

INNO-FLOOR FOX DOMINO® AC SEALER FD792

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

Description

FOX DOMINO® AC SEALER FD792 is an acrylic-based protective material used to prevent dusting of all kinds of concrete floors and to provide bright appearance.

Fields of Application

- All kinds of old or new concrete, gross concrete and field concretes,,
- In cement based floor coatings,
- On Terrazzo applications,
- On floors and walls where bright appearance is desired,
- Epoxy and polyurethane based floor coatings

Advantages

- Provides clarity and shine like diamonds.
- Cures faster than conventional topcoats.
- Resistant to dirt, heels and wheelchair tire (black) marks.
- It increases abrasion resistance and prevents dusting.
- Resistant to abrasion.
- 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.
- It protects the natural appearance of the applied surface.
- It is easy to apply and use.
- An extremely easy to clean smooth surface is obtained.
- Does not contain solvent.

Technical Features

Structure of the Material	Liquid acrylic copolymer dispersion
Density	1,03±0,05 gr/cm ³
PH	8,50±0,1
Solids by %	%19±1
Colour	Opaque-White
Drying Time	30 minutes
Application Surface Temperature	+10°C / +30°C
2 nd Layer Application Time	min. 30 minutes
Dilution	No dilution

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 covered with **FOX DOMINO® AC SEALER FD792**, the newly made cement-based flooring must have completed the floor curing, have a solid and sufficient compressive strength (at least 30 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 30°C. In addition, it should be noted that the dew point of the ground is above +3°C.

Application Procedure

Application Conditions

- In applications where new concrete will be poured, it must be expected that concrete will complete at least 28 days of curing.
- The application surface, material and ambient temperature should be between +10°C and 30°C.
- The amount of water and moisture 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).
- The 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.

Substrate Preparation

- Concrete substrates to be applied should be prepared in such a way as to obtain an open porous surface by removing cement grout using abrasive equipment (Shot blasting, milling, diamond polishing, etc.). The resulting dust should be swept with the help of an industrial vacuum cleaner. Depending on the surface absorbency, **FOX DOMINO® AC SEALER FD792** should be applied in 2-3 coats.
- On epoxy / polyurethane based surfaces, oil, dirt etc. on the surface should be cleaned and **FOX DOMINO® AC SEALER FD792** should be applied.

Mixing

FOX DOMINO® AC SEALER FD792 is ready to use and does not need mixing.

Application

FOX DOMINO® AC SEALER FD792 is applied by spray or fiber mop. Depending on the condition of the surface, the driving density should be adjusted. **FOX DOMINO® AC SEALER FD792** can be applied 2 times and 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 or water.

Coverage

50-100 g/m²

Package

5 kg/bin

Shelf Life

When stored correctly 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 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.

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