

**FORMULATORS, MANUFACTURERS AND CONSULTANTS OF
SPECIAL CONCRETE PRODUCTS**

Newton's Farm Estate, Wissington, Nayland, Suffolk.CO6 4LX, England
Telephone: 01206 265116 Facsimile: 01206 265117

Email: info@rockbond.co.uk Website: www.rockbond.co.uk

ROCKBOND EPOXY TIMBER GROUT**DESCRIPTION:**

ROCKBOND EPOXY TIMBER GROUT (RB ETG) is a specially formulated, three part, epoxy resin grout system which is composed of a hardener, base and filler. When the hardener component is mixed with the base and filler, a free flowing, dark green grout is produced, which quickly hardens to produce a strong bonding, durable material which is compatible and similar to the properties of wood. The compound is used to fill, seal, repair and protect both softwood and hardwood timber. The resin is supplied in 4.2kg/2.5 litre packs and has a shelf life of 2 years.

SPECIAL PROPERTIES:

- * Pre batched, pre packed, and ready to use.
- * Quickly and easily mixed to give an excellent flowing consistency for ease of application.
- * Behaves like hardwood: can be sanded 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.
- * Waterproof, weatherproof and resistant to frost.
- * Resistant to aqueous solutions, chemicals, acids and oils.
- * High yielding, economical, non toxic, odour free, user friendly and safe to use.

USES:

- + For flowing repairs to 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.
- + For flowing 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 GROUT HARDENER (RB ETGH) is added to the ROCKBOND EPOXY TIMBER GROUT BASE (RB ETGB) and mixed together using a ROCKBOND SMALL RESIN STIRRER (RB SRS). The filler pack is then added and mixed until homogeneous:

Add all the contents of the hardener to all of the base, and mix until homogeneous.
Add all the filler to the mixed resin, and mix until homogeneous.
(Mix 1 part hardener to 2 parts base to 8 parts filler by weight).
The grout is now ready for use.

APPLICATION PROCEDURE:

Remove all defective wood and traces of contamination from bonding surfaces. Vacuum clean or blow away all dust and debris. Use ROCKBOND PRIMER LATEX (RB PL) to penetrate, consolidate, strengthen and seal the 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 minutes depending on conditions.

ROCKBOND EPOXY TIMBER GROUT (RB ETG) CONTINUED...

Apply a second coat of latex to the first coat, and let dry. Apply a third coat, and let dry. Normally 1 litre of the ROCKBOND PRIMER LATEX will treat 2.5m² of timber surface with a three coat application.

All necessary preparatory work must be completed before the grout is mixed. Shutters and wooden surfaces must be grout proof, and strong enough to contain and support the grout. Use ROCKBOND EPOXY TIMBER MORTAR (RB ETM) to fill and seal any holes, gaps or cracks in the timber that may cause the grout to leak.

Sufficient hydrostatic head must be given to the material to enable it to flow completely through the void to be filled. Make sure that sufficient grout is mixed and available so that the operation can be performed in one continuous pour. Do not apply below 5°C

Depending on conditions, the hardened grout can mechanically treated, cut, or drilled, at approximately 12 to 24 hours after mixing at 20°C. Unwanted grout can be mechanically removed.

For non flowing mortar repairs to wood, use ROCKBOND EPOXY TIMBER MORTAR (RB ETM).

TECHNICAL DATA:

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

CONSISTENCY:	Flowing Grout	COMPRESSIVE STRENGTH:	50MPa
CONSISTENCY LIFE:	45 minutes	DIRECT TENSILE STRENGTH:	17Mpa
DENSITY:	1600kg/m ³	FLEXURAL STRENGTH:	32MPa

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:

Gilbert Cox BSc,
Technical Director,

Rockbond SCP Ltd.,
Newton's Farm Estate,
Wissington, Nayland,
Suffolk, CO6 4LX,
England.

Telephone: 01206 265116,
Facsimile: 01206 265117

Email: info@rockbond.co.uk
Website: www.rockbond.co.uk

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.

MAY 2021