

SiliGrout

Used for discrete anodes for impressed current cathodic protection of steel in concrete

Technical Data Sheet

Product description

100% inorganic composition. An acid proof mortar consisting of mineral binders and finely divided silica fillers. The mortar hardens by internal chemical action, which produces an insoluble silica gel. The mortar is resistant to most acids and salts. The mortar is completely inert to all organic solvents.

Properties

- Silicate technology
- environmentally friendly
- mineral based
- very low emission EC 1^{PLUS} R
- fast curing and tension-relieved
- high flowability
- high abrasion resistance
- easy application
- also processible by machine

Packaging and shelf-life

25 kg paper bag

Original packing is storable for 12 months in dry and controlled temperature areas (recommended 10 – 25° C). Reseal opened containers immediately and use within a very short time.

Safety notes

There is no mandatory hazard labeling for SiliGrout. Avoid inhaling dust when opening packaging. Protect skin and eyes during the mixing process.

Preparation of substrate


Prior to application, ensure that the surface is stable and has sufficient surface tensile strength. The surface should also be ready for coating, dry or matt damp, clean and free from all kinds of debris, grease and dust.

The adhesive strength of the substrate must be at least 1,5 N/mm². The application has to be protected from drying too quickly (due to drafts or intense heat from the sun) for at least 24 hours.

SiliGrout

Technical Information

Property	Specification
Mixing ratio	4 - 4,5 liter water per 25kg powder
Processing time at 20° C	appr. 40 min.
Processing temperature	+5° C to +35° C
Loadability	appr. after 4 hrs
Compressive strength	40 N/mm ² (> 28 days)
Flexural tensile strength	12 N/mm ² (> 28 days)
Specific gravity	fresh mortar 2,0 g/cm ³
Consumption	appr. 1.8 kg/m ² per 1mm thickness
Long term resistant against	Salts which may harm building fabric, oils, greases and acids

 1410 EN	
EN 13813 CT-C40-F10-A15	
Self-leveling mineral based mortar	
Fire Behavior	A1
Compressive strength	C40
Flexural strength	F10
Release of corrosive substances	CT

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02

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Approved
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All technical data stated in this Technical Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. The information, and, in particular, the recommendations relating to the application and end-use of CorrPRE's products, are given in good faith based on CorrPRE's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with CorrPRE's recommendations.