

Characteristics of product

Fortecoat 1420 is a water-based treatment, impregnation and hardening solution used for the top coat on a self-levelling **Fornivel** floor.

Fortecoat 1420 has been specially developed for the shiny, colourless merging of concrete floor surfaces in production or stores operations. The application of the solution prevents the loss of mixing water, which improves the hardening conditions ensuring greater strength values of the load-bearing concrete slab and its surface layer. It also forms a smooth firming film on the surface of the base and the pores are sealed, which significantly reduces the absorbability of the surface. Floor systems treated in this way reduce dust levels, increase mechanical and chemical resistance, and make maintenance easier.

Advantages

- easy to work
- low price of coat
- concurrent treatment of surface and creation of final layer
- possibility of application 24 hours after laying self-levelling floor
- increased abrasion resistance
- sealing and impregnation of surface
- reduction in dust and increase in resistance to mechanical and chemical burden

Instructions for use

1) Preparation of input base

The surface intended for treatment using the coating must be dry, sufficiently cleaned (preferably vacuumed), without oil or grease stains. The concrete surface must be non-smooth and most not have surface coatings which could reduce the adhesion of **Fortecoat 1420**. The coat must be applied evenly over the entire surface.

2) Technical data

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|-------------|--------------------------------|
| Delivery | liquid |
| Drying time | 2-4 hours at 20°C |
| Density | 1050 kg / m ³ |
| Consumption | 0.15 – 0.25 l / m ² |

3) Application

One typical application of the coat **Fortecoat 1420** is on **Fornivel** self-levelling floors. The coat is applied by roller or spray. Rolling can only be used if the quality of the surface cannot be negatively influenced by the application, and dry spots must not arise.

The working area is divided into parts on which it is necessary to use the designated amount of the preparation.

Fortecoat 1420 is applied in a thin film, and one or two coats are generally sufficient to ensure that dust is not generated and to give the surface a shine. It is very important for the coated layer to be even. Uneven application results in the formation of defects, "bubbles", on the surface. In the case of especially hot weather **Fortecoat 1420** is stored in a cool place before application.

Fortecoat 1420 provides increased protection against water, oil etc. soaking in. However, it is always necessary to clear these substances from the surface in order to prevent the possible formation of stains. Contamination arising during the cutting of joints may cause a white colour on the surface if the preparation is not completely dry.

The required temperature of the base, **Fortecoat 1420** and environment during application is designated from + 5 to + 25 °C. The surface is completely dry after 24 hours at 20°C.

Test certificates

Initial tests of the product and evaluation of compliance with Council Directive 89/106/EEC (CPD – Construction Products Directive), as amended, have been performed.

Cleaning of tools

Clean all used tools thoroughly with water.

Packaging

Fortecoat 1420 is supplied in a 20 l PE canister.

Storage conditions

Must be stored in original, sealed containers in a dry, well-ventilated place, without exposure to direct sunlight, at temperatures from +5 to +25°C.

Warranty period

The warranty period is 12 months from the date of production if the storage conditions are adhered to. The solution contains water, and during transport and storage it must not be exposed to frost.

Health and safety

Fortecoat 1420 is a water-based material and is not dangerous during regular use. Use protective goggles and gloves during work. In the case of eye contact, rinse open eye under running water for at least 15 minutes. In case of skin contact, wash the affected area with soap and water.

You can find more information on the product Safety Sheet.

Warning



- Before application please check on the pages www.fortemix.eu, whether you have up-to-date technical documentation.

