RECKLI®
DESIGN YOUR CONCRETE



# RECKLI® Elasto-Filler

**elastic polyurethane filler**

## PROPERTIES

RECKLI Elasto-Filler is a thixotropic, rubbery-elastic, two-component polyurethane filler. It is cold-curing, solvent-free and almost shrinkage-free. The thickening effect occurs after an onset time of 1 – 2 minutes. Subsequently, the spreadable product can easily be applied with a trowel, a spatula or a brush to a maximum coating thickness of 10 mm. Finishing or grinding is possible, at the earliest, after 3 – 4 hours.

## APPLICATIONS

RECKLI Elasto-Filler is used for mending and repairing flexible models, fittings, moulds and formliners out of RECKLI PUR-elastomers.

## TECHNICAL DATA

| property | value | method |
|---|---|---|
| hardener: | for Elasto-Filler | |
| mixing ratio (base : hardener): | 10 : 1 | (according to weight) |
| workable temperature: | +15 °C – +30 °C | |
| pot life (200-g-mixture at +21 °C): | approx. 10 min | |
| earliest loading (at +21 °C): | 5 h | |
| density: | 1,5 g/cm³ | |
| hardness: | 60 Shore A | DIN 53505 |
| heat resistance (dry heat): | +65 °C | |
| heat resistance (under concrete): | +60 °C | |
| colour: | grey | |

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

## SURFACE PREPARATION

To achieve a proper adhesion, the substrate must be dry, clean and free of oil, grease or wax. The surface is to be roughened by grinding. The use of thinners or cleansers should be avoided if possible. If solvents still need to be used, they have to evaporate completely before RECKLI Elasto-Filler can be applied.

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## PROCESSING

Each contact with moisture must strictly be avoided. Before processing, the base component has to 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. After the onset of the thixotropic effect it is applied by brush or by spatula. In this state further vigorous stirring should be avoided. The shaping should be finished within the curing time. About 3 – 4 hours after hardening the filling is sliceable and grindable. For the final treatment we recommend wet finest-grade abrasive paper.

## 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 can: 550 g (The hardener is enclosed in the lid.)

## STORAGE

Store in a dry place at room temperature. RECKLI Elasto-Filler 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 making moulds and models using RECKLI two-component polyurethanes".

## 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.

RECKLI Elasto-Filler exclusively consists of components that are registered according to regulation 1907/2006/EU (REACH) or exempt from registration. It is free from contents according to appendix XIV (SVHC) and mercury compounds.

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 Elasto-Filler, stating them as no longer being valid.

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