

Concrete additives

HydroBloc®Curing 996

Evaporation protection for screeds and concrete surfaces



HydroBloc Curing 996

After-treatment agent for matt damp concrete surfaces made of SBR emulsions

HydroBloc®Curing 996 effectively prevents fresh, cement-bound surfaces from drying out too quickly in the hydration phase and thus prevents the damage associated with dehydration. Applied to structural concrete 24 hours after installation on floor surfaces or immediately after stripping the formwork, the curing blocks the surface and reduces water loss through evaporation.

Typical damage such as sanding surfaces, adhesion problems with subsequent paints and coatings, dusty, cracked screeds and concrete floors, surface cracks due to non-uniform hydration are reliably prevented by applying the after-treatment agent HydroBloc®Curing 996.

The product fully complies with the requirements of DIN 18 353 and AGI 10/I and is easy and cost-saving to use. It is rheologically adjusted so that it can also be applied to vertical surfaces without any problems.

IMPORTANT: HydroBloc®Curing 996 does not contain any waxes, oils or other substances with a separating effect. The adhesion of paints, coatings or glued-on coverings is **not** negatively affected by after treatment with this product.

HydroBloc®Curing 996 is delivered ready for processing. The easiest way to apply is by spraying it on, at low pressure with sprayers such as those used for mould oils or in horticulture/gardening. However, care must be taken to ensure that the aerosols (spray mist) produced by high-pressure (airless) spraying do not contaminate adjacent components. The quality of dried films of the Curing is so good that such contamination can hardly be removed.

However, processing can also be carried out using commercial ink rollers ("plush rollers").

With machine-polished industrial floors, the typical and unsightly formation of hairline cracks is largely prevented if the after-treatment is carried out immediately after completion of the surface and the product is applied immediately after the first levelling of the fresh concrete and before the smoothing. Smoothing machines work the product into the surface.

The consumption depends on the installation conditions (roughness and absorbency of the concrete, etc.). For mechanically smoothed concrete floors and smoothed concrete surfaces, consumption values between 100 - 150 g/m² can be expected.

Delivered product	Ready for use
Active ingredient	SBR-Polymer Emulsion
Diluent	Water
Solid	>40%
Odour	Faint smell, typical
Density	Approx. 1,05 g/ml
Shelf life	12 months
Consumption	Object dependent
Processing	Between 5°- 35°C
Equipment cleaning	With water

Safety and environment

HydroBloc®Curing996 is not a dangerous working material, the product is not flammable, it does not contain volatile solvents or monomers.

When handling the product, however, the usual industrial hygiene protective measures are recommended. Contamination due to dried material is difficult to remove. We therefore recommend to clean dirty skin areas immediately with water.

HydroBloc®Curing996 is sensitive to frost. If it freezes, it becomes unusable. Storage temperatures below 0°C should therefore be avoided.

These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

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