



ProteX Epoxy Resin

Especially for sealing concrete in a core hole.



FIELDS OF APPLICATION

For coating and preservation of core drilled holes.

MATERIAL

Material type: Two-component epoxy resin

PROPERTIES

Pot life: at 20 °C: approx. 90 min., higher temperatures shorten the pot life

Drying: at 20 °C ambient temperature: min. 12 hours continuous operating

Continuous operating temperature: 70 °C

Color: white

SIZE

Content: 1.1 kg, sufficient for approx. 3.5 m²



Building Construction



Civil Engineering



Water



HVAC



Energy



Oil



Gas



Industry



PRODUCT INFORMATION

PROPERTIES

- Short drying time
- Two-component epoxy resin
- Fully-hardened, white protective coating has a smooth, viscoelastic surface and is insensitive to shocks and impacts
- The treated surface has a very good resistance to alkalis and acids and is seawater proof

FIELDS OF APPLICATION

- Especially for sealing the concrete of a core hole
- The coating is suitable for indoor and outdoor use as a non-porous protective coating for concrete, fiber cement, masonry, steel, wood and other materials.

DESCRIPTION

The resin can be used at ambient temperature of 5 °C upwards. The surface to be coated must be cleaned and carefully dried by preheating the surface, smooth surfaces need to be roughened beforehand with emery cloth grain size 60 or coarser, the abrasive dust is to be removed afterwards. The hardener is added to the can with the liquid plastic and stirred well. The layer thickness is approx. 0.25 mm per coat, up to three coats can be applied if required.

NOTES

Please consider also the publications of the german institution "Berufsgenossenschaft der Bauwirtschaft (BG Bau)" regarding the handling of epoxy resins.



RECOMMENDATIONS

The layer thickness of the special paint is approx. 0.1 mm per layer, up to three coats can be applied if required. After application, carefully close the can. When properly stored, the paint is reusable.



CERTIFICATES

TEXT

- ZERTIFIKAT_ISO_9001_2015
- AEO-CERTIFICATE Authorized Economic Operator "AEOC (customs simplification)"



INSTALLATION



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



2 Mix the accelerator in the tin with the liquid plastic and stir carefully. The potlife is 90 minutes at an ambient temperature of 20 °C. 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.



3 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.

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 breathin