

PROTECT Primer

Film-forming impregnation for concrete surfaces

Item No 2754/D

FIELDS OF APPLICATION

PROTECT Primer is a solvent film forming impregnation for the production of high-quality concrete surfaces.

PROTECT Primer is a deep impregnation that penetrates the concrete structure deeply and minimises the absorbency of concrete.

The impregnation is a very quick-drying product. In the manufactured concrete industry this quality allows packing the concrete products rapidly after application. Applied on concrete surfaces, this feature enables stepping on the surface quickly after treatment.

PROTECT Primer is suitable for all mechanically processed or finished concrete surfaces.

PROTECT Primer as priming coat

PROTECT Primer can also be used to prepare concrete's surface for a later upgrade with film-forming impregnation such as PROTECT Top Coat or PROTECT BSP.

Using PROTECT Primer as priming coat solves the problem with an inhomogeneous application of the later applied top coat. Since PROTECT Primer deeply penetrates the concrete structure, concrete's absorbency is minimised. This feature allows generating a very evenly film of the top coat which advances the protection abilities of concrete.

Furthermore, the primer reacts with the later applied coat and creates a powerful protection system which provides durable performance.

APPLICATION QUANTITY

Depending on the surface structure and its absorbing abilities the necessary amount might vary between 100 – 200 g/m² and has to be determined for each single application.

WORKING PRINCIPLE

PROTECT Primer deeply penetrates the concrete structure in order to generate a high-efficient protection system.

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

TECHNICAL DATA

Homogeneity	homogenous
Colour	clear
Chemical base	acrylates
State	liquid
Density	0.87 ± 0.02 g/cm ³
Workability	from +5 °C to +40 °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 +40°C. Protect from direct sunlight and extremes of temperature.

PROCESSING INDICATIONS

The surface to be treated must be firm, clean, absorbent and free of loose particles.

PROTECT Primer is either applied evenly to the surface with a suitable spraying system or rolled evenly to it.

This product is classified as hazardous according to the CLP regulations. See safety data sheet for further information.

PACKAGING

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

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