

RECKLI[®] Epoxy LB RECKLI[®] Epoxy LB-Clear

Properties

Solvent-free epoxy resins with considerably improved light resistance compared to standard epoxy resins.

Application

RECKLI Epoxy LB and LB-Clear are cold-curing cycloaliphatic epoxy resins with excellent resistance against light and yellowing for the manufacture of light indoor quartz floors. Use only light-resistant quartz grain (get confirmation from the manufacturer, please).

Whilst RECKLI Epoxy LB is a slightly thixotropic and opaque translucent material RECKLI Epoxy LB-Clear is a liquid (approx. 500 mPa.s) and clear translucent resin.

Attention! For mixing and working absolute clean equipment is to be used (tools and mixing receptacle).

Ground level

Please see our separate pamphlet „General Surface Pretreatment Advices when using One- or Two-Component RECKLI-Resins”.

Processing

Please see our separate pamphlet „General Processing Advices for RECKLI-Two-Component Resins”.

Application:	Binder for decorative indoor quartz floors
Dosage:	10-12% RECKLI Epoxy LB compared to the quartz grain mix, depending on the size of the grains
Suitable quartz grain mixtures:	natural or coloured (light-resistant) 1-2 mm, 2-3 mm, 3-4 mm
Structure of the Coating:	Pre-treated foundation 1) Priming with RECKLI construction Resin EP spread oven-dry sand 0.5 - 1 mm into fresh coating 2) Not bound surplus of sand must be removed from the cured primer (sweep/ vacuum) 3) Application of the grain mix onto the hardened primer. Working "fresh in fresh" is not possible 4) After approx. 24-48 hours sealing of the surface by RECKLI Epoxy LB-Clear or by RECKLI PUR-Sealant L 75
Curing:	Hardening of the quartz coating with RECKLI Epoxy LB takes longer than with conventional systems.

Technical data	RECKLI Epoxy LB	RECKLI Epoxy LB Clear
Mixing ratio by weight:	4 parts base component 1 part hardener component	
Working temperature:	+15° C to +30° C	
Potlife (200-g-mixture at +21° C):	25-30 minutes	
Spec. gravity:	1.1 g/cm ³	
Viscosity:	slightly thixotropic	approx. 500 mPa.s
Look:	opaque-translucent	clear-translucent
Shore D:	approx. 65-70	
Hardness given by the dynamic indentation test: 7 days +100° C recirculated air:	approx. 50/55 N/mm ² resistant	
Earliest loading:	24-48 hours	
Full loading depending on the temperature:	approx. 14 days	
Cleaning of equipment:	RECKLI Epoxy Cleanser	

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

Drum sizes

Pairs of units:
8 kg base- and 2 kg hardener component; 0,8 kg base- and 0,2 kg hardener component.

Storage

Unopened drums are storable for 6 months after delivery date in closed stores at a temperature of approx. +18° C.

Please attend also our separate pamphlet "General Processing Advices for RECKLI-Two-Component Resins".

Safety

Eyes and skin are to be safeguarded from material splashes. Please consult the relevant safety data sheet and attend to the indications on the label of the drum regarding Dangerous Goods Regulations.

This pamphlet is intended solely as an application directive. It does not claim to be binding or valid for all modes of application. We recommend the carrying out of a preliminary test application relevant to full scale application every time.

This pamphlet replaces all hitherto published pamphlets concerning RECKLI Epoxy LB and RECKLI Epoxy LB-Clear these no longer being valid.