

Mondéco Earth (6 mm)



Description

Hygienic epoxy terrazzo floor finish that contains the unique antimicrobial agent Ultra-Fresh®. Aggregate: Granite and flint.

Uses

Environments where hygiene, chemical resistance and durability are of paramount concern - Mondéco Earth is suitable for heavy-duty food and pharmaceutical production and process areas, corridors and kitchens. Also suitable for airport and railway terminals, shopping centres, hotels and restaurants.

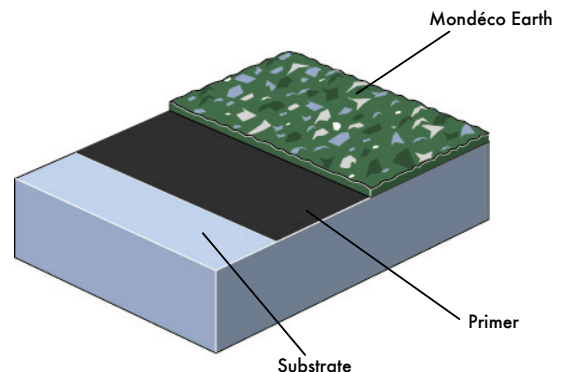
Benefits

- Aesthetically pleasing - enhances the working environment
- Joint free surface (except for underlying slab joints)
- Easy to clean and maintain
- Contains Ultra-Fresh® anti-microbial agent - inhibits growth of bacteria, fungi, moulds, and mildew
- Highly chemical resistant
- Abrasion and impact resistant
- Anti-static grade available

Project References

Food:- Nestlé, McVities, Jacobs, Cadbury.
 Pharmaceutical:- Roche, Wyeth, Schering, Boots, Merc Sharpe Dome, Astra Zeneca.
 Henry Moore Art Gallery, Leeds, UK; Planet Hollywood, Cannes, France; Karen Millen, Sweden.

System Design



Standard colour chart



Blueberry



Coconut



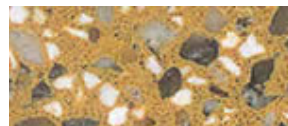
Tangerine



Pomegranate



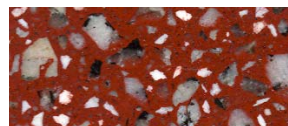
Kiwi



Peach



Almond



Chilli Pepper

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.

Model Specification

Product: Mondéco Earth

Finish: Gloss

Thickness: 6mm

Colour: _____

Preparatory work and application in accordance with manufacturers instructions.

Manufacturer: Flowcrete UK Ltd.

Telephone: Customer Service - +44 (0) 1270 753000

Installation Service

The installation should be carried out by a Flowcrete approved contractor with a documented quality assurance scheme.

Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site www.flowcrete.com

Products Included in this System

Primer: Flowprime @ 0.25 kg/m²

Topping: Mondéco Earth (average density 2.1 kg/l) @ 16.8 kg/m²

(Applied at 8 mm, ground down to 6 mm)

Grout: Mondéco Coloured Grout @ 0.1 kg/m²

Sealers: Flowseal LS @ 0.2 kg/m²

Detailed application instructions are available upon request.

Focus on the Floorzone

Flowcrete Group plc 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.

Flooring Design Service

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

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. If no damp proof membrane is present Flowcrete Hydraseal DPM can be incorporated directly beneath the Mondéco system.

Microbial / Fungal Resistance

The Ultra-Fresh[®] antimicrobial additive incorporated into Mondéco Earth provides control of most bacteria and fungi which come into contact with the floor including those most threatening to human health: Staphylococcus Aureus, Escherichia Coli, Salmonella Choleraesuis, Listeria Welshimeri.



Ultra-Fresh[®] is the registered trademark of Thomson Research Associates.

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.

System Performance Guide

Complies with BS 8204-6/FeRFA type 8.

The table below shows how well the system complies with different characteristics.

A scale of 1 - 5 where 5 is the best value.

5 Excellent, 4 Very Good, 3 Good (Pass), 2 Fair, 1 Poor

Fire Safety	4	Impermeability	5
Slip Resistance	3	Cleanability	5
Impact Resistance	5	Wear Resistance	5
Thermal Resistance	3	Chemical Resistance	4
Heavy Traffic	5	Scratch Resistance	5

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: Spread of Flame : Class 2 TRRL Pendulum Slip Test Dry 80
Slip Resistance	BS8204 Part1 Cat: A (<0.5mm)
Impact Resistance	Tolerant up to 70 °C
Temperature Resistance	Nil - Karsten Test (impermeable)
Water Permeability	Go to www.flowcrete.com
Chemical Resistance	Taber Abrader: 20mg loss per 1000 cycles (1kg load using H17 wheels) BS8204-2: Class AR2 > 55 N/mm ² (BS6319)
Abrasion Resistance	25 N/mm ² (BS6319)
Compressive Strength	13 N/mm ² (BS6319)
Flexural Strength	Greater than cohesive strength of 25N/mm ² concrete. >1.5 MPa.
Tensile Strength	Taint Free to sensitive foodstuffs.
Bond Strength	
Toxicity (when cured)	

Speed of Cure

	10 °C	20 °C	30 °C
Light traffic	24 hrs	16 hrs	10 hrs
Full traffic	72 hrs	48 hrs	36 hrs
Full chemical cure	12 days	7 days	7 days

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 Flowcrete staff and fully trained and experienced contractors.

Life Expectancy

10 years - subject to correct maintenance regime.

Further Information

To ensure you are specifying a fit for purpose flooring 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.

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