

## PANTARHIT® 15 (BV)

Item No 0104

**Plasticizer acc. to EN 934-2 for the production of ready-mix concrete**

### FIELDS OF APPLICATION

PANTARHIT® 15 (BV) is a concrete plasticizer which was especially designed for producing ready-mix-concrete in the consistency class F3 (is equivalent to S3).

The plasticizer allows either to enhance concrete's consistency or to reduce the amount of required tempering water.

PANTARHIT® 15 (BV) facilitates the pumping, placing, spreading and compaction of concrete.

### DOSAGE

Recommended dosage range 0.2 – 1.0 mass-% of the cement content; is equivalent to 2 – 9 ml per kg cement.

### WORKING PRINCIPLE

PANTARHIT® 15 (BV) causes a high plasticizing effect by reducing the surface tension of the water. Thereby high water savings are achieved and the pressure strength is increased.

PANTARHIT® 15 (BV) has slight retarding effects.

### TECHNICAL DATA

Homogeneity	homogenous
Colour	brown
State	liquid
Density	1.14 ± 0.03 g/cm <sup>3</sup>
pH-value	5 ± 1
Chloride content	< 0.10 mass-%
Alkali content (Na <sub>2</sub> O equivalent)	< 1.0 mass-%
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

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PANTARHIT® 15 (BV) should be added either with the tempering water or to the premixed concrete.

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

This product is not classified as hazardous according to the EC directives, regulations on hazardous substances and forwarding instructions. The generally accepted precautions for handling chemicals must be followed. The corresponding Material Safety Data Sheet is available upon request.

## 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!**