

RECKLI[®] Epoxy-OH “scratch resistant”

Properties

Solvent free, pigmented, thixotropic two-component-epoxy-surface resin, stable, for exact reproduction, high abrasion and chemical resistance.

Application

RECKLI-Epoxy-OH “scratch resistant” is especially suitable as surface resin in the moulding and modelling sector for the manufacture of reverses, laminated or negative moulds, as well as in the ceramic industry for models and block moulds. Its very good resistance to MMA (Methylmethacrylate) and styrene enable the use of RECKLI-Epoxy OH “scratch resistant” especially in the areas requesting these properties.

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”.

Method of processing

Brush or spatula

Additional processing Advice

At least two coats of RECKLI-Epoxy-OH “scratch resistant” are to be applied with a brush. Before applying the second coat, the first layer has to be almost gelled (approx. 40-60 minutes depending on the temperature). The next coats must always be applied within the next 2-3 hours. After this period of time, problems of adhesion may arise. For a better checking of the layer thickness we recommend to add some grams of colour paste to the different layers of RECKLI Epoxy OH “scratch resistant”.

Cleaning of tools

The tools are to be cleaned thoroughly with RECKLI-Epoxy Cleanser. Simply placing them in thinner is not sufficient.

Technical data

Mixing ratio by weight:	8 parts basic component 1 part hardener
Colour:	white
Tinting:	add a few grams of colouring paste
Specific weight:	approx. 1.5 g/cm ³
Potlife (200-g-mixture at room temperature of +21 °C):	approx. 15-20 min.
Working temperature:	+15° C to +30° C
Earliest loading capacity:	after approx. 24 hours
Full mechanical and chemical loading:	after approx. 7-10 days
Dimensional stability under heat according to Martens:	+60° C
Viscosity of mixture:	thixotropic-brushable
Spherical pressure:	130 N/mm ²

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

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".

Drum sizes

Double-drums, hardener in drum lid. 9 kg; 1 kg

Safety

Eyes and skin are to be protected from hardener and plastic splashes. Please consult the relevant safety data sheet and observe the indications shown on the drum label concerning the Dangerous Goods Regulation.

This pamphlet is merely meant to be an application directive. It does not claim to be binding and valid for all application possibilities. We recommend carrying out a preliminary test adapted to each practice.

This pamphlet replaces all hitherto published pamphlets for RECKLI Epoxy OH "scratch resistant".