibrancy to the finished floor.

Uses

Ideal for public areas, shops and showrooms, department stores, designer outlets, restaurants, airports, schools and hospitals.

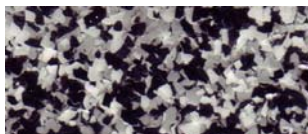
Benefits

- Attractive decorative finish
- Extensive design potential
- Seamless hygienic finish
- Easy to clean and maintain
- Chemical resistance
- High scratch resistance
- Wear resistant surface for wheeled traffic

Project References

Brondby Stadium, Belfast Crown Court, Hagley School, Clínica Rodens, Get Fresh Ltd., Sandford Holiday Park, Johnson Controls, Aran High School.

Standard Color Chart



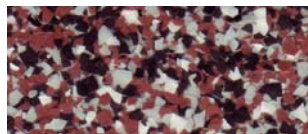
Domino B411



Cobblestone B305



Quicksilver B127



Scarlett B422



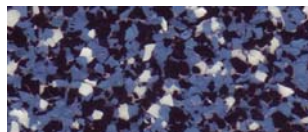
Desert Tan



Ice Blue B425



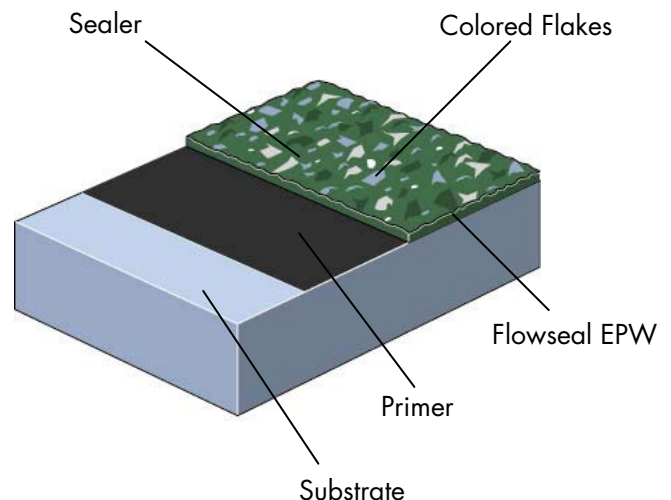
Green Bay B426



Midnight B206

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

System Design



Model Specification

Product: Peran Floor Flakes

Finish: Gloss

Thickness: 60-80 mil

Preparatory work and application in accordance with manufacturers instructions.

Supplier: Flowcrete Americas

Telephone: Customer Service 936 539 6700

Substrate Requirements

Concrete or screed substrate should be a minimum of 3,625 psi, free from laitance, dust and other contamination. The substrate should be dry to ASTM requirements and free from excessive moisture vapor transmission.

Products Included in this System

Primer : Flowseal EPW @ 200 sq ft/ gal

Flood Layer: Flowseal EPW @ 200 sq ft/ gal

Flakes : Colored Flakes @ 0.15 lbs/ sq ft

Sealer : Peran STC @ 175 sq ft/ gal

Sealer : Flowseal PU Gloss @ 320 sq ft/ gal (optional)

*Coverages listed are theoretical, actual coverages may vary based on substrate and site variations.

Flooring Design Service

Special corporate colors and designs can be produced to special order.

Installation Service

The installation should be carried out by a Flowcrete preferred contractor with a documented quality assurance program.

Obtain details of our preferred contractors by contacting our customer service team or enquiring via our web site

www.flowcreteamericas.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.

Technical Information

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

Fire Resistance

Class G

Certificate No 1721/75 SITAC

Slip Resistance

Method described in BS 7976-2

(typical values for 4-S rubber slider)

Dry 56 Wet 23

Dry 73 Wet 64 (with graded aggregate incorporated)

Abrasion Resistance

BS8204:Part 2:2002 Class AR2 –

Medium duty industrial and commercial.

Temperature Resistance

Tolerant of sustained temperatures up to 120°F

Water Permeability

Nil - Karsten test (impermeable)

Vapour Permeability

ASTM E96:90

2.5 g /m²/ mm/24hrs

Chemical Resistance

Good resistance to tea, coffee, cola, fruit juice, soaps and bleach.

Contact Flowcrete Americas for chemical resistance chart

Impact (ISO 6272)

1 kg weight >1.8 m

2 kg weight >1.5 m

Flexural Strength

2,175 psi (ASTM C580)

Tensile Strength

1,450 psi (ASTM C307)

Bond Strength

Greater than cohesive strength of

3625 psi. >220 psi

VOC (Peran STC)

12 g/l

Aftercare - Cleaning and Maintenance

Clean floors regularly using a rotary scrubber in conjunction with a mildly alkaline detergent.

Important Note - Warranty

Flowcrete's 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 using products.

Further Information

If you would like additional information please consult our Technical Advisory Team at the number listed below or visit our website to register your interest in specifying a Flowcrete flooring system.

Disclaimer: Any recommendation or suggestion relating to the use of the products made by Flowcrete Americas, whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.

