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The Chemical Company

MASTERTOP® DTZ

Highly decorative seamless epoxy terrazzo floor system

Description

MASTERTOP DTZ is a seamless decorative flooring system combining durable pigmented epoxy resin with synthetic and natural aggregates including marble, coloured and clear glass, Mother of Pearl and acrylic chips, to produce a durable yet highly decorative flooring system. Divider strips of aluminium, zinc or brass can be used to separate different coloured finishes and to form part of the finished floor.

The MASTERTOP DTZ system is pre-blended and trowel laid, then ground and polished to reveal the natural beauty of the aggregate surrounded by the gloss pigmented background.

MASTERTOP DTZ has been tested in accordance with NTMA guidelines.

Typical applications

- Hospitals
- Restaurants
- Cafes
- Nightclubs
- Showrooms
- Government Buildings
- Public Buildings
- Shopping Centres
- Airport Terminals
- Hotel Receptions

Features and benefits

- Seamless finish
- Easily cleaned
- Highly decorative
- Enhanced anti-slip properties
- Light-weight, little or no structural weight loading implications
- Solvent-free low odour
- Chemically resistant to spillage most household liquids.
- High abrasion and wear resistance
- High strength
- Low maintenance

Precautions

The substrate should be fully cured prior to the application of MASTERTOP DTZ. An effective moisture vapour barrier is required for substrates on or below grade. The substrate must be structurally sound and cleaned of any foreign matter that will inhibit adhesion and must be dry.

The Architect should address joint details prior to the job start with the flooring contractor.

Packaging

MASTERTOP DTZ is supplied as follows:

	Mixed Weight
Primer MASTERTOP P650	5kg (2 components)
Crack suppressant membrane MASTERTOP M332 CS	4.5kg (2 components)
Crack suppressant mat MASTERTOP MAT 10	1m x 50m roll
Floor screed MASTERTOP BC 304	30.95kg (4 components)
Pore sealer MASTERTOP FILLER 22	5 & 10kg (1 component)
Surface sealer MASTERTOP TC 425	5 litres (1 component)
Divider strip (min 10mm depth)	Piece

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Coverage

MASTERTOP P650	0.2-0.3kg/m²
MASTERTOP M 332 CS	0.5 litre/m² (0.525kg/m²)
MASTERTOP MAT 10	1m²/m²
MASTERTOP BC 304	22kg/m² @ 10mm
MASTERTOP FILLER 22	Approx. 0.025kg/m²/coat 1-3 applications required
MASTERTOP TC 425	0.015 litres / m² / per coat (approx. 3 coats required)

Colours

MASTERTOP DTZ is available in the Europa Matrix in 8 standard finishes:
Limestone, Sandstone, Granite, Quartz, Sapphire, Jade, Marble and Amber.

Tailor-made finishes can be created containing a unique combination of natural aggregate with a bespoke coloured resin background. For further details, please consult with your BASF respresentative.

Application procedure

Preparation of substrate:

MASTERTOP DTZ must only be applied by the Manufacturers approved Applicator. The following is only a summary of the installation procedures.

MASTERTOP DTZ must be applied to a clean, sound substrate free of contaminants. The substrate should be sufficiently level, to allow for fixing of temporary or permanent formwork. Any surface imperfections must be repaired.

Mechanical means of preparation is recommended followed by the removal of dust and other loose debris using an industrial vacuum.

When applying MASTERTOP DTZ, the substrate must contain no more than 5% moisture and have an effective damp-proof membrane. All expansion joints must be reflected through MASTERTOP DTZ system. Generally, any design detail is drawn onto the prepared substrate; and then aluminium, zinc alloy or brass divider strips mechanically fixed into place.

Application:

The following processes should all be carried out in strict accordance with the manufacturer's guidelines and the Method Statement.

1. Porous substrate shall be primed.
2. Install the crack suppressant membrane which incorporates MASTERTOP M332 CS and MASTERTOP MAT 10.
3. Install divider strips as per the required design.
4. Mix and apply MASTERTOP BC 304 mixture, finishing by trowelling to level (approximately) with the top of the divider strips.
5. Carry out rough grinding
6. Grout surface of MASTERTOP BC 304 with MASTERTOP FILLER 22 ensuring all pinholes and voids are filled
7. Carry out final grinding and polishing
8. Apply sealer coat MASTERTOP TC 425.

Safety precautions

As with all chemical products, care should be taken, during use and storage, to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product has fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use.

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Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF Construction Chemicals UAE LLC representative.

BASF Construction Chemicals UAE LLC reserves the right to have the true cause of any difficulty determined by accepted test methods.

Quality and care

All products originating from BASF Construction Chemicals Dubai, UAE facility are manufactured under a Management System independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and OHSAS 18001.

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* Properties listed are based on laboratory controlled tests.

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As all BASF technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.

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