

# PROTECT NTS

Item No 2910

**Slightly film-forming laying protection for the dry and wet side of production**

## FIELDS OF APPLICATION

PROTECT NTS is an impregnation especially designed to preserve the appearance of surfaces of concrete products during laying.

The slightly colour deepening product protects concrete blocks against contaminants, e.g. sludge and humus, during laying and simplifies the subsequent cleaning process.

PROTECT NTS is applied either on the dry or the wet site of production and suitable for all mechanically processed or finished concrete surfaces, e.g. grinded, washed and blasted surfaces.

PROTECT NTS is not suitable for dense concrete structures such as slabs.

## APPLICATION QUANTITY

Depending on the surface structure and its absorption properties, the required amount usually varies between 60 - 120 g/m<sup>2</sup>.

The exact figure needs to be determined for each individual application.

## WORKING PRINCIPLE

PROTECT NTS effectively seals the pores on the concrete surface with a closed film, preventing liquids to penetrate into the concrete matrix, while retaining permeability to water vapour.

The closed surface reduces staining, efflorescence and simplifies cleaning, as liquid absorption into pores in the cement paste is minimised.

PROTECT NTS is not subject to colour change, it is highly resistant to UV-light and a wide range of chemical substances.

## TECHNICAL DATA

Homogeneity	homogenous
Colour	white
State	liquid
Density	1.02 ± 0.02 g/cm <sup>3</sup>
PH-value	8.3 ± 1
Workability	from +5°C to +30°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 +30°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 dust and loose particles. Curing- and separating agents have to be completely removed.

PROTECT NTS should be evenly applied to the surface using a suitable spraying system.

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

## **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.

Edition: 10 September 2019

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