

# PROTECT NTP

Item No 2920

**Film forming impregnation for the wet and dry side of concrete production**

## FIELDS OF APPLICATION

PROTECT NTP is a film forming impregnation for mineral surfaces and especially suitable for semi-dry concrete like concrete blocks and paving.

PROTECT NTP 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 NTP improves concrete's cleaning properties and facilitates the cleaning process.

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

PROTECT NTP 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). PROTECT NTP is not suitable for dense concrete structures like slabs.

## APPLICATION QUANTITY

Depending on the surface structure and its absorbing abilities the necessary amount might vary between 80 – 160 g/m<sup>2</sup> and has to be determined for each single application.

## WORKING PRINCIPLE

PROTECT NTP 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	milky
State	liquid
Density	1.02 ± 0.02 g/cm <sup>3</sup>
pH-value	8.5 ± 1
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

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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 NTP 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.**

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

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

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

## REMARKS

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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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