

## GEMREZ TS 1-1 EPOXY TIMBER SEALER

TDSG4159

<b>DESCRIPTION</b>	An effective method of sealing & densifying timber and stopping mould. Penetrates deep into the timber then sets hard. Ideal for rotten areas that can be rebuilt rather than replaced. An excellent barrier coating for all marine situations Use for sealing timber in home building areas where timber might rot. Contains a broad-spectrum biocide which inhibits ALGAL, FUNGAL, and YEAST microorganisms. Overcoat with all paint systems after it is thoroughly dry, provided the surface is sanded and degreased.
<b>TYPICAL USES</b>	Sealing and densifying timber where deep penetration is required.
<b>PERFORMANCE</b>	It can be used as a topcoat in interior situations and saturates all clean dry timbers. Exterior applications should be over coated with single pack TUFECOTE WB ENAMEL or TUFFLOOR 2K PU systems to avoid ultraviolet surface chalking. Excellent penetration and sealing properties. If over coating with a paint system, priming is not required. Do not use below 12 <sup>o</sup>
<b>LIMITATIONS</b>	Exterior requires topcoating.
<b>TECHNICAL DATA</b>	Resin: Epoxy Primer: Not applicable Thinning and Clean Up: Epotec 107 Thinner Potlife: 3-4 Hours @20°C Pack Size: 1,4,8 Cure to Handle: Overnight @20°C/65% RH Mixing Ratio: 1:1 Vol Solids: 60 percent Touch Dry: 5-7 hours @20°C Recoat Time: Overnight @20°C Number of Coats: 2 to 3 Theoretical Coverage: 10 m <sup>2</sup> /litre/coat Wet Film Thickness: 100 microns Dry Film Thickness: 60 microns
<b>SPREAD RATE</b>	First Coat: 10 - m <sup>2</sup> /litre/coat Practical spreading rates will vary depending on such factors as application method, ambient conditions and surface porosity and roughness.

**PRODUCT CODES** 4.153

<b>SURFACE PREPARATION</b>	<p><b>Plywood - Waterproofed-New Unpainted</b> All surfaces must be clean, and free from dirt, grease, and any other surface contaminant.</p> <p>The substrate needs to be profiled to an open uniform surface suitable for priming, and consideration given as to the most appropriate method of preparation that maintains the substrates integrity. Generally, a light sand P220 with Zinc stearate to remove any surface imperfections will suffice. Vacuum or blow down to remove sanding residues. Tac cloth for a final clean.</p> <p>Apply a full coat of specified Primer as per the paint specification.</p> <p>Fill all nail holes and surface imperfections with EPOTEC 2K FILLER applied in accordance with manufacturer's instructions. Allow to dry and sand, dust down.</p> <p>Spot prime filled areas (after fully dry) with the specified Primer again.</p>
----------------------------	---

**Fibre Board-New Unpainted**

All surfaces must be clean, and free from dirt, grease, and any other surface contaminant.

The substrate needs to be profiled to an open uniform surface suitable for priming, and consideration given as to the most appropriate method of preparation that maintains the substrates integrity. Generally, a light sand P220 with Zinc stearate to remove any surface imperfections will suffice. Vacuum or blow down to remove sanding residues. Tac cloth for a final clean.

Apply a full coat of specified Primer as per the paint specification.

Fill all nail holes and gaps with TRUEPREP STOP-IT FILLER or TRUEPREP 2K FILLER applied in accordance with manufacturer's instructions. Allow to dry and sand, dust down. Spot prime filled areas (after fully dry) with the specified Primer again.

**Timber Joinery-New Unpainted**

Interior: Fill nail holes and small cracks with a suitable wood filler. Dry and sand along the grain with a fine sandpaper, to "open" the surface of the timber. Ensure all sanding dust is thoroughly removed by vacuuming, then wipe surface with a tac cloth or blow down and use duster brush to remove all dust.

Exterior: All surfaces must be clean, and free from dirt, grease, and any other surface contaminant.

Inspect the substrate prior to applying any coating system to ensure there is no contamination present and no surface defects exists. Fill as required to provide a uniform surface. Sand the surface to remove contaminants and provide a mechanical key for topcoats.

Wipe surface with a tac cloth or blow down and use duster brush to remove all dust.

---

**COATING TECHNOLOGIES LIMITED**

10 Andromeda Crescent, East Tamaki, Auckland 2013 Ph +64 9 837 0897 [www.cotec.co.nz](http://www.cotec.co.nz)

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if written claim is made within 14 days from the date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.



---

**MIXING INSTRUCTIONS** Mix part A and B separately until smooth and homogenous.

---

**APPLICATION** Brush, Epoxy safe roller or lambswool applicator

**BRUSH/ROLLER**

Wooster Pro-dooz 6-8mm

**PRECAUTIONS**

This is not a gap filling product.

**CLEAN UP**

Epotec 107 Thinner

---

**APPLICATION NOTES** All contaminants must be removed from surfaces to be laminated. A test patch is recommended if the product has not been used before.

Timber to be treated must be clean and dry.

Degrease oily timbers such as teak, if necessary. Check suitability of treated timbers with the timber supplier.

Designed for multiple coating to achieve a full impermeable surface barrier.

May be thinned for initial coating with epoxy solvent, up to 10% by volume. This will assist penetration. Successive coats should be applied "neat". Allow each coat to "tack off" before next coat is applied.

Sanding between coats is recommended. If previous coat is completely cured, then thoroughly sand with 180-280 grit sandpaper before re-application.

Approximately three coats will be required for effective sealing of the timber.

Once cured, fill low areas and joints with EPOXYBOG, sand smooth, fibreglass, if necessary, and topcoat

---

**THINNING** Epotec 107 Thinner

---

**SAFETY PRECAUTIONS** Refer to the Safety Data Sheet for this product prior to use. Please ensure that they are familiar with all aspects concerning safe application of this product, including appropriate personal protective equipment (PPE). If you are unsure about any health and safety aspects of this product, do not use it.

---

**ENVIRONMENTAL** This formulation uses the latest technology with low toxicity, ensuring environmental issues are not compromised. DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET

---



---

**COATING TECHNOLOGIES LIMITED**

10 Andromeda Crescent, East Tamaki, Auckland 2013 Ph +64 9 837 0897 [www.cotec.co.nz](http://www.cotec.co.nz)

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if written claim is made within 14 days from the date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.