

RECKLI® Epoxy LB Clear

RECKLI Epoxy LB Clear

Product 07345

Edition 01/23

modified epoxy resin, thixotropic grade

PROPERTIES

RECKLI Epoxy LB is a solvent-free, cold-curing, cycloaliphatic two-component epoxy resin. It is transparent and liquid. In comparison to conventional epoxy resins, RECKLI Epoxy LB Clear shows a significantly reduced tendency to yellowing if exposed to direct sunlight or UV irradiation.

APPLICATIONS

RECKLI Epoxy LB Clear can be used as a binder for the manufacture of bright, in particular fine-grained indoor quartz floors. The recommended grain size is from 0,5 mm to 4 mm. Make sure, the grain itself is lightfast. In case of doubt obtain confirmation from the manufacturer. The final appearance should be established in a preliminary test.

TECHNICAL DATA

property	value	method
appearance:	transparent	
mixing ratio (base : hardener):	4 : 1	(according to weight)
workable temperature:	+15 °C – +30 °C	
viscosity:	approx. 500 mPa · s	ISO 2555
pot life (200-g-mixture at +21 °C):	approx. 25 – 30 min	
earliest loading (at 21 °C) after:	24 – 48 h	
full chemical and mechanical loading after:	approx. 14 days	
density:	1,1 g/cm ³	
hardness:	65 – 70 Shore D	DIN 53505
ball impression hardness:	50 – 55 N/mm ²	DIN 53456

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

SURFACE PREPARATION

The substrate must be stable, sound, dry, clean and free of oil, grease or wax. Cement-bound or absorbent substrate must be primed. For this, RECKLI Construction Resin EP is generously applied on the entire area with a roller. To achieve a good bonding, sprinkle oven-dry quartz sand on the wet coat, making

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sure it is completely covered. Excess material must be thoroughly swept off or vacuumed the following day.

PROCESSING

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. Grainings should be preferably added to the mixture rather than to the base component before mixing. Once mixed, the processing of the material must be completed within the pot life (25 – 30 minutes). Mixing larger quantities decreases the processing time.

To ensure good abrasion resistance, a final top seal with RECKLI PUR-Seal L75 is recommended.

DOSAGE

Approx. 10 – 12 % by weight, related to the relevant graining.

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 kg;

double can: 1 kg (the hardener is enclosed in the lid).

STORAGE

Store in a dry place at room temperature. RECKLI Epoxy LB Clear 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.

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

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