

PANTARHOL® OVZ10

Item No 0431

Surface retarder and curing compound type AH for concrete

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

FIELDS OF APPLICATION

PANTARHOL® OVZ10 is both a concrete surface retarder for exposed-aggregate concrete in road constructions and a curing compound for the primary curing of poured concrete surfaces.

APPLICATION QUANTITY

Recommended application quantity: 150 g/m²

The necessary amount might vary between 100 – 300 g/m² and has to be determined for each individual application.

The retarding effect depends on many different parameters. The application quantity has to be adjusted to the required retardation.

WORKING PRINCIPLE

PANTARHOL® OVZ10 allows the retardation of the surface layer during the underlying concrete forms its defined properties and hydrates unimpeded. A facilitated washing and scrubbing of the top layer is enabled thereby.

The solvent-free PANTARHOL® OVZ10 formulates a wax-based, protective film that prevents the concrete surface from evaporation induced by insolation and windy conditions during its setting process. So concrete's compressive strength and abrasion resistance are improved and the incidences of drying shrinkage and cracks are reduced significantly.

TECHNICAL DATA

Homogeneity	homogenous
Colour	white
State	liquid
Density	0.99 ± 0.03 g/cm ³
pH-value	7.0 ± 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.

PROCESSING INDICATIONS

PANTARHOL® OVZ10 should be applied evenly on the freshly poured concrete surface using a suitable spaying system.

As soon as the concrete has set so far to carry weight, both PANTARHOL® OVZ10 and the surface layer should be scrubbed or washed. Afterwards the surface should be cured with a suitable curing compound.

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.

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SUITABILITY- AND PRE-TESTS ARE NECESSARY BEFORE APPLYING THE CONCRETE ADMIXTURE!