

ZASTITA-B3 (CURING AGENT-B3)

Acrylate-based curing agent for freshly poured concrete

Field of application:

It is used for the protection against too rapid evaporation of water from fresh concrete or mortar surfaces. It is most often used during execution of concrete works at high temperatures (hot climates), during construction of concrete structures with large surfaces, such as airfield runways, roadways, foundations, slabs, dams and the like.

Properties:

- Ensures controlled cement hydration;
- Controlled evaporation of water from freshly poured concretes or mortar;
- Better quality of concrete surfaces;
- Reduces the danger for occurrence of surface cracks;
- Fast application by means of spraying;
- Resistant to atmospheric effects;
- Gets completely absorbed into the substrate;

Technical features:

Appearance:	White liquid
Bulk density:	0,96 - 1,05 g/cm ³
pH-value:	7-9
Temperature stability:	5°C - 30°C

Substrate preparation:

There should be no bled water on the surface of the concrete.

Application:

Placement is performed by spraying-over the fresh concrete or mortar. The sprayer should be up to 45 cm away from the surface of the concrete and should move uniformly in order to ensure complete and uniform coverage. The pump pressure should be uniform. Following the application, there is no need for additional spraying with water or other protective material. The concrete surface should not be loaded until concrete reaches the required strength in order to be able to bear the surface loads. If the agent is applied upon surfaces of just hardened concrete immediately after striking the formwork, concrete surfaces should have previously been sprayed with water up to saturation, and then material is applied. The layer of Curing-B3 (Protection with curing agent B3) is completely absorbed into the concrete surface and provides to it additional strength and stability.

Consumption:

Depending on the substrate 250-300 g/m²

Cleaning:

The pump, tools and equipment are cleaned with water, after their use.

Packing:

In plastic drums of 20 kg.
Container: 1000 kg.

Storage:

In original closed packing. Dry premises, at a temperature from minimum 5°C to 30°C, protected against direct exposure to sun. Shelf life 12 months.

Health hazard:

Curing-B3 does not contain toxic substances, nevertheless it is necessary to take care to avoid contact with the skin, eyes or not to be swallowed. If the material has been splashed on the skin or into the eyes, they should immediately be rinsed with pure flowing water. If it has been swallowed, ask for medical assistance. Use protective equipment during work: goggles and gloves. **Fire:** Curing-B3 is a non-flammable liquid.

Cleaning and discarding: Cleaning of the Curing-B3 residues is performed with water. The old used packing should be discarded in accordance with the local relevant regulations for that kind of waste.