



MONDÉCO

◀ Seamless terrazzo flooring that delivers a stylish surface suited for use in upmarket commercial environments

Commercial Flooring Technical Profile



Flowcrete's Commercial Flooring range has been developed to deliver the ultimate in aesthetic appeal, without compromising on performance.

Available in a range of attractive smooth, flaked and stone finishes, our seamless resin flooring solutions provide an appealing surface underfoot.

Durable formulations take heavy footfall and exposure to detergents and corrosive agents in their stride, ideally suited to busy public venues that might be subject to spillages and daily cleaning regimes. Added benefits of impressive slip resistance, noise reduction and versatility result in a range of flooring solutions ideally suited to a variety of commercial environments.

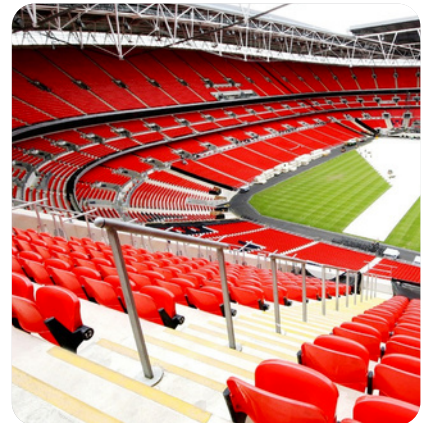
Application Suitability



Retail



Railways & Airports



Stadia



Education & Offices



Leisure



Healthcare

Mondéco Seamless Terrazzo Technical Profile



Flowcrete's seamless terrazzo flooring range, Mondéco, is the ultimate surface material for commercial environments owing to its eye-catching and durable finish.

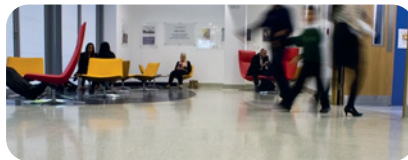
Terrazzo flooring dates back to Ancient Rome where its vibrant, wear-resistant and flexible qualities proved popular with forward-thinking architects building the first modern empire.

Fast-forward to the present day, where Flowcrete's take on this impressive flooring solution remains the first-choice for designers across the globe. Offering a mix of aggregates ranging from sparkling crystal mirror glass right through to tough flint and granite chippings, the Mondéco range is the designer's dream for all interior flooring projects.

Application Suitability



Retail



Leisure



Airports



Transport



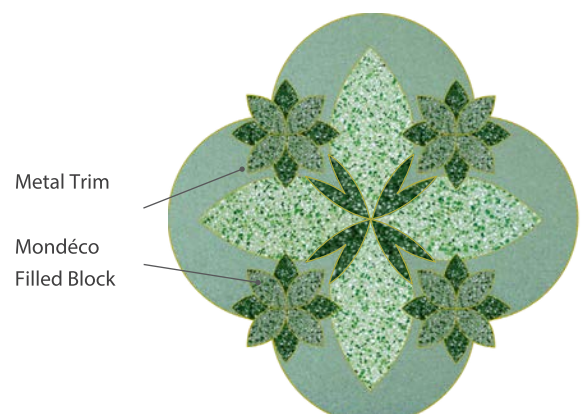
Offices



Pharmaceutical

Creative Design Potential

Mondéco can be installed in a variety of complicated patterns using brass or aluminium trims, which are laid on the surface of the floor in a matrix that designates each area of the design. Mondéco is simply used to fill each colour block before the whole surface is ground to reveal the stunning design.



Technical Profile

FIR RESISTANCE

EN 13501-1

BFL - s1

SLIP RESISTANCE

Method described in
BS 7976-2
(typical values for 4-5
rubber slider)

Dry >40,
Wet depends on specification
(in accordance with HSE
and UKSRG guidelines)

TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 60°C

WATER PERMEABILITY

Karsten Test

Nil (Impermeable)

ABRASION RESISTANCE

BS 8204-2

Grade AR2

COMPRESSIVE STRENGTH

EN 13892-2

>55 N/mm²

FLEXURAL STRENGTH

EN 13892-2

>20 N/mm²

TENSILE STRENGTH

BS 6319

>10 N/mm²

Mondéco Crystal (6 mm)

A seamless, highly decorative, solvent free, epoxy resin terrazzo floor finish incorporating recycled, clear crystal glass aggregates.

Mondéco Crystal is suitable for airport terminals, shopping centres, hotels, and environments where design and aesthetics are key.



Luxurious, attractive sparkling finish



Seamless application for hygiene



Durable for a long lifecycle



Resistant to chemicals and traffic

Standard Colours



Glacier



Nougat



Roman Silver



Bluebelle



Opal



Candy Apple



Cranberry



Cherry



Mondéco Earth (6 mm)

A seamless, highly decorative, solvent free, epoxy resin terrazzo floor finish incorporating granite and flint aggregates.

Mondéco Earth is aesthetically pleasing whilst also being suitable for environments where hygiene, chemical resistance and durability are key, such as pharmaceutical production and process areas.



Attractive:

Offers extensive design potential to deliver the wow-factor underfoot.



Easy to Clean:

Delivers a hygienic seam-free surface that is easy to clean and maintain.



Durable:

A highly durable finish that delivers an impressive lifecycle.



Chemical Resistant:

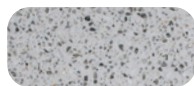
Provides protection against chemicals and corrosive cleaning agents.



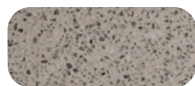
Resistant:

Holds its own against impact and sustained foot and wheeled traffic.

Standard Colours



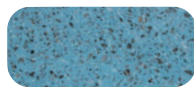
Snow



Pebble



Greystone



Moonstone



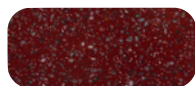
Sea Green



Spring Green



Coral



Ruby

The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.

Technical Profile

FIRE RESISTANCE

EN 13501-1	BFL - s1
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SLIP RESISTANCE

Method described in BS 7976-2 (typical values for 4-S rubber slider)	Dry >40, Wet depends on specification (in accordance with HSE and UKSRG guidelines)
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TEMPERATURE RESISTANCE

Tolerant of sustained temperatures up to 60°C

WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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ABRASION RESISTANCE

Taber Abrader	50 mg loss per 1000 cycles (1 kg load using CS17 wheels)
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COMPRESSIVE STRENGTH

EN 13892-2	>55 N/mm ²
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FLEXURAL STRENGTH

EN 13892-2	>20 N/mm ²
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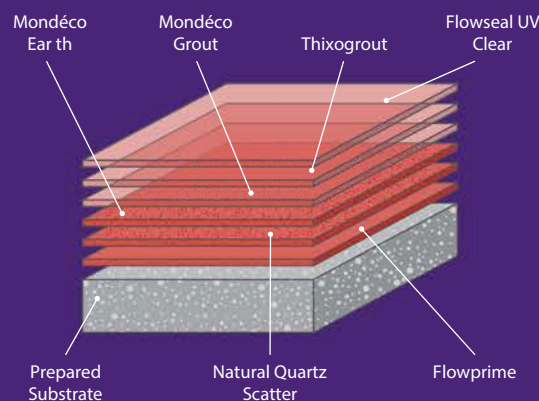
TENSILE STRENGTH

BS 6319	>10 N/mm ²
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BOND STRENGTH

>1.5 MPa*

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



*Assumes concrete compressive strength is greater than 25N/mm²

** Cure times at temperatures between 0-30°C can be achieved by altering the quantity of catalyst used.

For applications falling outside of this temperature range, please contact your local Flowcrete Technical Department.

Mondéco TZ (8 mm)

Delivers a high temperature resistant, steam cleanable polyurethane terrazzo finish.

Suitable for use in areas subject to hot fluid spillages, steam cleaning, heavy traffic, impact and chemical attack.



Attractive:

Available in a range of bright colours with a granite fleck.



Hygienic:

Contains a silver ion antimicrobial additive, Polygiene® to protect the surface.



Lifecycle Cost Efficiencies:

Offers significant lifecycle cost savings compared to tile or vinyl floor finishes.



Chemical Resistant:

Highly resistant to chemicals.



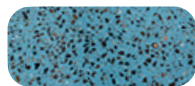
Temperature Resistant:

Excellent thermal shock resistance.

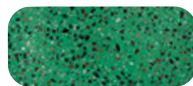
Standard Colours



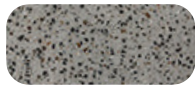
Light Ivory



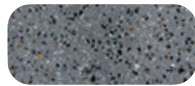
Light Blue



Signal Green



Signal Grey



Dusty Grey



Terracotta Red

The applied colours may differ from the examples shown. For a full colour chart and samples, contact your local Flowcrete office.

Technical Profile

FIRE RESISTANCE

BS 476-7 Spread of Flame	Class 2
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SLIP RESISTANCE

BS 7976-2	Dry: >40 Low slip potential
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TEMPERATURE RESISTANCE

Tolerant to intermittent spillages up to 120°C or sustained dry heat from -40°C to 105°C (at 9mm thickness)

ABRASION RESISTANCE

S 8204-2	50 mg loss per 1000 cycles (1 kg load using CS17 wheels)
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COMPRESSIVE STRENGTH

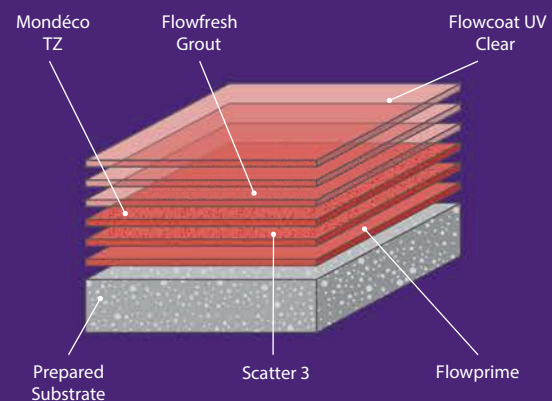
BS 6319	> 55 N/mm ²
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WATER PERMEABILITY

Karsten Test	Nil (Impermeable)
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** These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.*

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



*Assumes concrete compressive strength is greater than 25N/mm²

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Temperature Resistant:

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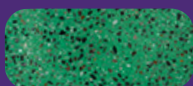
Standard Colours



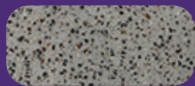
Light Ivory



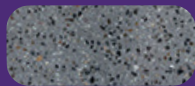
Light Blue



Signal Green



Signal Grey



Dusty Grey



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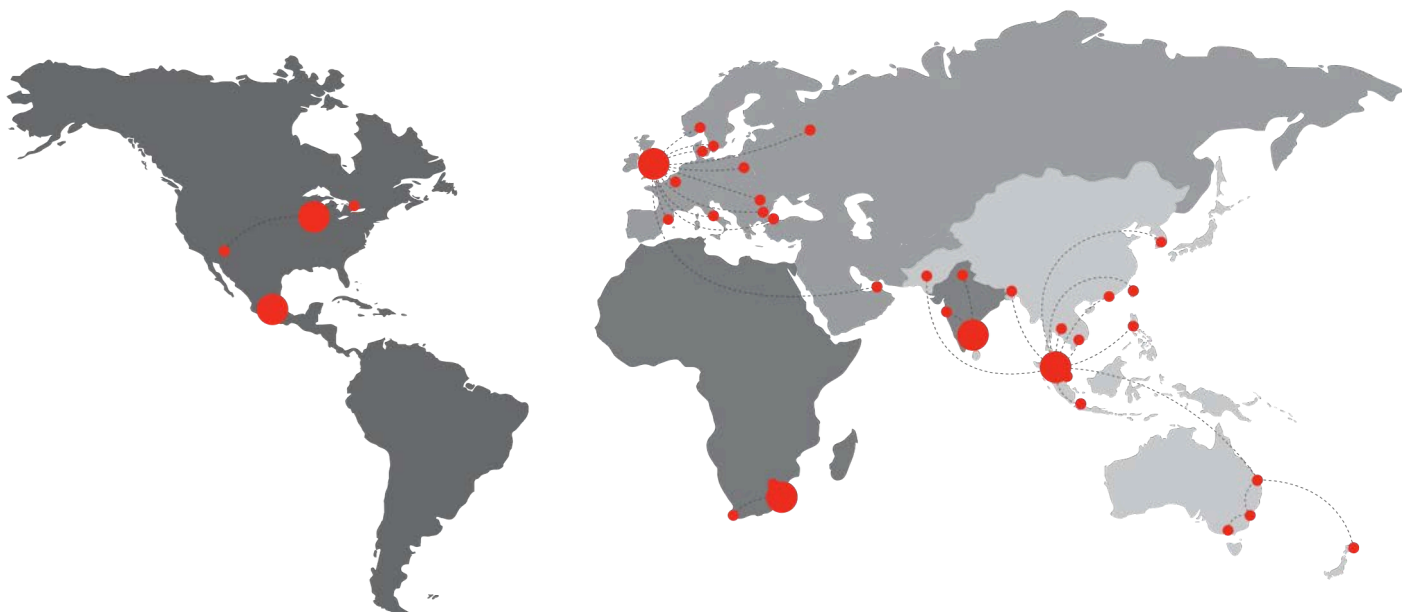






Application Suitability

Food & drink	
Pharmaceutical	<input type="checkbox"/>
Engineering	
Offices	<input type="checkbox"/>
Chemical processing	
Manufacturing	
Retail environments	<input type="checkbox"/>
Transport	<input type="checkbox"/>
Stadia	<input type="checkbox"/>
Education	<input type="checkbox"/>
Airports	<input type="checkbox"/>
Healthcare	<input type="checkbox"/>



Flowcrete

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