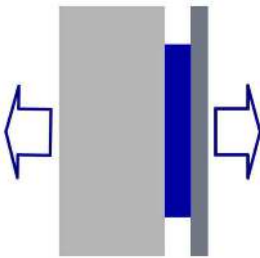


Roxbond®AK 1059

Injection mortar for adhesive anchors, on damp substrate



- Roxbond® glues reinforcement rods
- Roxbond® bonds concrete, steel, masonry
- Roxbond® glues spiral anchors
- Roxbond® glues posts, anchors, suspensions
- Roxbond® glues adhesive packers
- **Roxbond® glues fast and absolutely secure**

Roxbond®AK 1059 is an injection mortar based on polysilicate. It is suitable for fixings with particularly high standards. The reaction product cures without shrinkage and does not foam. Due to its thixotropic nature, Roxbond®AK 1059 is ideal for overhead application without material running or dripping.

Roxbond®AK 1059 reacts quickly and safely within a few minutes, with final strength being achieved after 24 h.

Properties

Aspect	: Stable, soft, pasty compound
Mixing ratio	: 1:1 by Volume
Delivered product	: 2 comp. cartridge, 2 x 310 ml
Odour	: Faint, typical
Colour	: Grey (A), light brown (B)
Binder	: Polysilicate Hybrid
Density A	: 1,70 +/- 0,05 g/ml @20°C
Density B	: 1,10 +/- 0,05 g/ml @20°C
Mixed Density	: 1,40 - 1,60 g/ml @20°C
Processing limits	: +3 / +35° (lower/upper)
Reaction time	: 6,5 min @20°C
Strength(80%)	: Approx. 24 h @20°C
Final strength	: 7 days @20°C
Pull-out strength	: > 10 kN, reinforcing bars Ø 8mm, installation depth 40 cm
Fire behaviour	: Class A2 DIN 4102 / non-flammable
BBD	: 9 months after delivery date (in unopened container)

Processing The surface must be free of separating substances, clean, load-bearing and sufficiently pressure-resistant. Heavy sucking surfaces and surfaces with insufficient stability (sanding) must be pre-treated with DuroFlex®671. The size of the borehole and the borehole depth are drilled according to the selected anchor. The borehole must be cleaned thoroughly by brushing with a steel brush and blowing with compressed air.

For processing remove protective cap and screw on static mixer. Place in a suitable cartridge press like Jekto®H-058 or pneumatic gun Jekto®H-034. When the material homogeneously emerges from the static mixer, insert the mixer deep (to the end of the borehole) and fill the borehole completely from bottom to top. For deep boreholes, extensions are available for the static mixer. The anchor rod is inserted into the borehole by rotation to ensure complete wetting of the anchor and the borehole wall. Remove any leakage of Roxbond®AK 1059 immediately. Do not move or load the anchor during the setting process.

Roxbond®AK 1059 is sensitive to frost, temperatures between +3°C and +35°C are recommended for storage. Always seal opened Roxbond®AK 1059 containers immediately and use the adhesive in the short term.

Once bound, the adhesive is no longer soluble and can practically only be removed mechanically.

Roxbond®AK 1059 is non-flammable and physiologically largely harmless. The product poses no particular hazards during storage and processing. Contact with eyes, skin and mucous membrane should be avoided. We recommend that the usual industrial hygiene rules are always observed during processing. The material should not be accessible to unauthorized third parties and children.

For detailed information on the safe handling and disposal of the product, an up-to-date safety data sheet is available.

These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

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