

HIDROKOL-S

High-quality one-component cement-based watertight building adhesive

Field of application:

It is used for glueing floor and wall ceramic tiles, at places which are exposed to permanent moisture and outdoor members or structures such as bathrooms, pools and ponds, terraces, water fountains and the like.

Properties:

- Grey powdery compound;
- Excellent adhesion;
- Watertight;
- Good compressive and tensile strength;
- Simple for preparation and execution;
- Economical;
- Ecological - environmental;

Technical features:

Bending strength at 7 days:	> 4±1 MPa
Compressive strength at 7 days:	> 10±2 MPa
Adhesion (bond) to substrate:	1±0,2 MPa
Open workability time:	up to 3 hours
Initial setting time :	6 hours
Final setting time :	24 hours

Substrate preparation:

Hidrokol-S is applied upon a sound substrate of concrete, cement mortar, lime-cement mortar. The substrate should be cleaned of dust and grease, generally clean and well wetted with water.

Application:

Add 270-300 milliliter of water to 1 kg Hidrokol-S accompanied by permanent mixing. Mixing should proceed until complete homogenization is reached. Then the mixture is allowed to stay still for 20 to 30 minutes. Afterwards it is mixed again, followed by placement with a serrated skimmer or broad knife in a layer thickness of 1-3 mm.

The tiles are submerged into water and, by pressing-into, are being laid into the applied adhesive. The joints are treated with the pointing sealant Fugofil. Optimum temperature during placement is from 5°C to 40°C.

Consumption:

3,5-4,0 kg/m²

Cleaning:

Tools and equipment are cleaned by using water, immediately after use.

Packing:

In natron bags of 25 kg

Storage:

In original closed packing, 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 the skin or eyes, as well as direct inhalation of the powdery component. In case of accidental contact between the product and the skin, the product should immediately be removed by means of 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.

If it has been swallowed, ask for medical assistance.

Fire:

Hidrokol-S is non-flammable powder.

Cleaning and discarding:

Cleaning is with 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 required quantities to adjust to the work conditions, as well as obligatory use of appropriate equipment.

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