

PROTECT N 5000

Item No 2900/D

Film forming concrete sealer for the wet and dry side of concrete production

FIELDS OF APPLICATION

PROTECT N 5000 is a film forming sealer for mineral surfaces and especially suitable for semi-dry concrete like concrete blocks and paving.

PROTECT N 5000 generates a protective film which deepens the concrete colour and allows the formation of an excellent water- and oil repellent effect. The occurrence of moss- and algae growth is significantly reduced. PROTECT N 5000 improves concrete's cleaning properties and facilitates the cleaning process.

PROTECT N 5000 retains the intensified colour appearance, minimises weathering and improves concrete's durability.

PROTECT N 5000 is applied either on the dry or the wet site of production. The 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 100 – 140 g/m² and has to be determined for each single application.

WORKING PRINCIPLE

PROTECT N 5000 penetrates concrete's capillary system and coats it. The film forming impregnation intensifies the concrete colour and gives its surface a glossy wet-look.

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

TECHNICAL DATA

Homogeneity	homogenous
Colour	white
State	liquid
Density	1.02 ± 0.02 g/cm ³
pH-value	8.5 ± 1.0
Workability	from +5 °C to +25 °C
Shelf life	approx. 1 year from date of production if stored properly
Storage conditions	Store under cover, out of direct sunlight and protect from extremes of temperature.

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 N 5000 should be evenly applied to the surface with a suitable spraying system.

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

PACKAGING

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

HEALTH & SAFETY

This product is not classified as hazardous according to the current regulations. Refer to the corresponding Material Safety Data Sheet for further advice.

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.

Edition: 30 June 2020

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