

## RECKLI<sup>®</sup> Epoxy Compound 51/30

### Properties

Free of solvents, filled two-component-compound with high reactivity and middle hardness. Because of its low viscosity RECKLI Epoxy-Compound 51/30 is specially suitable for casting by machines.

### Application

RECKLI Epoxy-Compound 51/30 is used as ready-formulated compound for the manufacture of models, ornaments for the door and furniture industry and as compound in the construction industry.

A further addition of fillers is not possible.

### Technical data

Mixing ratio by weight:	5 parts base component 1 part hardener component
Specific gravity of base component A:	1.58 g/cm <sup>3</sup>
Specific gravity of hardener component B:	1.00 g/cm <sup>3</sup>
Potlife (200-g-mixture at +21 °C):	appr. 30 minutes
Heat resistance according to Martens:	+38 °C to +40 °C
Curing progress hardness given by the dynamic indentation ball test, 150 g specimen, approx. 10 mm thick, polymerization at room temperature +21 °C:	N/mm <sup>2</sup>
after 1 day:	58
after 2 days:	62
after 3 days:	65
+ 8 h / +75 °C - final hardness:	65
Linear shrinkage:	appr. 0.01 – 0.05 %
Coefficient of length expansion:	appr. 65 · 10 <sup>-6</sup> K <sup>-1</sup>

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

### 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“.

### Additional Processing Advice

Please use RECKLI-Mould Wax as release agent for casting profiles, moulds or ornaments.

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#### Drum sizes

Pairs of cans: 24.0 kg and 6.0 kg, hardener and base in separate cans  
Double tins: 1.0 kg, hardener in lid of tin

#### 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".

#### Cleaning of equipment

RECKLI Epoxy-Cleanser is suitable for cleaning the equipment. Clean thoroughly, simply placing equipment in the cleanser is not sufficient.

#### Safety

Eyes and skin are to be safeguarded from material splashed. 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-Compound 51/30 this no longer being valid.