



ProteX CORE HOLE SEALING



Building construction



Civil engineering



Water



HVAC



Energy



Oil



Gas



District Heating



Industry



TYPE SELECTION



ProteX **Epoxy Resin**

Fields of application

For coating and preservation of core drilled holes

Material

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 temperature: max. 70 °C

Color: white

Sizes

Content: 1,1 kg, sufficient for approx. 3,5 sqm



ProteX **Core Hole Sealing**

Fields of application

Priming of core-drillings and sealing with special paint

Material

Container of primer and container of special paint

Properties

Primer color: colorless

Drying at 20 °C: overcoatable after approx. 1 hour

Special paint color: pebble grey

Drying at 20 °C: Seal can be installed after approx. 12 hours continuous operating temperature: max. -10 °C to max. 50 °C

Sizes

Content: 0,33 liter, sufficient for approx. 1,5 sqm



AVAILABLE ONLINE | WWW.PSI-PRODUCTS.COM



Product data sheet



Installation



Tender text



Accessories



Certificates



PRODUCT INFORMATION

ProteX Epoxy Resin

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 application is done with the brush included in the delivery. 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.

Properties ProteX Core Hole Sealing

- The base coat of a colorless primer provides a good adhesive base and closes small pores and capillaries in the concrete.
- The special paint used is a chlorinated rubber paint in pebble grey. In combination, this provides an optimal sealing of core drillings and additionally protects any exposed reinforcements from corrosion.
- The coating is suitable for indoor and outdoor use as a pore-free protective coating for the use of annular space. The hardened, gray protective coating has a smooth surface and is insensitive to shocks and impacts.

Fields of application

- Especially for sealing concrete in a core hole
- The coating is suitable for indoor and outdoor use as a pore-free protective coating for concrete, fiber cement, masonry, steel, wood, and other materials.

Description

The system can be used from an ambient temperature of 5 °C to 30 °C. The surface to be coated must be cleaned and thoroughly dried by preheating the surface. Smooth surfaces must first be roughened with emery cloth, grain size 60 or coarser. The abrasive dust must then be removed. Stir the contents of the containers well before use, then use a brush to cover the surface evenly. After application of the primer and a flash-off time at room temperature of approx. 1 hour, the coating can be applied.

Notes

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.