

RECKLI[®] Epoxy GS

RECKLI Epoxy GS

Product 07175

Edition 01/23

priming and filling two-component epoxy resin

PROPERTIES

RECKLI Epoxy GS is a solvent-free two-component adhesive filler, based on epoxy resin, with excellent processing characteristics.

APPLICATIONS

For filling holes, recesses or defective spots, RECKLI Epoxy GS is trowelled to grain size, ensuring excellent adhesion of a subsequent coating with epoxy resins. RECKLI Epoxy GS is applicable, for example, on concrete, ceramic, timber, steel or polystyrene. It is tailored as a primer for coating concrete with RECKLI Epoxy BT.

TECHNICAL DATA

property	value	method
mixing ratio (base : hardener):	5 : 1	(according to weight)
workable temperature:	+10 °C – +30 °C	
pot life (200-g-mixture at +21 °C):	25 – 30 min	
earliest loading (at +21 °C):	24 – 48 h	
full chemical and mechanical loading after:	10 – 14 days	
density:	1,25 g/cm ³	
ball impression hardness:	55 – 60 N/mm ²	DIN 53456
compressive strength:	35 – 39 N/mm ²	DIN 53454
flexural strength:	30 – 34 N/mm ²	DIN 53452

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

A test certificate for adhesive strength and maximum water penetration depth on untreated or brushed concrete is available on request.

SURFACE PREPARATION

The substrate must be stable, sound, dry, clean and free of oil, grease or wax. Concrete or other cement-based substrates should have a minimum age of 4 weeks.

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

RECKLI GmbH

Industriestraße 36

D-44628 Herne

Tel +49 2323 1706-0

Fax +49 2323 1706-50

info@reckli.de

www.reckli.de

mixture into a second receptacle and stir it up again. Once mixed, RECKLI Epoxy GS is trowelled to grain size over the entire surface; the processing of the material must be completed within the pot life (25 – 30 minutes). Mixing larger quantities decreases the processing time.

CONSUMPTION

500 – 1000 g/m² per application, depending on the surface's nature.

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: 6 kg | 3 kg;

double cans: 0,9 kg;

The hardener is enclosed in the lid.

STORAGE

Store in a dry place at room temperature. RECKLI Epoxy GS 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 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 GS, stating them as no longer being valid.