

RECKLI® Epoxy GC

modified epoxy resin

RECKLI Flooring Resin EP

Product 07173

Edition 01/23

PROPERTIES

RECKLI Epoxy GC is a solvent-free two-component liquid plastic, based on epoxy resin. It is fast-curing and low-viscous during processing. When cured, it shows good dimensional stability under heat.

APPLICATIONS

RECKLI Epoxy GC can be used as a binder for the manufacture of glass fibre reinforced laminates made by casting, spraying or by hand lay-up procedure. Mixing with appropriate fillers and additives yields castable compounds for diverse applications. Only use oven-dry fillers, such as RECKLI Filler L, quartz-, chalk- or marble powder.

TECHNICAL DATA

property	value	method
mixing ratio (base : hardener):	100 : 30	(according to weight)
workable temperature:	+10 °C – +30 °C	
viscosity of the mixture:	approx. 700 mPa·s	ISO 2555
pot life (200-g-mixture at +21 °C):	approx. 10 min	
density:	1,1 g/cm ³	
hardness:	79 – 81 Shore D	DIN 53505
ball impression hardness:	110 – 120 N/mm ²	DIN 53456
dimensional stability under heat:	60 °C	DIN 53462

These data are typical guide values. They are not destined for the generation of specifications.

SURFACE PREPARATION

For coatings or adhesions, the substrate must be stable, sound, dry, clean and free of oil, grease or wax. For the manufacture of castings or laminates, use appropriate release agents or moulds out of self-releasing material.

PROCESSING

Before processing, the base component must be stirred up thoroughly. Add the hardener (B) to the base component (A) and mix them homogenously. Transfer the mixture into a second receptacle and stir it up again. Thereby the incorporation of larger amounts of air should be avoided. Once mixed, the processing of the

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material must be completed within the pot life (10 minutes, 200 g). Mixing larger quantities decreases the processing time.

CLEANING OF EQUIPMENT

For the cleaning of the tools and the equipment, use dry, absorbing cloths, if necessary RECKLI Epoxy Cleanser in addition. Immersion in solvents is not sufficient.

PACKAGING SIZES

pair of canisters: 10,4 kg;
double can: 1 kg (the hardener is enclosed in the lid).

STORAGE

Store in a dry place at room temperature. RECKLI Epoxy GC is storable for 6 months from delivery when kept in the closed original packaging at about 18 °C. Opened drums must be closed airtight right after use.

GENERAL INFORMATION

For further information please also see:

„General advice for the processing of RECKLI two-component resins“.

SAFETY

Protect skin and eyes from material splashes. Provide sufficient ventilation in the working place. Please consult the relevant safety data sheet and attend to the indications on the label of the package regarding the Dangerous Goods Regulation. This pamphlet is intended solely as an application directive. It does not claim to be binding and valid for all modes of application. A preliminary test under operation conditions is highly recommended.

This pamphlet replaces all previously published pamphlets concerning RECKLI Epoxy GC, stating them as no longer being valid.

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