

KR 2K

PRODUCT DESCRIPTION

ISOWEIR KR 2K is a cement and acrylic based, two-component crystallized waterproofing mortar with capillary effect, which can be applied internally or externally, negatively and positively on concrete surfaces against leakage and surface water.

AREAS OF USE

Indoors and outdoors, Vertical and horizontal applications, Foundation and curtain waterproofing, Retaining walls, Terraces (provided that the top is protected), Wet areas such as WC, bathroom, kitchen and balcony, Swimming pools, Water tanks, Tunnels, Elevator pits, Reinforced concrete pipes, Protecting concrete from water, carbonation and de-icing salts, Facilities such as spas and baths.

APPLICATION

Surface Preparation: Before application, surfaces should be cleaned from dirt, dust, old paint and free particles by mechanical means. Application surfaces should be free of pits, fractures, segregation, mold defects, cracks, should be smooth and dust-free. Application surfaces should be damp, dry surfaces should be moistened before application. The surface should be fully saturated with water 24 hours before application and again 2 hours before moisturizing. Ensure that no puddles of water form on the surfaces.

Product Preparation and Application: ISOWEIR KR 2K "B" powder component is added to one drum (5 kg) of ISOWEIR KR 2K "A" powder component under continuous stirring. After adding one bag (25 kg) of ISOWEIR KR 2K "A" powder



component", continue mixing for approximately 3 minutes. Mixing must be done with a low speed (400 rpm) mixer and a mixing tip. As a result of the mixing process, a homogeneous, lump-free and spreadable mortar is obtained. The prepared mortar should be used within 30 - 60 minutes at the latest. ISOWEIR KR 2K System is applied by brush or suitable spraying equipment. Application is done in 2 or 3 coats. Coats should be applied homogeneously and the application should be made in the same direction for each coat. A drying time should be allowed between coats (at least 3 hours), but not more than 24 hours.

Points to be Considered: Eyes should be protected during the application. It is recommended to wear gloves. In case of skin contact, wash thoroughly with plenty of water and soap. In case of contact with eyes, consult a doctor.

FEATURES, ADVANTAGES

- ◆ It is resistant to negative and positive water pressures.
- ◆ It has a capillary effect.
- ◆ Its durability is high.
- ◆ Easy to prepare and apply.
- ◆ It can be applied with a brush or spraying machine.
- ◆ The working time is long.
- ◆ It has a very high adhesion performance and works together with the adhered surface.
- ◆ It forms a solid layer impermeable to water.
- ◆ The coats are cement based, so they adapt very well to damp concrete surfaces.
- ◆ It does not shrink or crack.
- ◆ It is resistant to chemicals and salt solutions in the soil.
- ◆ It is permeable to water vapor.
- ◆ It is resistant to freeze-thaw cycles.
- ◆ It is used safely in drinking water tanks.



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HEALTH AND SAFETY INFORMATION

- ◆ Please consider the hazard and precautionary statements indicated on the product packaging.
- ◆ Follow the guidelines specified in the product's safety data sheet.
- ◆ In case of unexpected health issues, consult the nearest healthcare facility.

TECHNICAL SPECIFICATIONS

Color	-
Appearance	-
Application Temperature (°C)	5 °C - 30 °C
Application Apparatus	Brush, spraying equipment
Thinning Rate	None
Mixture Life (20 °C)	30 - 60 minutes
Amount of Use m ² /kg	Against dampness (on 2 coats) 2,0 kg/m ² Against non-pressurized water (on 2 coats) 3,0 kg/m ² Against pressurized water (on 2 -3 coats) 4,0 kg/m ² Waterproofing from negative side min. 3,0 kg/m ²
Drying Time (20 °C)	Full Curing: 2 minutes
Packaging	Component A 25 kg - Component B 5 kg Plastic bucket
Storage Temperature	It should be stored in a place not exposed to direct sunlight, protected from frost, in closed packaging at 5 °C - 35 °C.
Storage Duration	1 Year
Quality Certificate	ISO 9001

