

# ZASTITA-B (CURING AGENT)

*Parafine-based material for curing freshly poured concrete*

## Field of application:

It is used for protection from rapid evaporation of water from fresh concrete surfaces. It is often used during execution of concrete works at high ambient temperatures (hot climates), as well as for 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 concrete;
- Better quality of concrete surfaces;
- Reduces the risk from occurrence of concrete surface cracks;
- Suitable for fast application by spraying;
- Resistant to atmospheric influences;

## Technical features:

Appearance:	White liquid
Density:	0,9 - 0,95 g/cm <sup>3</sup>
pH	4-6
Temperature stability:	5°C - 30°C

## Substrate preparation:

There should be no standing water on the surface of the fresh concrete. The fresh concrete surface must not be completely dry.

## Cleaning:

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

## Application:

Application is performed by spraying over the fresh concrete. The sprayer should be distanced enough from the surface of the fresh concrete and should move uniformly in order to ensure complete and uniform coverage. The pump pressure should be constant. 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. The layer of Zastita-B should be removed from the concrete surface using water under pressure or mechanical cleaning, before applying other layers of concrete or other materials.

## Consumption:

Depending on the substrate 250-400 g/m<sup>2</sup>

## Packing:

Plastic cans:	18 kg.
Drums:	180 kg.
Containers:	900kg

## Storage:

In original closed packing. At a temperature from minimum 5°C to 30°C, protected against direct exposure to sun. Shelf life 6 months.

### Health hazard:

Zastita-B 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:

Zastita-B is non flammable liquid.

### Cleaning and discarding:

Cleaning of the Zastita-B residues is performed with water. The old used packing should be discarded in accordance with the local relevant regulations for that kind of waste.