



## **Silox®Bauharz 805 LC**

Fast reacting Epoxy resin for building applications

**Silox®Bauharz 805 LC is a highly reactive epoxy resin with particularly low viscosity. The elastified resin doesn't contain any solvents and hardens quickly.**

Silox®Bauharz 805 LC is easy to process. Hardened films, mortars and coatings made of Silox®Bauharz 805 LC are tough-elastic, stick free and compared to usual epoxy resins extra impact resistant.

### **Application**

Silox®Bauharz 805 LC is a classic building resin and typically used as bonding bridge, binding agent for litter layers, in combination with dry silica sand as polymer mortar for repair and laying jobs such as casting of poles and anchors or machine foundations. In gardening and landscaping Silox®Bauharz 805 LC is suitable for drainage mortars and as laying mortars for stones. Used as injection resin or casting resin for polymer concrete parts in industrial applications or similar sophisticated jobs.

- perfect binding agent  
for many applications

- **Bonding bridge and binding agent for litter layers**
- **Repair mortar and reprofiling mortar**
- **Binding agent for fast usable screeds**
- **Casting resins for model-, form- and tool building**
- **Joint mortar for plaster**
- **Glue for contact grouting of natural stones**
- **Laying mortar for slabs and paving**
- **Binding agent for drainage mortars**

### **Processing**

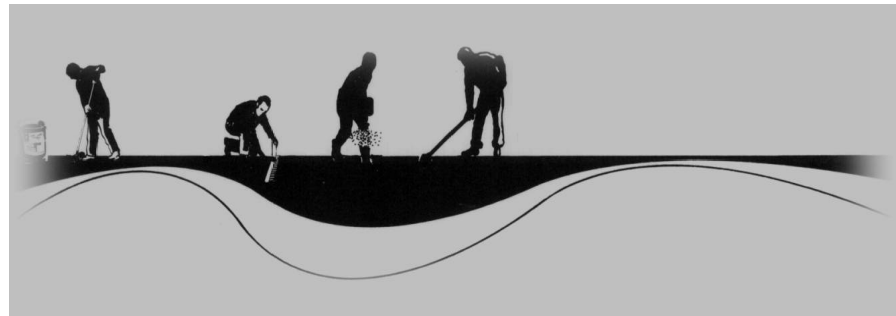
Both components must be mixed thoroughly with an electric device and for security reasons re-potted and again stirred. The resin mixture is ready to use directly after mixing and doesn't need any ripening time.  
Do never dilute the resin or mix with other resins.

- easy to process,  
through low  
Viscosity -

All surfaces must be clean, dry, stable and free of separating substances. It is essential that the resin could wet the surface properly, therefore apply first layer with a brush. The brush application guarantees the displacement of the available air in the pores of the surface. Application with rolls or by spraying don't bring the same effect. Brush in the resin for best results!

**Important:** Silox®Bauharz 805 LC is not suitable for bituminous substrates. Aggregates for mortars and litter layers must be dry!. Use only oven-dried materials.

Review the operation instruction and special application instructions for this material and the known technical rules.



## Properties

Name	Silox®Bauharz 805 LC
Component A	Epoxy-resin, urethan modified
Component B	Polyamine
Ratio A : B	100 : 20 parts according to the weight
Viscosity mixed	Approx. 250 - 300 mPa.s (20°C)
Density mixed	Approx. 1,1 g/ml
Processing time	Approx. 47 Min at 20°C (t-gel)
Stick free film	After 12 h, 20°C

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Properties	After 7 days, at 20°C
Shore-Hardness D	≥ 58
Compressive strength	≥ 61 (pure resin)
Compressive strength	≥ 85 (mortar with silic sand)

**Storage  
Safety  
Disposal**

The resin and hardener component of Silox®Bauharz 805 LC are **are not flammable, but combustible**. Keep away from fire and radiating heat. Store in a cool and dry place and keep away from children and unauthorised personnel

Avoid skin, mucosa and eye contact with the material and ventilate thoroughly. Use suitable protective clothes and safety goggles. Safety datasheets are available for both components, they contain all relevant safety information.

Cured Silox®Bauharz 805 LC is chemical inert and could be disposed as normal building rubble, liquid product left overs are special waste. Empty cans with liquid material inside are special waste and should be disposed after local rules.

### Recommended Accessories :

#### HydroSolv®520

A highly efficient, harmless and inert cleaning and solving material for equipment and pumps. This product is environmental friendly security solvent with a high flash point. Harmless, non toxic , no labelling required and without any restrictions regarding transport.

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

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passion to invent 