

RECKLI[®] Epoxy-Flex-Filler

Two-component filler on epoxy resin base

Properties and Application

RECKLI Epoxy-Flex-Filler is a quick hardening, two-component epoxy resin filler with a hardening time of approx. 1 to 1 1/2 h.

RECKLI Epoxy-Flex-Filler is solvent free and hardens nearly without shrinkage.

RECKLI Epoxy-Flex-Filler guarantees perfect adhesion to RECKLI-Epoxy coatings.

RECKLI Epoxy-Flex-Filler is used primarily for filling and repairing holes, craters, fractures, joint seams and uneven spots on or in wood, steel, concrete foundations which are to be covered with RECKLI Epoxy Coating Systems.

Ground level

Please see our separate pamphlet „General Surface Pretreatment Advices when using One- or Two-Component RECKLI-Resins“.

Processing

RECKLI Epoxy-Flex-Filler is supplied in a pair of tins. One tin contains the white basic material the other the black hardener. The quantities of hardener and basic material are exactly matched to one another. The mixing ratio is 1 : 1 and always calculated by weight and not by volume. Where partial quantities are used, it is essential to weight out the components. The two components can be stirred by hand with a spatula. Both materials should be combined uniformly until there is an equable grey colour tone. In order to avoid mixing errors, the material on the walls of the mixing drum is to be included in the mixing process.

The workable time of approx. 4-5 min. is based on material, foundation and surrounding temperatures of +21 ° C and the weight of 200 g to be mixed. The setting process is accelerated by higher temperatures and lengthened by lower temperatures. In general, the material temperatures should be not lower than +10° C and not higher than +30° C during the application process. Cool storage is therefore necessary where there are high surrounding temperatures. Where surrounding temperatures are low, a suitable application temperature can be reached by placing the tightly closed tins in warm water. If you place the tin in warm water, be sure to dry the tin thoroughly afterwards before using. The workable time also depends on the amount of material to be mixed and the length of time it has been in store.

Only so much material is to be mixed as can be worked in 4-5 minutes. Maximum mixing quantity should not exceed 200 g. Working time can be lengthened to approx. 7 minutes when the mixed material is spread on a flat surface instead of being left in a tin.

Joints in shuttering panels must be approx. 3-5 mm wide, the panels being firmly fixed in the region of the joint (screwed if necessary) before RECKLI-Epoxy-Flex-Filler is applied.

RECKLI Epoxy-Flex-Filler can be ground after appr. 90 min. Depending on the thickness of the layer the earliest loading is given after 3-4 hours.

Consumption

To be calculated from the specific weight 1.85 g/cm³.

Packing size

RECKLI Epoxy-Flex-Filler is supplied in a pair of tins each containing 500 g Component A and 500 g Component B (tin in tin packing).

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 tools

RECKLI Epoxy Cleanser is suitable for cleaning the tools. Simply laying of the tools into a container with RECKLI Epoxy Cleanser is not sufficient. A thorough cleaning process is necessary.

Safety

Skin and eyes are to be safeguarded from hardener and base material. Please observe the indications on the lable of the tins regarding Regulations of Dangerous Goods and read the relevant safety data sheets.

This pamphlet is solely intended 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-Flex-Filler these no longer being valid.