

## RECKLI® Epoxy BB

RECKLI Epoxy BB  
Product 07039  
Edition 12/16

**solvent-free self-levelling coating, based on epoxy resin**

### PROPERTIES

RECKLI Epoxy BB is a solvent-free two-component liquid plastic, based on epoxy resin. It shows good flowability, high chemical resistance as well as high compressive strength and wear resistance. Its standard colour is grey, similar to RAL 7030. In spite of accurate raw material selection and production processes, slight colour deviations between different batches cannot be completely excluded. Therefore, only material of the same batch should be used for a coherent area.

### APPLICATIONS

RECKLI Epoxy BB is suitable for the manufacture of hard-wearing, easy-care floor coatings in the domestic as well as in the commercial area, such as factories, warehouses, garages, laboratories, stairways or loading platforms.

Due to its good flowability, the resulting coatings are very even and smooth. If exposed to UV-irradiation or direct sunlight, RECKLI Epoxy BB is gradually yellowing; however, without degradation of its mechanical properties.

#### Attention!

RECKLI Epoxy BB is not suitable for coating anhydrite or magnesite screeds.

### TECHNICAL DATA

property	value	method
mixing ratio (base : hardener):	5 : 1	(according to weight)
workable temperature:	+10 °C – +30 °C	
pot life (1000-g-mixture at +21 °C):	50 min	
earliest walkability (at +21 °C):	24 – 30 h	
full chemical and mechanical loading after:	7 – 10 days	
density:	1,4 g/cm <sup>3</sup>	
hardness:	55 – 60 Shore D	DIN 53505
König pendulum hardness:	105 s	DIN 53517
abrasion:	290 mg	Erichsen Type 317
gloss (Gardner, GL 45 °):	53 %	DIN EN 14068
heat resistance (dry heat):	approx. 100 °C	

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

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## SURFACE PREPARATION

The substrate must be stable, sound, dry, clean and free from oil, grease or wax. For priming, solvent-free epoxy resins, such as RECKLI Construction Resin EP or RECKLI Flooring Resin EP, can be used. To ensure a good adhesion, oven-dry quartz sand is sprinkled on the wet coat, making sure it is completely covered. Excess material must be thoroughly swept off or vacuumed the following day.

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## PROCESSING

Before processing, the base component must be stirred up thoroughly. Add the hardener (B) to the base component (A) and mix them homogenously. When processing partial amounts, comply with the accurate mixing ratio. 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 material must be completed within the pot life (approx. 50 minutes). Mixing larger quantities decreases the processing time. The mixture is evenly applied approx. 3 mm thick with a notched trowel.

For decoration and increase of slip resistance, colour flakes can be sprinkled onto the fresh coating. Wearing spiked shoes enables to walk over the liquid material. The following day a clear top coating out of RECKLI PUR-Seal L75 is applied.

## CONSUMPTION

Approx. 5 kg/m<sup>2</sup>.

## 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

double drums: 15 kg | 6 kg;

double cans: 1 kg;

The hardener is enclosed in the lid.

## STORAGE

Store in a dry place at room temperature. RECKLI Epoxy BB 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.

## SPECIAL REMARKS

Storage at low temperatures may cause partial crystallisation of the base component, even if only parts of the container are exposed to cold. In this case, the

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material can be melted in the closed container at 40 – 50 °C. When mixed up, it is usable again.

## 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 BB, stating them as no longer being valid.

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