

SEATEC EPOXY RESIN

Field of use & Properties

Unfilled and solvent free epoxy resin for versatile use. The resin is suitable for laminating, sticking together, fill or cover. It has fantastic adhesion on lots of materials (GFK, wood, metal, Styrofoam, concrete and so on) and has excellent soaking properties when used with glass mats and -fibers. If needed, the resin can be used as gluing or filling material when suitable fillers are added. After hardening, both components together build a very strong, water resistant gluing/cover. For that, resin and hardener are measured exactly in the relation 100 : 70 (according to volume). Pot time is about 30 minutes (+20°C) and already after 12 hours hardening, it can be covered with something. The final mechanical firmness is reached after about 5 days (+20°C). The air temperature of SEATEC EPOXY RESIN should be a minimum of +10°C. The epoxy resin is not resistant to turning yellow under UV light. Therefore, the final coating should be a UV-resistant 2-K-varnish.

Preparation

The underground has to be dry, clean, grease free and intact. Before using the resin, sand down the bottom thoroughly and remove all the sanding dust. Resin and hardener in relation 100 : 70, dose exact according needed volume and mix thoroughly with each other. Only mix up as much material as can be worked in during pot time.

The surrounding temperature should be a minimum of +10°C. Please also pay attention to the temperature of the bottom.

Processing

Type of product: epoxy base and hardener component

312 g base resin and 188 g hardener component

625 g base resin and 375 g hardener component

Color of the mixture: yellowish-transparent

Working-/Surface temperature: +10°C to +25°C

Mixture relation: base – hardener 100 : 70 according to volume

Pot time: about 30-40 minutes (20°C) or dependent on temperature and size of mixture

Needed resin for laminating: 1-time glass-fiber-fabric weight or 3-times glass-mat weight

Note

Protect the product from moisture, frost and extreme heat. The waste disposal has to be done according to local regulations. You can find more information at your local waste disposal companies. Always read the instructions on the declaration before usage.

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With this version, all previous version will be made invalid.

