

Silox®EP 840

Epoxy injection resin

Solvent-free epoxy resin system with a specially formulated amine hardener. Due to its low viscosity, long pot life and very good creeping and wetting properties, Silox®EP 840 is very well suited for sealing and the non-positive bonding of cracks in concrete structures.

2 component system with a mixing ratio of 2:1, which makes processing easy. Processing time (Potlife), in the supplied form, approx. 60 min./20 °C; it can be activated with special accelerator systems (HydroCat® types) to reaction times of up to 20 minutes.

Product data

Supplied form	2-components ("A" + "B")
Mixing ratio:	1 : 1 by volume
Density (mixing 1:1)	1,03 gr/ ml (20°C)
Potlife (tGel)	Approx. 90 - 100 minutes (20 °C)
Elongation	3 % max
Solvent content	Contains no solvent

Product Safety and environmental protection

Silox®EP 840 is not attacked by concrete ingredients and does not contain any components that can damage concrete or reinforcing steel. Ground water or drinking water is not contaminated by contact with Silox®EP 840. The product has been tested in Germany according to the "KTW guidelines" (Plastics in Drinking Water) of the Working Group Drinking Water Concerns at the Federal Minister of Health and meets these requirements.

Recommended auxiliary agents and additives:

HydroCat®850/D30

Accelerator; for faster reaction. Additive quantity between 1 - 5%.

HydroSolv®520

Efficient cleaning and rinsing agents for injection machines and hose lines. Combination of dissolving additives and harmless safety solvents. Not subject to labelling, no transport restrictions according to GGVE/GGVS.

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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