



TECHNICAL DATA SHEET

F&V SEALER PLUS

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F&V SEALER PLUS

HIGH END IMPREGNATION FOR CEMENTITIOUS SURFACES

Description

F&V SEALER PLUS is a waterborne high end impregnation based on a fluorocarbon oligomer which gives an excellent water and oil repellent effect

Properties

F&V SEALER PLUS reduces the penetration of aqueous liquids, grease, oils and other dirt. The effectiveness depends on the material and absorption of the surface. Depending on the material and surface treatment, it can also lead to different results in the resistance of stain protection. Application on polymer modified concrete/screed as well as on design floors and other self-leveling compounds is limited (check for suitability).

Basically, there is no or only a slightly changing of the surface appearance (no hue deepening). The water absorption will be strongly reduced, but the permeable to water vapour will be only marginally affected. The active ingredients are UV-resistant and not going yellowing.

Scopes of application

F&V SEALER PLUS is applicable to nearly all cement bounded floors, artificial stone and Terrazzo. Fields of application are e.g. industrial concrete floors in commercial establishments, logistics- and shopping centers, supermarkets and trowelled design floors at indoor and outdoor areas.

Processing

The treated surface must be dry (residual moisture < 4 CM%) and free from any soilings. Basically, a diamond cleaning step and an afterwards fine cleaning with autoscrubber machine is highly recommended before starting the treatment. Flooring systems with have a disposition to efflorescence a multiple wet cleaning with a autoscrubber is necessary. To ascertain the consumption, make a separate sample area of the same surface. Apply the product homogenous with a suitable pressure/pump sprayer onto the floor. Work hand in hand with a second person, which is using a shortpile roller (synthetic pile, e.g. polyamide 8mm) or a fiber Mop to get a homogenous treatment. The surface should be saturated with the material, but not flooded. After approx., 5-10 min. the material penetrates completely into the surface. Avoid paddles! On polished or very dense floors, after drying some residues of the applied material can occur. In that case use a single disc machine and a white polishing pad to buff the surface and remove such residues. For absorbent surfaces a double treatment is recommended. Drying time of the product is 12-24 hours.

Note: Adjacent surfaces must be protected against splashes. Remove surplus material film before drying up. Clean equipment with water.

Processing temperature

Avoid direct solar radiation during processing. The surface temperature should be between 10 °C and 30 °C (50 – 86F). Floor heating must be turn off. Avoid direct moisture until the development of water- and oil repellent effect.

Drying time

The water- and oil repellent effect develops after 2-3 hours, the full effect occurs after 12-24 hours. You can walk carefully on F&V SEALER PLUS treated surfaces approximately after 3 hours.

If the floor must be temporary protected, use only diffusion open coverings and also only after the floor is completely dried. Recommendation: Diffusion open painter's fleece (non-woven fabric). If necessary to protect more use additional wooden fiberboards on top or generally use e.g. "Hammerfest" coverings from the German company Protect & Cover.

Productiveness

Depending on the absorption of the surface, following values can be assumed. A second application halved the coverage.

Reference value:

low absorbent surface: approx. 20 - 40 m²/liter

absorbent surface: approx. 10 - 20 m²/liter

Storage

Shelf-life in cool, dry ventilated areas: Closed container is about 12 months. Already opened cans should be used up as soon as possible.

Environmental Protection

The product is free of hydrocarbons. Not empty into drains. WGK 1 (low water endangering).

Waste codes/waste designations according to EWC/AVV. Waste from coatings (including ceramic materials): Product: 08 02 99 (wastes not otherwise specified); packing: 15 01 02 (plastic packaging). Dispose of waste according to applicable legislation. Completely emptied packages can be recycled.

Security

F&V SEALER PLUS is harmless to health after drying up. A good ventilation should be provided during and after the processing. Observance of special security measures if the product will be use in a spraying application.

Ingredients: fluorocarbon oligomer

Labelling according to Regulation (EC) No. 1272/2008 [CLP]. The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. Contains Orange, sweet, ext.. May produce an allergic reaction. Safety data sheet available on request. Do not breathe dust/fume/gas/mist/ vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/eye protection/ face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Identification marking for transportation:

PU	PU-marking	Transport documents
a	n.a.	n.a.

Packaging Unit (PU)

20 liter PE canister

(Bigger containers and barrels on request)

This information should only be a nonbinding advice. The use of the products is based on local circumstances and on the surface itself. If there is no experience, and in cases of doubt, we recommend to try the product on a inconspicuous spot.

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