

# RESIWOOD® TM3 MOULDING MORTAR

## DESCRIPTION:

**TM3 MOULDING MORTAR** is a unique product. It consists of 2 coloured epoxy pastes which when mixed in equal proportions may be shaped and trowelled, or placed, onto existing timber for repairs, filling of holes and the making good of gaps and spaces where decayed timber has been removed from structural members. Cured **TM3 MOULDING MORTAR** can be sanded and treated like wood, i.e. by planing or shaping with a chisel or file.

## PACKAGING:

**TM3 MOULDING MORTAR** is packed in 2 litre units - 1 litre of base 1 litre of curing system, colour coded for ease of mixing. The two components are supplied in separate non returnable plastic containers. Also supplied in box sets of 4 x 2 litre packs (4x1lt base and 4x1lt hardener)

## PREPARATION:

Timber surfaces should be clean, free from dust and loose or friable particles. All decay should be removed. Hard woods such as Oak may require to be primed with **CONSOLIDATING RESIN**.

## MIXING:

Take equal portions by volume from each of the base and curing agent containers. Mix thoroughly by hand as if preparing a dough. Alternatively, for larger volume repairs, empty the contents of both containers onto a clean polythene sheet and with the aid of gloved hands mix as described above until an homogeneous colour is attained.

## APPLICATION:

The mixed **TM3 MOULDING MORTAR** should be placed firmly into the cavity or aperture and consolidated either by hand or with a steel or wooden float. Ensure that the volume of material used is slightly in excess of that required to fill the hole. Final profiling is to be carried out after initial cure. A Thickness of 50mm or more may be installed in one application. On larger areas the finished surface may be improved by patting or smoothing with a spatula or float which has been wetted with water containing detergent.

## COVERAGE:

When the total of both components are mixed together the

stated volume of 2 litres will be produced. As a guide, a complete pack will fill a void of 30mm x 30mm x 2.0m.

## CURE SCHEDULE:

Rate of cure and exotherm will be related to ambient temperature, material temperature and volume of material installed. Profiling and mechanical treatment can be carried out between 4 and 24 hours after installation. **TM3 MOULDING MORTAR** will continue to cure, albeit more slowly, at temperatures down to -5°C.

## CURED PROPERTIES:

Compressive Strength: 4.5N/mm<sup>2</sup>  
Tensile Strength: c 11N/mm<sup>2</sup>  
Flexural Strength: c 27N/mm<sup>2</sup>  
Specific Gravity: 0.8

**TM3 MOULDING MORTAR** will not shrink. It will float on water: it will absorb paint and stain after sanding.

**SPECIFIC USES:** Repair of timber softwood joinery in-situ window frames, replacement of decayed timber, both hardwood and softwood.

## CLEANING OF TOOLS:

Uncured **TM3 MOULDING MORTAR** may be readily removed with Rotafix **S200 PC** Solvent Cleaner. Mechanical methods are required to remove cured material.

**The requirements for a Rotafix product(s) may be specific for an individual project.**

**Advice given by Rotafix can only be considered as part of the contract if it is provided in writing.**

Epoxy resins and their associated curing agents can cause irritation to some people. Please take the necessary precautions indicated in the COSHH details available from our offices.

The information in this document is based on practical tests, but given without guarantee inasmuch as methods of use by others is beyond our control. Due to continuing development and improvements, it may be necessary to change without notice the material specification. All goods are sold subject to our Standard Conditions of Sale.

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## Wykamol Group

Unit 3 Boran Court, Network 65 Business Park, Hapton, Burnley. BB11 5TH

t: +44 (0)845 400 6666 f: +44 (0)845 400 3333

www.wykamol.com e: sales@wykamol.com