

INNO-DECO FOX DOMINO® PLUS 10 FD771

Cement Based Erasable Material That Can Be Applied In 10-15 Mm Thickness with High Strength, Fast Application, Fast Curing

Description

FOX DOMINO® PLUS 10 FD771 is a high strength, self-levelling cement based material that can be applied quickly, can be used for industrial and decorative purposes, can be applied between 10-15 mm, can be used for industrial and decorative purposes indoors and outdoors.

Fields of Application

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

Advantages

- Fast application
- Can be opened to pedestrian traffic after 2-3 hours.
- Fast hardening; Becomes carrier after 24 hours.
- Can be opened to traffic fast.
- Non-Flammable.
- It gives an aesthetic appearance to the surface.
- It can be used as a binder in cement terrazzo applications of 10 mm and above.
- Can be coloured.
- Can be polished and given gloss appearance.
- Smooth.
- Has high splice strength.

Technical Features

Structure of the Material			Cement mixture
Density			2,0±0,05 gr/cm ³
Compressive Strength	TS EN 12190	after 4 hours	≥ 21 N/mm ²
		after 1 day	≥ 35 N/mm ²
		after 7 days	≥ 39 N/mm ²
		after 28 days	≥ 45 N/mm ²
Bending Strength	TS EN 12190	after 4 hours	≥ 5,5 N/mm ²
		after 1 day	≥ 9 N/mm ²
		after 7 days	≥ 10 N/mm ²
		after 28 days	≥ 13 N/mm ²
Application Temperature			+5°C / +30°C
Working Time			20-25 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/mm²), tensile strength at least 1.5 N/mm², 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 or epoxy repair mortar **FOX EPC MORTAR FC255**.

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

Application

Primer

The surfaces on which **FOX DOMINO® PLUS 10 FD771** will be applied must be primed with **FOX UNIPRIMER FL555** acrylic primer before. Attention should be paid to the floor temperature (min + 8°C). **FOX DOMINO® PLUS 10 FD771** should be applied within the application period after the primer has dried.

Mixing

Before starting the mixture, make sure that the product temperatures are between +10°C and +30°C.

For Terrazzo Application;

For 10 mm **FOX LYCIA CEMENT TERRAZZO**; 12 kg **FOX DOMINO® PLUS 10 FD771** is mixed in the mortar machine with 18 kg aggregate, 2,4±0,12 lt water. Avoid over mixing to minimize air entrainment.

For Glossy Appearance Screed Application;

25 kg **FOX DOMINO® PLUS 10 FD771** is mixed with 5.0±0.25 lt of water. If colour application will be made, **FOX DOMINO COLOR PACK** should be added during the mixture. Avoid over mixing to minimize air entrainment.

Please consult our technical unit for the application of polishing.

Coverage

Approximately 2,0 kg/m² - 1 mm

Package

25 kg kraft bag

Shelf Life

When stored properly at room temperature, away from direct sunlight, between +5°C and + 30°C, its shelf life is 12 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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