

PROTECT nano

Item No 2662

Reactive, non-film forming impregnation for the dry side of production

FIELDS OF APPLICATION

PROTECT nano is a high-quality, non-film forming impregnation for concrete- and natural stone surfaces which generates an excellent water- and oil repellent effect. Furthermore the occurrence of moss- and algae growth is significantly reduced.

PROTECT nano is retains concrete's surface structure and its colour.

PROTECT nano is applied on the dry side of concrete production. The solvent-free impregnation is suitable for all mechanically processed or finished concrete surfaces (such as grinded, washed and blasted surfaces).

APPLICATION QUANTITY

Depending on the surface structure and its absorbing abilities the necessary amount might vary between 50 – 100 g/m² and has to be determined for each single application.

WORKING PRINCIPLE

PROTECT nano forms a nano-crystalline, protective film which decreases the penetration of water molecules. Thereby the occurrence of efflorescence is reduced and the frost resistance is significantly improved.

The nano-film is not yellowing, is weather-proof (UV-stable), permeable to water vapour and resistant against alkali loads.

TECHNICAL DATA

Homogeneity	homogenous
Colour	colourless to yellowish
State	liquid
Density	1.01 ± 0.02 g/cm ³
Workability	from +5 °C to +25 °C
Shelf life	approx. 1 year from date of production if stored properly
Storage conditions	Store in unopened, original sealed packaging between +5 °C and +25 °C. Protect from frost and insolation.

PROCESSING INDICATIONS

The surface to be treated must be firm, clean, absorbent and free of loose particles. Curing- and separating agents have to be completely removed.

PROTECT nano should be evenly applied to the surface with a brush or suitable spraying system.

After application the elements can be stacked in a timely manner.

Note: Changes in cement sort, water/cement ratio etc. might lead to colour variations in concrete.

This product is not classified as hazardous according to the EC directives, regulations on hazardous substances and forwarding instructions. The generally accepted precautions for handling chemicals must be followed. The corresponding Material Safety Data Sheet is available upon request.

PACKAGING

- 30 l can
- 200 l barrel
- 1000 l container

SUITABILITY- AND PRE-TESTS ARE NECESSARY BEFORE APPLYING THE CONCRETE ADMIXTURE!

REMARKS

This information describes the application- and processing possibilities of a product and its operation principles under regular conditions. Having no influence on the further application and processing, especially in conjunction with other construction materials, the given indication are neither a warranty in respect of the product's properties or its fitness for a particular purpose nor a full instruction of use. This information, any other recommendation or verbal advice are not binding and do not infer to any liability or legal demand.

Due to continuous further development, the most recent Technical Data Sheet is valid and will be supplied on request. All orders are accepted subject to our current general terms and conditions.

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