

PANTARHOL® 100 ME

Item No 0900/E

Combi admixture (air entrainer, retarder and stabiliser) for ready-mixed mortar

FIELDS OF APPLICATION

PANTARHOL® 100 ME is a ready-to-use admixture which combines an air entrainer, retarder and stabiliser to one product.

PANTARHOL® 100 ME is suitable for producing ready-mixed mortar. The air entraining and retarding systems generate a smooth mortar with an improved workability and extended consistency retention for usually up to 36 hours.

The stabilising component reduces segregation and bleeding tendencies and stabilises mortar's texture.

DOSAGE

Recommended dosage range 0.5 – 2.0 mass-% of the cement content.

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

WORKING PRINCIPLE

PANTARHOL® 100 ME retards the hydration process, induces a plasticizing effect in the fresh mortar and allows a good processing.

The produced mortar has excellent adhesion characteristics which facilitates the placement on masonry and bricklaying constructions.

TECHNICAL DATA

Homogeneity	homogenous
Colour	dark brown
Chemical base	tenside
State	liquid
Density	1.15 ± 0.03 g/cm ³
pH-value	7.5 ± 1.0
Workability	from +1 °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

PANTARHOL® 100 ME can 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® 100 ME 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

The retarding effect is reduced by solar insolation and wind conditions. During breaks or at the end of the working day the produced mortar should therefore be covered.

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!