

Mondéco TZ (7mm)



Description

A high temperature resistant, steam cleanable polyurethane terrazzo finish.

Uses

Ideal for pharmaceutical, food and chemical process areas where the floor is subjected to hot fluid spillages, steam cleaning, heavy traffic, impact and chemical attack.

Benefits

- Attractive terrazzo finish
- Excellent thermal shock resistance, steam cleanable
- Contains Polygiene, an antimicrobial additive based on silver ion technology
- Excellent all round chemical resistance
- Seamless and hygienic finish
- Easy to clean
- High abrasion resistance
- Low odour during installation

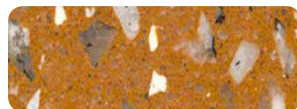
Project References

Available on request.

Standard Colour Chart



Cream



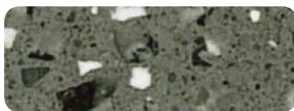
Mustard



Dark Green



Ochre

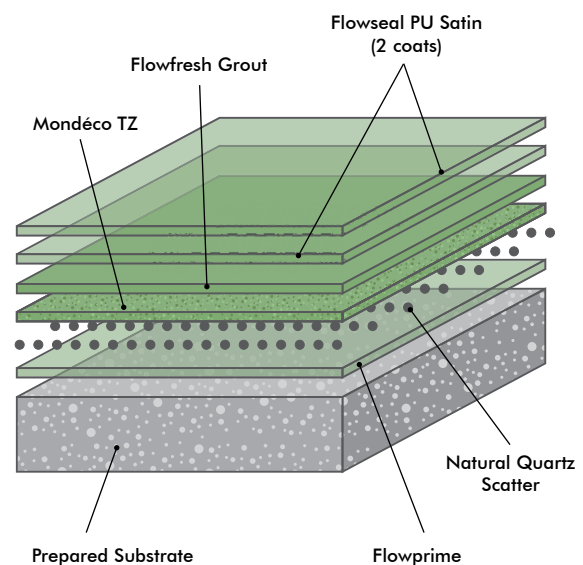


Mid Grey



Tile Red

System Design



Model Specification

Product: Mondéco TZ
Finish: Satin/Matt
Thickness: 9mm (ground down to 7mm)
Preparatory work and application in accordance with suppliers instructions.
Manufacturer: Flowcrete Middle East FZCO
Telephone : Customer Service +971 4 886 4728

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 up to 75% RH as per BS 8204 and free from rising damp and ground water pressure. If no damp proof membrane is present Hydraseal DPM can be incorporated directly beneath the Mondéco system.

Products Included in this System

Flowprime
Natural Quartz Scatter
Mondéco TZ
Flowfresh Grout
Flowseal PU Satin*

* Flowseal PU Matt may be used for a matter finish.

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.flowcrete.ae

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 the manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

Focus on the Floorzone

Flowcrete Middle East FZCO is a division of the Flowcrete Group, 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 and corrosion protection systems... to name just a few. Our corporate objective is to satisfy your flooring needs.

Microbial / Fungal Resistance

The Polygiene antimicrobial additive incorporated into Mondéco TZ provides control of most bacteria and fungi which come into contact with the floor.

Note

Mondéco TZ is not colour fast and may change colour slightly over time (exhibits a yellowing effect). Colour change depends on the UV light and heat levels present. This is more noticeable in light colours and blues but does not compromise the product's flexibility or chemical resistance characteristics. We have endeavoured to adopt colours within our standard range which minimise this change.

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Technical Information

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

Fire Resistance	BS 476:Part 7: Surface spread of flame - Class 2 (indicative)
Slip Resistance	Dry >40 low slip potential (typical values for 4-S rubber slider) Method described in BS7976-2 (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	BS 8204-1 Cat: A (<0.5mm)
Temperature Resistance	Tolerant to intermittent spillages up to 120°C or sustained dry heat from -40°C to 105°C (at 9 mm thickness)
Coefficient of Thermal Expansion	1.7 x 10 ⁻⁵ /°C (ASTM C531)
Thermal Conductivity	1.20 W/m°C (BS 874)
Water Permeability	Nil - Karsten test (impermeable)
Vapour Permeability	2g/m ² /8mm/24 hours
Surface Hardness	300 secs. Koenig Hardness Test
Chemical Resistance	Contact Technical Department
Abrasion Resistance BS 8204-2: Class AR2	Taber Abrader: 20mg loss per 1000 cycles (1kg load using H22 wheels)
Compressive Strength	>55 N/mm ² (BS 6319)
Flexural Strength	>20 N/mm ² (BS 6319)
Tensile Strength	>8 N/mm ² (BS 6319)
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. >1.5 MPa.

Complies with BS 8204-6/FeRFA category 8.

Speed of Cure (per layer)

	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.

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.

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.