

RECKLI[®] Epoxy OH / Epoxy OH blue

Properties

Solvent free, pigmented, thixotropic two-component epoxy surface materials, stable, exact reproduction, good impact and abrasion resistance.

Application

Surface resin used in moulding and modelling for the manufacture of laminated or negative moulds and in the ceramics industry for models and block moulds. As gelcoat for epoxy laminates we recommend to use RECKLI Epoxy WST and glass or carbon fibres. A further field of application is filling and smoothing of joints, defects, cracks, screw holes etc. in various foundations, above all timber and steel.

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

RECKLI Epoxy-OH/ OH blue are applied in at least two coats by brush. Before the second coat is applied the first coat must have gelled (approx. 50-70 mins depending on temperature). In any case the second coat must be applied within 5-6 hours. If this limit is exceeded, adhesion problems may arise. We recommend to change the coats from OH to OH blue to facilitate checking coat thickness.

Technical data

Mixing ratio by weight:	7 parts basic paste 1 part hardener
Colour:	white or blue
Toning:	add a few grammes of water free colouring paste
Specific weight:	1.5 g/cm ³
Potlife (200-g-mixture at a room temperature of +21 °C):	approx. 20-30 mins.
Working temperature:	+10 °C to +30 °C
Earliest loading time:	after approx. 24 hours according to temperature
Full mechanical and chemical loading:	after approx. 7-10 days
Dimensional stability under heat according to Martens:	+60 °C
Viscosity of mixture:	thixotropic - easy to brush on

Hardening process and hardening given by the dynamic indentation test at room temperature +21 ° C according to DIN 53456

Hardening at +21 ° C	Dynamic indentation test N/mm ²	Shore D
3 hours	16.3	62
4 hours	46.0	73
5 hours	64.0	74
6 hours	80.0	76
7 hours	88.0	76
8 hours	94.0	77
24 hours	117.0	79
48 hours	122.0	80

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

Cleaning of tools

RECKLI Epoxy Cleanser, clean thoroughly, simply placing equipment in thinner is not sufficient.

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, 8-kg; 1-kg.

Safety

Eyes and skin are to be safeguarded from material splashes. Please consult the relevant safety data sheet and observe the indications on the drum label regarding 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. 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 OH / OH blue these no longer being valid.