

PANTARHIT® RC687 (FM)

Item No 0673

Universally applicable PCE superplasticizer for high quality and durable ready-mix concrete

Also suitable as concrete plasticizer PANTARHIT® RC687 (BV)

FIELDS OF APPLICATION

PANTARHIT® RC687 (FM) is a superplasticizer for producing high quality ready-mix concrete with significantly reduced water demands and high workability retention properties.

The superplasticizer is based on the latest PCE technology and therefore especially suitable for producing self compacting concrete (SCC), semi-SCC and concrete which needs to satisfy compressive strength requirements of C60 or higher indication classes.

PANTARHIT® RC687 (FM) has excellent plasticizing effects which are able to enhance concrete's consistency by several consistency classes e.g. from S1 up to S6.

DOSAGE

The generally dosage range is 0.2 – 3.0 mass-% of the cement content.

WORKING PRINCIPLE

PANTARHIT® RC687 (FM) improves the cement dispersion within the concrete significantly. This property allows the formation of a homogenous and low-viscosity cement paste which provides flow able concrete with high reduced water contents.

The special built of PANTARHIT® RC687 (FM) extends the processing time purposefully and meets the special requirements challenging the ready-mix concrete industry.

TECHNICAL DATA

Homogeneity	homogenous
Colour	amber
State	liquid
Density	1.09 ± 0.02 g/cm ³
pH-value	6.5 ± 1
Chloride content	< 0.10 mass.-%
Alkali content (Na ₂ O equivalent)	< 4.5 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

PANTARHIT® RC687 (FM) should be added to the ready-mixed concrete.

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

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

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 indications 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 PRELIMINARY TESTS ARE NECESSARY BEFORE APPLYING THE CONCRETE ADMIXTURE!