

Mondéco ESD Earth (6mm)



Description

Mondéco Earth is an antistatic, hygienic epoxy terrazzo floor finish that complies with BS2050 requirements.

Uses

To provide a hard wearing, decorative, seamless, antistatic floor. Typical uses are electronics, food, pharmaceutical and chemical production and process areas in environments where hygiene, chemical resistance and durability are paramount.

Benefits

- Aesthetically pleasing - enhances the working environment
- Solvent free, low odour
- Design flexibility
- Seamless finish
- Easy to clean and maintain
- High abrasion resistance
- Meets BS2050 antistatic requirements

Standard Colour Chart



Blueberry



Coconut



Tangerine



Pomegranate



Kiwi



Peach

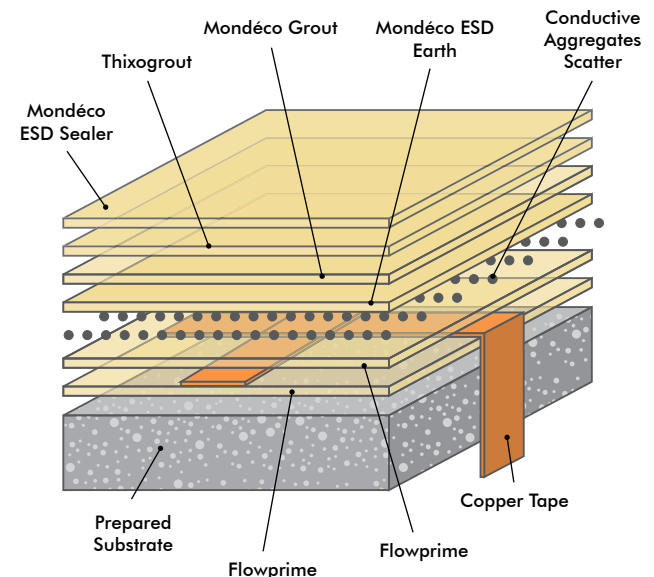


Almond



Chilli Pepper

System Design



Model Specification

System: Mondéco ESD Earth
Finish: Semi Gloss
Thickness: 8mm (ground down to 6mm)
Preparatory work and application in accordance with manufacturer's instructions.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination. Substrate should be dry up to 75% RH as per BS8204 and free from rising damp and ground water pressure. The level tolerance of the substrate should be to SR1.

Products Included in this System

Flowprime
Copper Tape (conductive grid of 12 mm wide copper tape)
Flowprime
Conductive Aggregates Scatter
Mondéco ESD Earth (Applied at 8 mm, ground down to 6 mm)
Mondéco Grout
Thixogrout
Mondéco ESD Sealer

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.

Microbial / Fungal Resistance

At an additional cost, an antimicrobial additive can be incorporated into Mondéco to provide 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	B _{FL} - 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.

Impact Resistance	BS8204 Part1 Cat: A (<0.5mm)
Temperature Resistance	Tolerant up to 60°C
Water Permeability	Nil – Karsten test (impermeable)
Chemical Resistance	Contact Technical Department
Abrasion Resistance	Taber Abrader: 50mg loss per 1000 cycles (1kg load using CS17 wheels)
Compressive Strength	>55 N/mm ² (BS 6319)
Flexural Strength	>20 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.
Toxicity (when cured)	Taint free to sensitive foodstuffs
Electrical Resistance	5.0 x 10 ⁴ – 1.0 x 10 ⁸ Ω (BS2050)

Speed of Cure

	10°C	20°C	30°C
Light Traffic	24 hrs	20 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.