

PANTARHOL® LP 500

Item No 0906/D

Air entraining admixture for factory-mixed fresh mortar

FIELDS OF APPLICATION

PANTARHOL® LP 500 is an air entraining agent for the production of mortar.

The product is especially developed for applications where an individual dosage level of retarder, stabiliser and air entrainer is required.

PANTARHOL® LP 500 allows a controlled addition of stable air pores into mortar which provides a smooth consistency of the construction material.

PANTARHOL® LP 500 is adjusted to the retarding admixture PANTARHOL VZ 500.

If the addition of a retarder is intended, apply these products in combination.

DOSAGE

Recommended dosage range 0.2 – 1.0 mass-% of the cement content.

The required dosage ranges needs to be determined in each individual case.

WORKING PRINCIPLE

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

Furthermore, PANTARHOL® LP 500 reduces the bleeding and segregation risk of mortar.

TECHNICAL DATA

Homogeneity	homogenous
Colour	greenish
State	liquid
Density	1.00 ± 0.02 g/cm ³
pH-value	7 ± 1
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

PANTARHOL® LP 500 should be added to the tempering water or directly into the truck mixer.

In forced action mixers, the mixing time should be at least 2 minutes.

In truck mixers, the mixing time should be approx. 10 minutes.

COMPATIBILITY

PANTARHOL® LP 500 is suitable for concrete designs containing OPC or SRC cement.

When using other Ha-Be admixtures in the same concrete mixture, the products should be added separately and must not be blended prior to addition! Using more than one admixture requires suitability and preliminary tests in order to ensure the required combination of its effects is attained.

PACKAGING

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

HEALTH & SAFETY

This product is not classified as hazardous according to the current regulations. Refer to the corresponding Material Safety Data Sheet for further advice.

SPECIAL INDICATIONS

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

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!