

INNO-FLOOR

FOX DOMINO® PU SEALER FD793

Polyurethane Based, High Performance, Anti-Dusting, Water Repellent, Transparent Topcoat Protection Material

Description

FOX DOMINO® PU SEALER FD793 is a polyurethane based, one component, solvent based, protective material with high abrasion resistance that is used to prevent dusting of all kinds of concrete floors and to provide gloss appearance.

Fields of Application

- All kinds of old or new concrete, gross concrete and field concretes,
- Cement based floor coatings, terrazzo,
- On floors and walls where gloss appearance is desired,
- It is used on surfaces where surface hardener is applied,

Advantages

- It has high abrasion resistance, prevents dusting and creates a harder surface.
- It provides water impermeability and prevents cracks that may occur as a result of freezing.
- It is used as a polish thanks to the glossy film layer it creates.
- Resistant to UV.
- Easy to apply and use.
- An extremely easy to clean smooth surface is obtained.
- Liquid Impermeable.
- Hydrophobic (water repellent) feature.

Technical Features

Density	0,96 gr/cm ³
Colour	Transparent, Yellowish
Solids by %	%56
Dilution	No dilution
Application Surface Temperature	+10°C / +25°C
Drying Time	20 minutes
Over Coating Time	6-12 hours
Pedestrian Traffic	1 day

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

Surface Quality

If the surface to be made with **FOX DOMINO® PU SEALER FD793** is a newly made cement-based floor covering, the floor must have been cured and must have a firm and sufficient compressive strength (at least 25 N/mm²). If application is to be made on old concrete, it should be checked that it provides sufficient strength value. Surface humidity should be maximum 4%, ground temperature should be between +10°C and 25°C. In addition, it should be noted that the dew point of the ground is above +3°C.

Application Procedure

Substrate Preparation

If **FOX DOMINO® PU SEALER FD793** is applied on old cement based ground; cracks are repaired, loose parts on the surface are removed from the surface. The surface is then sanded and vacuumed with an industrial vacuum machine. **FOX DOMINO® PU SEALER FD793** can be applied after sanding if the floor is a newly made cement based self-levelling floor coating and there is no crack in the ground.



Application Conditions

- In cases where application will be made on the newly poured concrete, it should be expected to complete at least 28 days of curing.
- Application surface, material and ambient temperature should be between +10°C and 25°C.
- The amount of water and moisture in 2 cm concrete depth should be below 4%. Test method: C- Aquameter, CM-Device, Darr Methot
- There should be no rising humidity according to ASTM. (Polyethylene cover test).
- Relative air humidity should be 80% maximum.
- 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 should be above +3°C.

Mixing

FOX DOMINO® PU SEALER FD793 is ready to use, no need to mix.

Application

FOX DOMINO® PU SEALER FD793 is applied by roller or brush. Depending on the condition of the surface, the driving density should be adjusted. **FOX DOMINO® PU SEALER FD793** can be applied 2 times or more depending on the condition of the surface.

Cleaning of the Tools

After the application, the tools and equipment used should be cleaned with solvent.

Coverage

0,200-0,400 kg/m² (for 2 layers)

Package

5 kg/tin

Shelf Life

When stored correctly at room temperature, away from direct sunlight, between +10°C and +25°C, its shelf life is 6 months from the date of manufacture.

Storage

It should be stored in its original package, in a cool and dry place, away from direct sunlight and protected from frost. In short term storage, maximum 2 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, should be washed immediately with plenty of water and soap, and if swallowed, seek medical attention immediately. Food and drink materials should not be brought to 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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