

INNO-DECO

FOX DOMINO® TERRAZZO +20 FD772

Cement Based, High Strength, Early Setting Binder

Description

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

Fields of Application

- Indoors and outdoors,
- At airports,
- In hospitals,
- In the galleries,
- In shopping centers,
- In supermarkets,
- In stores and showrooms,
- Used in hotels.

Advantages

- Can be applied quickly.
- Can be walked on after 8 hours.
- Very fast hardening; becomes load-bearing after 24 hours.
- Open to fast traffic.
- Not flammable.
- Gives aesthetic appearance to the surface.

Technical Properties

Material Structure			Cement mixture
Density			2,2±0,25 gr/cm ³
Compression Strength	EN 12190	7 days	≥50 N/mm ²
		28 days	≥60 N/mm ²
Flexural Strength	EN 12190	7 days	≥6 N/mm ²
		28 days	≥6 N/mm ²
Application Temperature			+10°C / +30°C
Working Time			25-30 min
Fire Class	EN 13501-1		A1

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

Surface Quality

Concrete substrates to be applied must be solid and have sufficient compressive strength (at least 25 N/mm²), tensile strength must be at least 1.5 N/mm², humidity must be maximum 4%, ground temperature must be minimum +10°C. It should also be ensured that the dew point of the ground is above +3°C. The substrate must be clean, dry and free from foreign materials such as dirt, oil, grease, coating and surface curing materials etc.

Application Procedure

Substrate Preparation

Concrete sub-surfaces to be applied should be prepared by using abrasive equipment (Shot Blasting, milling, diamond grinding, etc.) to remove the cement grout and obtain an open porous surface. Weak concrete pieces should be removed from the surface, small gaps and holes should be made completely open. The resulting dust should be cleaned with the help of an industrial vacuum cleaner. Sub-surface repairs, filling the gaps and leveling the surface should be done with **FOX MORTAR FC188 T** repair mortar.

Application Conditions

- The surface moisture content must be below 4%.
- Test method: CM - measurement or drying in an oven.
- There should be no rising humidity according to ASTM (Polyethylene cover test).
- Relative air humidity should be maximum 80%.
- Beware of dew and condensation!
- Dewing and condensation of water vapor on untreated or newly coated floors will damage the coating. To prevent this, the floor temperature must be above +10°C.



Watch Points

Surface Temperature ; Minimum +10°C - Maximum +30°C
Ambient Temperature ; Minimum +10°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 +20°C and +25°C. For 25 kg **FOX DOMINO® TERRAZZO +20 FD772**, 37.5 kg aggregate is mixed with 5.00±0.25 liters of water in a mortar machine. Avoid over mixing to minimize air entrainment.

Application

Priming

FOX DOMINO® TERRAZZO +20 FD772, the surfaces to be applied must be previously primed with **FOX EPOTHANE®** series primer. Floor temperature (min. +10°C) must be observed. **FOX DOMINO® TERRAZZO +20 FD772** should be applied on the primer within the application period.

Consumption

Approx. 11.5 kg/m² powder - for 1 cm

Packaging

25 kg kraft bag

Shelf Life

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

Storage

It should be stored in its unopened original packaging, in a cool and dry environment, protected from frost. For short-term storage, maximum 3 pallets should be stacked on top of each other and shipment should be made on a first-in, first-out system. For long term storage, pallets should not be stacked on top of each other.

Safety Precautions

It is dangerous to approach storage and application areas with fire. Storage and application areas should be ventilated. During the application, work clothes, protective gloves, glasses and masks in accordance with the occupational and worker health rules should be used. During storage and application, it should not be contacted with the skin and eyes, in case of contact, it should be washed with plenty of water and soap, and if swallowed, a doctor should be consulted immediately. Food and beverage materials should not be brought into the application areas. It should be stored out of the reach of children. For detailed information, the Material Safety Data Sheet should be consulted.

Disclaimer

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