

# PANTARHOL® 500 S

Item No 0240

**Foam forming admixture for factory-mixed fresh mortar**

## FIELDS OF APPLICATION

PANTARHOL® 500 S is a foam forming agent for the production of mortar and was especially developed for applications where an individual dosage level of retarder and foam needs to be formulated.

Furthermore, PANTARHOL® 500 S decreases the bleeding and segregation tendencies of mortar.

PANTARHOL® 500 S is adjusted to the retarder PANTARHOL® 500 VZ. This agent allows an objective orientated modification of the workability time. If the addition of this product group is intended, applied the corresponding item in combination.

## DOSAGE

PANTARHOL® 500 S needs to be dosed via foaming appliance.

450 ml PANTARHOL® 500 S can generate 100 l ready-to-use foam, correspondingly 1 l PANTARHOL® 500 S produces approx. 200 to 250 l of ready-to-use foam.

## WORKING PRINCIPLE

PANTARHOL® 500 S entrains air voids which allows the generation of soft mortar with advanced workability properties.

The produced mortar has excellent properties for the placement on masonry and bricklaying constructions.

## TECHNICAL DATA

Homogeneity	homogenous
Colour	blue
State	liquid
Density	1.01 ± 0.02 g/cm <sup>3</sup>
pH-value	9 ± 1
Chloride content	< 0.10 mass.-%
Alkali content (Na <sub>2</sub> O equivalent)	< 8.5 mass.-%
Workability	from +1 °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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PANTARHOL® 500 S can be applied together with all types of standard cement, lime and fly ash (filler).

The produced foam should be added as first or last component into the mixer.

The required quantity of foam arises from the defined content of air pores ( e.g. by determining the raw density of fresh mortar). Mortar's consistency can be adjusted by adding more water.

A thoughtfully mixing has to be ensured.

**PANTARHOL® 500 S does not become unusable by freezing. After thawing, just mix well before further use!**

This product is not classified as hazardous according to the CLP regulations. See safety data sheet for further information.

## PACKAGING

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- 30 l can
- 200 l barrel
- 1000 l container
- loose by bulk supply

## SPECIAL INDICATIONS

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In order to ensure an exploited hydration process, high absorbent stones (sand lime bricks) should be pre-damped or damped in the wall.

## 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: 25 January 2021

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