

# INNO-DECO FOX DOMINO® TERRAZZO +20 FD772

## Cement Based, High Strength, Fast Application, Early Curing Binder

### Description

**FOX DOMINO® TERRAZZO +20 FD772** is a cement-based, high strength, fast-applied, specially developed binder for the early curing **FOX DOMINO PLUS TERRAZZO** system.

### Fields of Application

- Interiors and exteriors,
- Airports,
- Hospitals,
- Galleries,
- Shopping malls,
- Supermarkets,
- Magazines and showrooms,
- Hotels

### Advantages

- Fast application.
- After 8 hours can be opened to pedestrian traffic.
- Fast hardening; Becomes carrier after 24 hours.
- Can be opened to traffic fast.
- Non-flammable.
- Provides aesthetic appearance to the surface.

### Technical Features

Structure of the Material			Cement mixture
Density			2,2-2,5 gr/cm <sup>3</sup>
Compressive Strength	TS EN 12190	7 days	>50 N/mm <sup>2</sup>
		28 days	>60 N/mm <sup>2</sup>
Bending Strength	TS EN 12190	7 days	>6 N/mm <sup>2</sup>
		28 days	>6 N/mm <sup>2</sup>
Application Temperature			+5°C / +35°C
Working Time			60 minutes
Fire Class	TS EN 13501		A1

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures increase the time.

### Surface Quality

Concrete substrates to be applied must have a strong and sufficient compressive strength (at least 25 N/mm<sup>2</sup>), tensile strength at least 1.5 N/mm<sup>2</sup>, humidity should be maximum 4%, ground temperature minimum + 8°C. In addition, it should be noted that the dew point of the ground is above +3°C. The substrate should be clean, dry and free from all kinds of dirt, oil, grease, coating and surface curing materials etc.

### Application Procedure

#### Substrate Preparation

Concrete substrates to be applied should be prepared in a way to obtain an open porous surface by removing cement grout by using abrasive equipment (Shot Blasting, milling, diamond polishing etc.). Weak concrete pieces should be removed from the surface, small gaps, holes should be made completely open. The resulting dust should be cleaned with the help of an industrial vacuum cleaner. Subsurface repairs, filling the gaps and levelling the surface should be done with **FOX MORTAR FC188 T** repair mortar.



### Application Conditions

- Surface moisture content should be below 4%.
- Test method: CM - measurement or drying method in the oven.
- There should be no rising humidity according to ASTM. (Polyethylene cover test).
- Relative air humidity should be maximum 80%.
- Pay attention to dew and condensation!
- Dew and water vapour condensation on the floor that has not been applied or newly coated will damage the coating. To prevent this, the floor temperature must be above +5°C.

### Watch Points in Application

Surface Temperature	; Minimum +5°C - Maximum +30°C
Ambient Temperature	; Minimum +5°C - Maximum +30°C
Material Temperature	; Minimum +10°C - Maximum +30°C

### Mixing

Before starting the mixture, make sure that the product temperatures are between +5°C and +30°C. For 25 kg FOX DOMINO® TERRAZZO +20 FD772 mixture, 37,5 kg aggregate is mixed in the mortar machine with 4,50-5,00 lt water. Avoid over mixing to minimize air entrainment.

### Application

#### Primer

The surfaces on which FOX DOMINO® TERRAZZO +20 FD772 will be applied must be previously primed with the EPOTHANE® series primer. Attention should be paid to the floor temperature (min +8°C). FOX DOMINO® TERRAZZO +20 FD772 should be applied over the primer during the application period.

#### Coverage

Approximately 11,5 kg/m<sup>2</sup> powder for 1 cm

#### Package

25 kg kraft bag

#### Shelf Life

When stored correctly at room temperature, away from direct sunlight, between +5°C and +30°C, its shelf life is 6 months from the date of manufacture. Opened packages can be used throughout their shelf life by closing the covers again.

#### Storage

It should be stored in its original package, in a cool and dry place protected from frost during the winter months. In short-term storage, maximum 3 pallets should be placed on top of each other and shipment should be made with the first-in, first-out system. In long-term storage, pallets should not be placed on top of each other.

#### Safety Precautions

It is dangerous to approach the storage and application areas with fire. Storage and application areas should be ventilated. During the application, work clothes, protective gloves, goggles, masks in accordance with the occupational health and safety rules should be used. During storage and application, it should not be contacted with the skin and eyes, if it is touched, it should be washed immediately with plenty of water and soap, and if swallowed, consult a doctor immediately. Food and drink materials should not be introduced into the application areas. It should be stored out of the reach of children. For detailed information, please refer to the Material Safety Data Sheet.

#### Disclaimer

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