Elastic epoxy mortar for restoration of wood

Application

- Both structural and decorative repair work/restoration of wooden sections affected by mould and insects such as window frames, wooden beams, wooden statues and sculptures

Properties

- Two-component.
- The product consists of epoxy resin and wood powder with fibrous and cellular fillers.
- Mass resembles wood in all respects is obtained after hardening.
- Very easy to model.
- Perfect bonding to most kinds of wood. Adhesion to dry wood is superior to the cohesion of wood itself (not to red ironwood and woods with a high oil content).
- Completely shrink-resistant hardening.
- Thoroughly resistant to water, rot and weather.
- Can be processed like wood – can be sawn, pierced, sculpted and sanded.
- Painted with all kinds of paint, polished and waxed.
- Restoration is reversible as hot air at 120°C can weaken the mass to a point that it detaches itself from the base.

Directions

Preparation

- The base must be dry and firm.
- This means that all loose constituents (paint, affected wood, dust) must be removed.
- A base that is not sufficiently solid can be consolidated with Artipox Multi. This is a very thin-fluid epoxy resin with very high penetrating capacity.
- **Artiwood** paste is obtained by mixing (kneading) equal parts by weight of both components till a uniform colour is achieved.
- By adding pigment the colour can be altered to match the base colour.

Work method

- After having been mixed the paste can be pressed into the crack or damage by means of a filling-knife or a spatula making sure there is perfect contact with the base.
- After hardening (1 day) the repair work can be sanded or cut in the right shape and painted. Tools are to be cleaned with Articlean 02.

Important remarks

- The ideal ambient temperature is 15°C. At a lower temperature a longer hardening period will be required.
- The ambient temperature must always exceed 5°C and be under 30°C.

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Technical characteristics

Colour	close to pale pinewood
Specific weight	component A = 1,35 kg/ltr component B = 1,40 kg/ltr
Specific weight mixture	+/- 1,37 kg/ltr
Potlife after mixing 20°C	30 minutes
Hardening time	1 day
Flash point (P&M)	> 100°C
Solid constituents	100%
Compressive strength	35 N/mm^2
Tensile strength	8 N/mm^2

Mixing ratio

Component A	2,50 kg
Component B	2,50 kg

Colors

Natural and oak

Quantity to use

+/- 1,37 kg/ltr of the space to be filled (= +/- 1,37 kg/dm³)

Packaging

Predosed sets of 5 kg

Safety information – Transport – Handling and storage - Waste

Consult the most recent and product-related safety information sheet from Rewah in compliance with the (EU) 453/2010 annex II/A guidelines. The information on the abovementioned safety information sheet has been drawn up with the greatest care and is based on the knowledge available at the date of issue. We accept no liability for damage or hindrance of any kind which could be caused by the use of the product concerned.

Transport and storage

Transport and store away from frost. Protect the product and its packaging against direct sunlight. Avoid storage at temperatures >30°C.

Storage life

1 year after manufacturing in the original closed packaging.

Considerations

The data included in this sheet, the application advices and other recommendations are based on extensive research and experience. They are however not binding also in relation to third party liability. They do not protect the customer against checking the products and directions for their suitability for the purpose. The characteristics and properties described are average values and analyses registered at 20°C, variances are tolerated. Our customer service will gladly answer your questions. The rewrite of this sheet replaces all previous sheets.

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