

# PANTARHIT® 550 (BV)

**Plasticizer for concrete acc. to EN 932-2**

Item No 0180

PANTARHIT® 550 (BV) is also suitable as superplasticizer / retarder for concrete

## FIELDS OF APPLICATION

PANTARHIT® 550 (BV) is a plasticizer for producing concrete in the consistency class F3 in ready-mix-concrete plants (is equivalent to S3).

PANTARHIT® 550 (BV) has good plasticizing effects which are able to transform concrete in the consistency class F2 into F3 and up to F4 concrete (is equivalent to S2 into S3 and up to S4).

## DOSAGE

Recommended dosage range 0.2 – 2.3 mass-% of the cement content;  
is equivalent to 2 – 20 ml per kg cement.

## PROCESSING INDICATIONS

PANTARHIT® 550 (BV) should be added either with the tempering water or to the premixed concrete.

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

## PACKAGING

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

## WORKING PRINCIPLE

PANTARHIT® 550 (BV) improves the cement dispersion within the concrete significantly. This property allows the formation of a homogenous and low-viscosity cement paste which ensures a purposefully extended processing time and facilitates concrete's pumping, leveling and compaction.

PANTARHIT® 550 (BV) achieves an advanced workability retention without impairing the early strength development significantly.

## TECHNICAL DATA

Homogeneity	homogenous
Colour	brown
State	liquid
Density	1.13 ± 0.03 g/cm <sup>3</sup>
pH-value	5.0 ± 1
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.

## 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!**