

ROCKBOND SCP LTD

FORMULATORS, MANUFACTURERS AND CONSULTANTS OF SPECIAL CONCRETE PRODUCTS

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ROCKBOND EPOXY TIMBER MORTAR

DESCRIPTION:

ROCKBOND EPOXY TIMBER MORTAR (RB ETM) is a specially formulated, two part, epoxy resin mortar system which consists of a hardener and a base. When the hardener component is mixed with the base, a wood pigmented putty is produced which quickly hardens to produce a strong bonding, durable material which is compatible and similar to wood. The compound is used to fill, seal, repair and protect both softwood and hardwood timber. The resin is supplied in 1.8kg/2 litre packs and has a shelf life of 2 years.

SPECIAL PROPERTIES:

- * Pre batched, pre packed, components are colour coded, and ready to use.
- * Quickly and easily mixed, and develops an excellent putty consistency ease of application.
- * Can be moulded, shaped and formed, and applied by trowel, float or gloved hand.
- * Behaves like wood: can be sanded, planed, stained and drilled.
- * Forms a strong permanent bond to wood and other construction materials.
- * Can be used for both cosmetic and structural repairs to wood and timber.
- * Microporous, weatherproof, waterproof, damp proof and resistant to frost.
- * Durable and inert: resistant to aqueous solutions, chemicals, acids and oils.
- * High yielding, economical, non toxic, odour free, user friendly and safe to use.

USES:

- + To repair, seal and protect old and new wood.
- + To fill cracks, voids, holes, gaps and joints in wood and timber structures.
- + To replace and repair damaged, cracked or rotten timber.
- + Patch repairs to wooden surfaces, walls, furniture and floors.
- + To restore the structural integrity of wooden frames, beams, joists, pillars and posts.
- + To produce attractive and aesthetically pleasing finishes to floors and wooden surfaces.

MIXING INSTRUCTIONS:

The ROCKBOND EPOXY TIMBER MORTAR HARDENER (RB ETMH) is mixed with the ROCKBOND EPOXY TIMBER MORTAR BASE (RB ETMB) using gloved hands:

Add all the contents of the hardener, 1 litre (colour coded white) to the base, 1 litre (colour coded brown).
Mix together and work the resin as you would bread dough.
Mix until a homogeneous colour is produced.
The resin is now ready for use.

Alternatively, small amounts of the material can be mixed as and when required. Mix 1 part by volume of the hardener to 1 part by volume of the base.

APPLICATION PROCEDURE:

Remove all defective wood, and traces of contamination from bonding surfaces. Vacuum clean or blow away all dust and debris.

ROCKBOND EPOXY TIMBER MORTAR (RB ETM),

APPLICATION PROCEDURE CONTINUED...

Use ROCKBOND PRIMER LATEX (RB PL) to penetrate, consolidate, strengthen and seal the wood surface. Brush apply the latex completely and evenly over the surface. Work the latex well into the substrate. Pay particular attention to the edges of the repair. Let the latex dry out, usually 15 to 20 minutes depending on conditions. Apply a second coat of latex to the first coat and let dry, and then a third coat and let dry. Normally, 1 litre of ROCKBOND PRIMER LATEX will treat 2.5m² of wood surface with 3 coats of latex.

Mix and apply the resin using gloved hands. Rub and spread the mortar completely over and well into the wood to be filled or repaired. Add and compact further quantities of the material to the repair area, and bring the level of the mortar up to the profile of the surrounding wood. Sections of 50mm or more may be applied at any one time. Spray a rich aqueous solution of detergent onto the surface, and finish using a trowel or spatula.

Depending on conditions, the mortar can mechanically treated, planned or drilled, at between 4 and 24 hours after mixing.

For flowing repairs to wood, use ROCKBOND EPOXY TIMBER GROUT (RB ETG).

TECHNICAL DATA:

TYPICAL DATA at FULL CURE at 7 DAYS at 20°C

CONSISTENCY:	Good Mortar	COMPRESSIVE STRENGTH:	4.5MPa
CONSISTENCY LIFE:	60 minutes	DIRECT TENSILE STRENGTH:	11.0Mpa
DENSITY:	800kg/m ³	FLEXURAL STRENGTH:	27.0MPa

HEALTH, SAFETY AND STORAGE:

Wear goggles, gloves and protective clothing while mixing, handling and applying the material. Contains chemicals that may cause skin irritation. Consult the relevant MSDS for further details. Store in a cool, dry, dark place.

FURTHER INFORMATION:

Should you require further information on this product, or details of other ROCKBOND SPECIAL CONCRETE PRODUCTS, then please do contact our Technical Department:

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<https://rockbond.co.uk/products/rockbond-epoxy-timber-mortar-rb-etm/>

IMPORTANT NOTE:

ROCKBOND SCP LTD provides the above information in good faith and without warranty. The data represents typical values which can be updated at any time, and this information supersedes previous issues. No liability can be accepted for any damage or loss arising from the use of ROCKBOND SCP LTD literature or its products, because the company has no continuous control on how the products are mixed, placed or cured.

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