

PROTECT Top Coat

Film-forming Impregnation for concrete surfaces

Item No 2750-D

FIELDS OF APPLICATION

PROTECT Top Coat is a film-forming impregnation which is designed to give concrete surfaces a high-quality finishing and durable protection.

PROTECT Top Coat generates an excellent water- and oil repellent film on the surface which reduces the occurrence of visual damages like efflorescence and stains from food and beverages.

Additionally, the protective finishing prevents from weathering through vegetation growth and UV radiation.

PROTECT Top Coat generates a satin shining finishing that deepens the primary concrete colour and gives surfaces a fresh and shiny appearance.

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 Top Coat is suitable for all mechanically processed or finished concrete surfaces.

> Application as top coat on primed surfaces

Being part of the double protection system, PROTECT Top Coat can also be used as top coat to previously primed concrete surface. PROTECT Top Coat reacts with the primer and generates a protective film which coats concrete's capillary system.

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 Top Coat 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	colourless to yellowish
Chemical base	acrylic polymer
State	liquid
Density	0.92 ± 0.02 g/cm ³
Workability	from +5 °C to +50 °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.

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

This product is classified as hazardous material according to the current CLP regulation. See Material Safety Data Sheet for handling instructions.

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!