

CURING

Item No 1000

Curing agent type VM and BM for matt damp concrete surfaces

Conforms to the specification defined in the German "Technical delivery conditions for liquid curing agents TL NBM-StB 09"

FIELDS OF APPLICATION

CURING is a liquid curing agent for curing young or green concrete and is suitable for transport infrastructure constructions like roads, airfield, etc. and floor screeds and stripped concrete elements.

CURING forms a wax-based film on the matt damp surface in order to prevent concrete from evaporation during the hydration process.

CURING complies with the "Technical Delivery Conditions For Liquid Curing Agents" (TL NBM-StB 09).

APPLICATION QUANTITY

According to TL NBM-StB 09, the recommended application quantity is 175 g/m².

The quantity might vary between 150 - 300 g/m² and has to be determined in each individual case.

WORKING PRINCIPLE

CURING is a solvent-free wax dispersion that eliminates the disposal of water from the concrete to a large degree. The pressure strength and the strength against abrasive forces are thereby increased. The tendencies of forming shrinkage cracks and sanding-off effects are avoided.

TECHNICAL DATA

| | |
|--------------------|---|
| Homogeneity | homogenous |
| Colour | white |
| State | liquid |
| Density | 0.99 ± 0.02 g/cm ³ |
| Chloride content | < 0.20 mass-% |
| 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. |

PROCESSING INDICATIONS

CURING has to be applied to the matt damp concrete. If necessary, remove free water and puddles from the surface before applying the product.

CURING should be applied evenly to the surface by using a suitable spraying equipment. For best results, an intact coat which covers the entire surface should be formed.

If additional concrete, mortar, paintings etc. should be applied onto the CURING-treated surface, the protective wax film has to be completely removed before.

If necessary, the product should be homogenised using any suitable method. Agitation or circulation is recommended before the product is firstly used and after an undisturbed period of time.

This product is 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

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: 17 May 2021

SUITABILITY- AND PRE-TESTS ARE NECESSARY BEFORE APPLYING THE CURING COMPOUND!