

RECKLI® Flooring Resin EP Thix

Properties

Solvent free, translucent-opaque, slightly thixotropic two-component resin on epoxy base.

Application

RECKLI Flooring Resin EP Thix is used as artificial-resin binder. The slightly thixotropic property ensures a very good wetting of the filler and therefore prevents the binding agent from settling down. Thanks to this effect RECKLI-Flooring Resin EP Thix has proved to be particularly worthwhile as binding agent for decorative indoors quartzite floors. (For pale quartzite floors and floors in light flooded rooms we suggest however to use our RECKLI Epoxy LB with improved light fastness.)

If fillers and additives are selected carefully, liquid-tight floor toppings are achieved with a resin proportion of approx. 11-12 %.

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”.

Cleaning of tools

The tools are to be cleaned thoroughly with RECKLI-Epoxy cleanser. Simply placing them 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 size

8-kg pairs of drums, 6-kg base and 2-kg hardener;
4-kg double drums, hardener in drum lid;
0.8-kg double tins, hardener in tin lid

Technical data

Mixing ratio by weight:	3 parts basic component 1 part hardener
Colour	translucent-opaque
Specific gravity:	approx. 1.1 g/cm ³
Mixing viscosity:	slightly thixotropic
Potlife (200-g-mixture at +21 °C)::	approx. 40-50 min.
Shore D:	approx. 73
Indentation ball test:	approx. 50-55 N/mm ²
Dimensional stability under heat acc. to Martens:	approx. +40 °C
Earliest loading capacity:	after approx. 24-48 hours
Chemical loading:	after approx. 10-12 days

Hardening process at +21 °C	Shore D	Hardness given by the dynamic indentation ball N/mm ²
after 1 day	not measurable	not measurable
after 3 days	63	20
after 7 days	72	47
after 14 days	74	53

Liquid-tight floor-topping mixture

8.00 kg oven dry sand 0-3 mm
0.80 kg Durcal 5 (amorphous chalk)
1.20 kg RECKLI-Flooring Resin EP Thix.

Compressive strength of this floor topping according to DIN 1164:	48 N/mm ²
Tension bending strength according to DIN 1164:	36 N/mm ²
Specific gravity:	2.04 g/cm ³

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

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-Flooring Resin EP Thix, these no longer being valid.