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# KB Epoxy Resin

## Coating of core drilled holes



Pipeline Accessories

# KB Epoxy Resin

## General Information



### Description:

The epoxy resin is a two component system. The material was especially developed to seal concrete e.g. walls in which a hole was drilled. The coating can be used inside and outside and give a non-porous protection to concrete, fibre cement, steel, wood and other materials. As soon as the white coating is fully hardened the surface is smooth and viscoplastic. In addition the material has a very good resistance against many alkaline and acids as well as seawater.

### How to use:

The epoxy resin is supplied as a set together with the brush and a pair of latex gloves. You can use the resin at temperatures of 5°C upwards. Please clean the surface and dry it carefully by heating up. Smooth surfaces should be treated with an abrasive cloth (corn size 60 or >) before cleaning them. Mix the accelerator in the tin with the liquid plastic and stir. Then use the brush to apply the coating. The thickness of a layer should be approx. 0.25 mm. If necessary you can apply up to three layers.



### Technical data

Potlife at 20°C:	approx. 90 min, higher temperatures shorten life time of the open tin
Drying at 20°C ambient temp. :	min. 12 hour
Max. working temperature:	max. 70°C
Total weight (Content):	1.1 Kg, suitable for approx. 3.5 sqm
Colour:	white

Set	Art.-no.
KB epoxy resin set	4-015-S22005

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## Preparation work:

Please **clean** the surface and **dry** it carefully by heating up. Smooth surfaces should be treated with an abrasive cloth (corn size 60 or >) before cleaning them.

## Application

**Mix the accelerator in the tin with the liquid plastic and stir carefully.**

The potlife is 90 minutes at an ambient temperature of 20°. Apply the coating with the brush. **Take care that the surface is completely painted.** The thickness of one layer should be approx. 0.25 mm. If necessary you can apply up to three layers.

## Full-hardening

The ambient temperature must be **min. 5°C**. Below this temperature the hardening process will NOT start. At 20°C the hardening process takes approx. 12 hours. By increasing the temperature up to maximum 70°C you can shorten the process by 20%. **Do NOT use open flames as this is dangerous and could burn the coating.** Before use in a drinking water applications please **clean the coated surface with hot water.**

## Working Security:

Please use safety glasses and safety gloves when working with the epoxy resin. No open flames are allowed. If the ventilation is insufficient please use breathing equipment.

