



Silox®Bauharz 806

Epoxy resin binder for construction applications with fast curing and very good adhesion on wet concrete.

Silox®Bauharz 806 is a solvent-free, transparent resin hardener system consisting of a reactively diluted epoxy liquid resin and a special polyaminoamide compound as hardener. The resin has a low viscosity, is slightly elastified and hardens quickly and without interruption even under unfavourable conditions. The surface is clear, glossy and tack-free. The films are tough, the adhesion of the resin on all - even on wet or humid - mineral surfaces and on wood and metal is excellent.

Silox®Bauharz 806 is used for bonding natural and artificial stones, as a bonding bridge on damp concrete, as a binder for non-slip and wear-resistant bedding, on traffic areas in industrial plants, multi-storey car parks, for repair mortar and polymer concrete and for heavy-duty synthetic resin screeds. With the pure resin or mixed with fillers cracks and rigid joints are cast in concrete floors and screeds, posts, anchors and machine foundations. Scattered with quartz sand, the resin can be used as a bonding bridge under cast resin coatings, **as well as** for transparent coatings (sealants) on concrete surfaces or as a binder for coarse sand or chippings in bedding.

Product data Properties

Composition	: 2C-Reaction resin of EP liquid resin : with polyaminoamides as hardener component
Colour, Characteristics	: Brown, transparent
Odour	: Weak, typical, aminic
Density	: approx. 1,03 gr/ml
Mixed viscosity	: approx. 1500 +/- 200 mPa.s
Diluent	: Not required
Shelf life	: At least 12 months, frost protected

Technical application data

Mixing ratio A : B	: 10 : 7 (by volume)
Surface	: Clear, glossy
Adhesion to concrete; residual moisture >10 %	: At 5 kN break in concrete
Processing temperature	: Not below + 8° C
Gel time (processing time) at 20° C	: Approx. 40 Minutes
Setting time at 20° C	: Approx. 12 - 18 h
Fully chemically resistant at 20° C	: After 7 days

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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ARCAN Waterproof

ARCAN GmbH Spezialbaustoffe

Kleinniedesheimer Strasse 19
D-67240 Bobenheim-Roxheim
Phone: +49 (0)6239 - 99 78 20
Mail: office@arcan.biz
Web: www.arcan.biz

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