

PANTARHIT® PC160 Plv (FM)

Item No K876

High performance superplasticizer in powder form acc. to EN 934-2 for cementitious materials

FIELDS OF APPLICATION

PANTARHIT® PC160 Plv (FM) is a powdery high-performance superplasticizer for reducing the water demand in cementitious materials like dry mortar and screed. PANTARHIT® PC160 Plv (FM) is also suitable for the production of dry processed sprayed concrete.

PANTARHIT® PC160 Plv (FM) optimises the workability, allows a prolonged processing time and ensures a good pumpability of the cementitious construction material.

DOSAGE

Recommended dosage range 0.2 – 1.0 mass-% of the cement content; is equivalent to 2 – 10 g per kg cement.

WORKING PRINCIPLE

Combined with water, PANTARHIT® PC160 Plv (FM) improves the cement dispersion within the concrete significantly. This property allows the formation of a homogenous and low-viscosity cement paste which ensures an improved workability and facilitates the compaction of concrete.

TECHNICAL DATA

Homogeneity	homogenous
Colour	light brown
Solid content	97 ± 3 mass-%
State	powder
Chloride content	< 0.10 mass-%
Alkali content (Na ₂ 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, damp and insolation.

PROCESSING INDICATIONS

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/m³ 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

- 15 kg Bag
- 500 kg Big Bag

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 is 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!