

PANTAQUICK® RSM 935

Activator for annular gap mortar

Item-No. 0511

FIELDS OF APPLICATION

PANTAQUICK® RSM 935 is a highly effective additive for activating curing in mortars or suspensions.

PANTAQUICK® RSM 935 is mainly used for the injection of annular gap mortar behind the tunnel segments of TBM constructions.

PANTAQUICK® RSM 935 activates the cement by restarting the hydration process. The product provides the following benefits:

- Ensures a very fast setting
- Generates high early strength
- Supports the stability of the mortar
- Allows ideal injection conditions
- Simple application
- Enables fast working process
- Enhances mechanical performance

PANTAQUICK® RSM 935 provides the ability to control the hydration process. This ability allows flexible handling with construction halts and schedule changes.

DOSAGE

Recommended dosage range 7-12 Vol-% of the total volume of the annular gap mortar; Is equivalent to 70-120 l / m³.

The necessary admixture quantity needs to be determined in preliminary test for each individual application. The Ha-Be Tunnel Team will support the development accordingly.

WORKING PRINCIPLE

PANTAQUICK® RSM 935 is the second component of Ha-Be's two-component hydration control system. To achieve highly effective grouting, it is recommended to use the activator in combination with one of the PANTARHIT® RSM conditioners.

The two component system allows the production of durable, high-performance and stable grouting perfectly geared to the needs of TBM constructions.

TECHNICAL DATA

Homogeneity	homogenous
Colour	colourless
State	liquid
Density	1.26 ± 0.03 g/cm ³
pH-value	11.5 ± 1.0
Workability	from +5 °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.



Ha-Be Tunnel Team

PROCESSING INDICATIONS

PANTAQUICK® RSM 935 is added to the mixture immediately before injection.

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

PACKAGING

- 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 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.

Edition: 05 February 2021

SUITABILITY- AND PRE-TESTS ARE NECESSARY BEFORE APPLYING THE ADDITIVE!