

ACCELERATOR-C (UBRZUVAC-C)

*Cement-based quick-setting agent for clogging
In compliance with: BS 1881 part 4*

Field of application:

For clogging active penetrations of water or bedewing i.e. moistening in underground structures of impounding reservoirs, dams, reservoirs, pools, tunnels, mining shafts, cellars and basements, shelters, retaining walls etc;
Most often used for the preparation of substrate for application of waterproofing mortar Hidromal;

Properties:

- Extra quick start and end of setting;
- One-component powdery agent;
- Excellent adhesiveness to substrates of concrete, stone and mortar;
- Does not contain chlorides;

Technical features:

Compressive strength
(EN 1015-11)

- after 1 hour: 6±2 MPa
- after 28 days: 25±3 MPa

Setting time
(EN 196-3):

~ 1,0 min

Substrate preparation:

The penetration that has to be clogged should be pitted up to a depth of minimum 15,0 mm with the formation of rough surfaces. The formed shape of penetration must not be in "V" form. All labile and loose parts should be removed from the substrate; the substrate should be cleaned of dust and grease and generally clean.

Placement:

Pure water is added to the Accelerator-C in a weight ratio 1:0,3. Mixing is performed by means of broad knife or by hand, with obligatory use of protective gloves, because of the heat that is being generated during hydration of the material as well as for protection against chemical irritation. The quantity which is mixed should be in compliance with the very short workability time for the application of the material.

The prepared mixture is immediately pressed into the substrate by means of a broad knife, skimmer or by hand, while taking care to ensure maximum contact with the substrate and is retained up to the attainment of initial setting time of the material (1 min).

During placement of Accelerator-C at low temperatures, it is recommended the water for preparation of mortar to be previously heated (20°C). If the temperature of the substrate or air < 1°C, it is not recommended to apply Accelerator-C.

Consumption:

The quantity of the required material is estimated according to the bulk density 1,7 g/cm³.

Cleaning:

Tools and equipment, in the period prior to setting of mortar, are cleaned with water, while after setting are cleaned by mechanical means.

Packing:

Natron bags of 5 and valve bags of 20 kg.

Storage:

In original closed packing, in dry premises, at a temperature from 5°C to 35°C. Shelf life 12 months.

Health hazard:

It is necessary to avoid contact of the product with skin. In case of accidental contact, the product should immediately be removed with water and soap. If the material has been splashed into eyes, they should immediately be rinsed with a lot of water and medical assistance should be asked for. It is obligatory to use protective means: gloves, mask and goggles.

If it has been swallowed, ask for medical assistance.

Fire:

Accelerator-C is non-flammable powder.

Cleaning and discarding:

Cleaning is by means of water. The old and used packing should be discarded in accordance with the local relevant regulations for that kind of waste. We recommend for the way of application and necessary quantities to be adjusted to the works condition, as well as obligatory use of appropriate equipment.