

## PANTARHIT® 600 (FM)

Superplasticizer for concrete acc. to EN 934-2

Item No. 0807

### FIELDS OF APPLICATION

PANTARHIT® 600 (FM) is a superplasticizer for the production of ready-mix concrete which is especially developed for concrete of consistency classes F2 to F4 (is equivalent to S2 – S4).

PANTARHIT® 600 (FM) has good plasticizing effects and allows excellent consistency. These features enable the production of concrete with low w/c-values as well as high workability retention properties.

### DOSAGE

Recommended dosage range 0.2 – 2.5 mass-% of the cement content;  
is equivalent to 2 – 21 ml per kg cement.

### WORKING PRINCIPLE

PANTARHIT® 600 (FM) improves the cement dispersion within the concrete significantly. This property allows the formation of a homogenous and low-viscosity cement lime which ensures an improved workability and facilitates the compaction of concrete. The concrete keeps its consistency over a long period of time. Higher dosages may have slight impact on early strength development.

PANTARHIT® 600 (FM) advances the pumping and placing of concrete and improves its processing and compaction significantly.

### TECHNICAL DATA

Homogeneity	homogenous
Colour	brown
State	liquid
Density	1.14 ± 0.03 g/cm <sup>3</sup>
pH-value	6.0 ± 1.0
Chloride content	< 0.10 mass-%
Alkali content (Na <sub>2</sub> O equivalent)	< 4.0 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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PANTARHIT® 600 (FM) should be added to the ready-mixed concrete.

The mixing time must comply with the regulations defined in EN 206-1.

In a truck mixer, the duration of re-mixing after the main mixing process should not be less than 1 min/m<sup>3</sup> and not less than 5 minutes after adding the admixture.

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

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