



RUK RESTOR 22 MOULDABLE WOOD EPOXY PASTE

Instruction Sheet

DESCRIPTION

RESTOR 22 is a two-part epoxy paste, which is carvable and mouldable. The resin component is a light brown epoxy resin paste, which is mixed in equal parts with the hardener, which is friable and dark brown, to provide a cold setting wood-like material. This wood paste is well suited for facing-off beam repairs where the uncured material may be grained to match the existing timber and for filling in tack damaged, rotten or woodworm infested furniture and similar items. It can be used to remake profiles or replacement pieces for furniture or similar, and is notable for its ability to take tacks and to hold them without fracturing.

CHARACTERISTICS

RESTOR 22 remains in place on contoured and vertical surfaces, and, on cure, forms strong bonds to most structural materials, wood, metals, and glassfibre reinforced laminates. The cured material can be planed, chiselled, drilled, and worked with carpenters' tools in the same manner as wood -with the added advantage of constancy in carving as there is an absence of grain and knots. GLASS RODS may also be incorporated to restore structural integrity to the framework of furniture. Epoxy Paste is a heavily filled, mouldable product for restoration of lost detail.

INSTRUCTIONS FOR USE

Pre-treatment - Contaminated surfaces can both inhibit subsequent bond strength and appearance. Remove any loose deposit caused by insect attack, fire damage or frassy, rotten wood.

MIXTURE

Product	Parts by weight
RESTOR 22 RESIN	100
RESTOR 22 HARDENER	100

Weigh out the components on to a clean, dry, non absorbent surface. Use a flat blade (palette knife) or well gloved heel of the hand to thoroughly blend the two until uniform in colour throughout.

USABLE LIFE

The following time holds good for 20C. 500grams of mix is usable for ca. 50-60minute, this may be prolonged by spreading into a thin layer to dissipate exothermal heat eg. a 5mm layer of mix is usable for about 1.5 hours.

APPLICATION

Again to avoid heat build-up it is recommended that the mix be applied in thin layers and allowed to gel before adding a further layer---and so on. Small repairs however, may be filled in one operation without the risk of exotherm.

CURING

Allow to cure at room temperature. After 14-24 hours the RESTOR 22 paste is ready to be worked with the preferred woodworking tools. Full strength is reached in 36-48 hours.

Property	Unit	Value
Specific Gravity		0.6
Flexural Strength - BS2782 Method 335A	MPA	15 - 20
Compressive Strength - BS2782 Method 345A	MPA	15 - 20
Linear Shrinkage following cure 7 days at ca. 20 - 25	%	0.03 - 0.04

CAUTION: HANDLING SYNTHETIC RESINS AND HARDENERS

Restor 22 Resin and Hardener are, in general, quite harmless provided certain precautions are always taken when handling chemicals are observed. The uncured materials should not come into contact with the skin: the wearing of impervious gloves of rubber or plastic along with eye protection is necessary. Hands should be washed after each period of work by washing with soap and warm water, do not use solvents and dry using paper, rather than cloth, towels. It is recommended that there be adequate ventilation of the work area.

CLEANING OF EQUIPMENT

Clean tools before the mixture has hardened with warm water and detergent or methylated spirit before the paste has hardened. Remember, solvents are flammable so fire precaution must be exercised in their use

STORAGE

The resin and hardener should be stored in lidded containers at 5-25C and have an assigned shelf life of 3 years although the system may be usable well after the expiry date: check for consistency and cure: the components may be "re-constituted" by warming gently at ca. 25-30C

The information given in this data sheet is given in good faith and is based upon knowledge and experience of the materials used. However, since the application of the product is beyond the control of Restoration UK Limited, we cannot accept responsibility for any loss or damage resulting from the use of the product outside the scope of its intended use and the precautions contained in this data sheet. www.restorationuk.com - Tel: 01509 217750

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