

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 used in preventing dusting of all kinds of concrete floors and providing a shiny appearance.

Fields of Application

- All kinds of old or new concrete, exposed concrete field concretes,
- Cement based floor coverings, terrazzo,
- On floors and walls where a glossy appearance is desired,
- On surfaces treated with surface hardener,

Advantages

- It has high abrasion resistance, prevents dusting and creates a harder surface,
- Provides water impermeability, prevents cracks that may occur as a result of freezing,
- It is used as a polish thanks to the glossy film layer it forms,
- UV resistant.
- Easy to apply and use,
- The result is a smooth surface that is extremely easy to clean,
- Liquid impermeable,
- It is hydrophobic (water repellent),

Technical Properties

Density	0,96±0,05 gr/cm ³
Color	Transparent, Yellowish
Percentage of Total Solids	%56±1
Thinning	Not Thinning
Applicable Floor Temperature	+5°C /+30°C
Drying Time	4-6 hours
New Coat Application 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 lengthen the time.

Surface Quality

FOX DOMINO® PU SEALER FD793, if the surface to be applied is a newly made cement-based floor covering, the floor must be cured, solid and have sufficient compressive strength (at least 25 N/mm²). If the application is to be made on old concrete, it should be checked that it provides sufficient strength value. Surface humidity should be maximum 4% and ground temperature should be between +5°C and 30°C. It should also be ensured that the dew point of the ground is above +3°C.

Application Procedure

Substrate Preparation

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

Application Conditions

- In case of application on newly poured concrete, the concrete should be allowed to cure for at least 28 days.
- The application surface, material and ambient temperature should be between +5°C and +30°C.
- Water and moisture content in 2cm concrete depth should be below 4%. Test method: C- Aquameter, CM-Device, Darr Method
- There should be no rising humidity according to ASTM (Polyethylene cover test).
- Relative air humidity should be 80% maximum.
- 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 +3°C.



Mixing

FOX DOMINO® PU SEALER FD793 is ready to use, no mixing is required.

Application

FOX DOMINO® PU SEALER FD793, is applied with a short-haired, white velvet roller. The application intensity should be adjusted according to the condition of the surface. **FOX DOMINO® PU SEALER FD793** application can be done in 2 coats and more depending on the condition of the surface.

Cleaning of Application Tools

Tools and equipment should be cleaned with solvent after application.

Consumption

0.150-0.250 kg/m² (for 2 coats)

Packaging

5 kg/tnk

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.

Storage

It should be stored in its unopened original packaging, in a cool and dry environment, protected from frost. For short-term storage, maximum 2 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

The data contained in this technical document are based on our scientific and practical knowledge. SARTECH Yapı Malz. San. ve Tic. Ltd. Şti. is only responsible for the quality of the product. Our company cannot be held responsible for any consequences that may occur due to misuse and/or misuse other than the written recommendations on where and how to use the product. For detailed information, the safety data sheet and technical data sheet should be consulted or our company officials should be contacted.



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