

Mondéco HD (12 mm)



Description

Mondéco HD is a seamless polymer cement terrazzo floor finish. Aggregate: Marble

Uses

Mondéco HD Seamless Terrazzo is suitable for airport and railway terminals, shopping centres, hotels and environments where design and durability are of paramount concern.

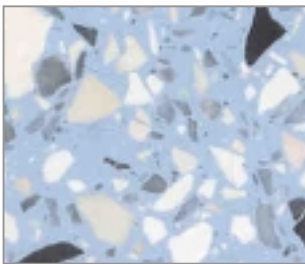
Benefits:

- Aesthetically pleasing - enhances the working environment
- Joint-free surface - improves hygiene
- Easy to clean and maintain
- Positive slip resistant microtexture from the diamond ground surface
- Abrasion resistant
- Hard wearing
- 25 year guarantee

Project References:

Mars, L'Oreal, Kwik Save, Welsh Millennium Centre, RAF Lakenheath airbase shopping zone.

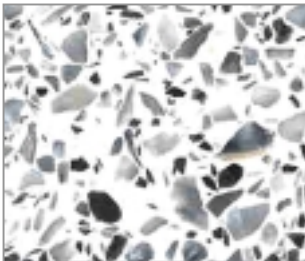
Standard colour chart



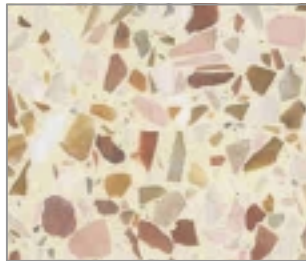
Blue



White



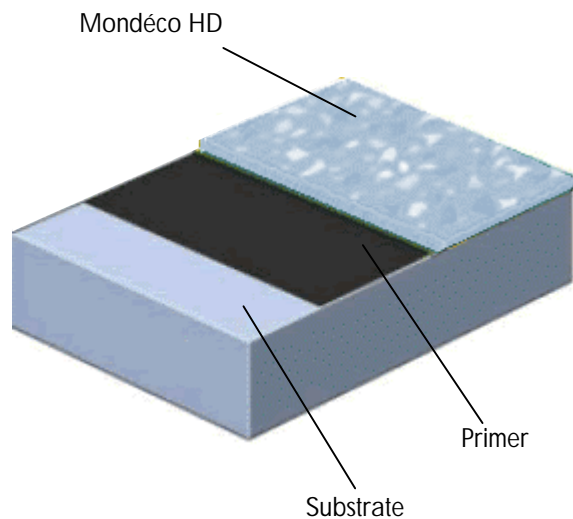
Grey



Yellow

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.

System Design



Model Specification

Product: Isocrete Mondéco HD

Finish: Semi gloss

Thickness: 12 mm

Colour: _____

Preparatory work and application in accordance with manufacturers instructions.

Manufacturer: Isocrete Commercial Flooring

Telephone: Customer Service - +44 (0) 1270 753753

The installation should be carried out by an Isocrete licensed contractor with a documented quality assurance scheme.

Products Included in this System

Primer: Flowbond ESB @ 0.3 kg/m²

Topping: Mondéco HD, typical coverage at 14 mm, 31 kg/m²
(Applied at 14 mm, ground down to 12 mm)

Curing membrane: Isocrete CM @ 0.2 kg/m²

Grout: Mondéco HD Grout @ 0.1 kg/m²

Sealers: Option 1 (medium duty)

Flowchem SP4 @ 0.1 kg/m² (applied in 3 coats)

Option 2 (heavy duty)

Flowseal LS10 @ 0.1 kg/m² (applied in 2 coats)

Non-slip finishes: various grades of aluminium oxide or glass spheres can be incorporated to provide a textured surface.

Detailed application instructions are available upon request.

Focus on the Floorzone

Isocrete Commercial Flooring 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, 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 in Mondéco, an epoxy resin based terrazzo (see separate data sheets).

Installation Service

The installation should be carried out by an Isocrete licensed contractor with a documented quality assurance scheme.

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

www.isocrete.com.

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 Isocrete Aqualock DPM can be incorporated directly beneath the Mondéco HD system.

System Performance Guide

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	5	Impermeability	4
Slip Resistance	3	Cleanability	5
Impact Resistance	5	Wear Resistance	5
Thermal Resistance	3	Chemical Resistance	3
Foot 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	BS5476:Part 7: Spread of Flame Class 1
Slip Resistance	TRRL Pendulum Slip Test Dry 60 Wet 40
Impact Resistance	BS8204 Part1 Cat: A (<0.5mm)
Temperature Resistance	Tolerant of sustained temperatures up to 50°C (Use Monodec HD for temperatures up to 150°C)
Water Permeability	Nil - Karsten test (Impermeable)
Vapour Permeability	2g / m ² / 12 mm per 24 hours
Surface Hardness	300 seconds (Koenig Test)
Chemical Resistance	Go to www.isocrete.com Good resistance to tea, coffee, cola and detergents.
Compressive Strength	> 50 N/mm ² (BS EN 196)
Flexural Strength	> 9 N/mm ² (BS EN 196)
Tensile Strength	> 5 N/mm ² (BS 6319)
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. > 1.5 MPa.

Speed of Cure

	10°C	20°C	30°C
Light traffic	48 hrs	36 hrs	24 hrs
Full traffic	5 days	3 days	3 days
Full cure	28 days	20 days	20 days

Aftercare - Cleaning and Maintenance

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

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.

Important Note

Isocrete'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.

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