

INNO-FLOOR

FOX DOMINO® AC SEALER FD791

Acrylic Based, One Component, Water Based Anti-Dusting, Water Repellent, Topcoat Protection Material

Description

FOX DOMINO® AC SEALER FD791 is an acrylic-based protective material used to prevent dusting of all kinds of concrete floors and to provide a bright appearance.

Fields of Application

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

Advantages

- Increases abrasion resistance, prevents dusting,
- Provides water impermeability, prevents cracks due to freezing,
- Used as a polish thanks to the glossy film layer it creates,
- Protects the natural appearance of the applied surface,
- Easy to apply and use,
- Extremely easy to clean smooth surface is obtained,
- Water repellent,
- Does not contain solvent.

Technical Features

Structure of the Material	Liquid acrylic copolymer dispersion
Density	1 gr/cm ³
PH	8,20
Solids by %	%27
Colour	Opaque - White
Working Time	35-45 minutes
Drying Time	60 minutes
Application Surface Temperature	+10°C / +25°C
2 nd Layer Application	4 hours
Dilution	No dilution

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

Surface Quality

FOX DOMINO® AC SEALER FD791, the surface to be made, should be cement based flooring, completed the floor curing, and should have a solid 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 must be above +3°C.

Application Procedure

Substrate Preparation

If **FOX DOMINO® AC SEALER FD791** 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® AC SEALER FD791** can be applied after sanding if the floor is a newly made cement based self-levelling floor coating and there is no crack on the ground.



Application Conditions

- In applications where new concrete will be poured, concrete should be expected to complete at least 28 days of curing.
- The application surface, material and ambient temperature must be between + 10°C and 25°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.
- 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 +3°C.

Mixing

FOX DOMINO® AC SEALER FD791, is ready to use, no need to mix.

Application

FOX DOMINO® AC SEALER FD791 is applied by roller or brush. Depending on the condition of the surface, the application density should be adjusted. **FOX DOMINO® AC SEALER FD791** 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 should be cleaned with solvent.

Coverage

100-200 g/m² (for 2 layers)

Package

5 kg/bin

Shelf Life

When stored properly at room temperature, away from direct sunlight, between + 10°C and + 30°C, its shelf life is 12 months from the date of manufacture.

Storage

It should be stored in its original package, in a cool and dry place protected from frost. 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 basis. 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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