



## **TRIBOR PLUS**

### **UNIQUE INORGANIC BORON AND PERMETHRIN BASED WOOD PRESERVATIVE FOR THE CONTROL AND PREVENTION OF ATTACK BY WOOD ROTTING FUNGI AND WOOD DESTROYING INSECTS.**

**TRIBOR PLUS** uses well-established glycol-boron technology with the added, and unique, benefits of a gel formulation and the inclusion of a contact insecticide.

Boron compounds are well established as wood preservatives having excellent activity against wood destroying fungi and insects. **TRIBOR PLUS** has been formulated as an alternative to traditional, bodied emulsion pastes, which have difficulty penetrating damp timber and can have a strong odour. **TRIBOR PLUS** also addresses the one area of potential weakness that existing boron compounds suffer from, by incorporating the contact insecticide; permethrin into the formula. Permethrin boosts the performance of the treatment when control of emergence from heavily insect infested timber is required. The gel consistency of the formulation ensures that adequate loading of the preservative can be obtained using brush or trowel without excessive dripping from the timber or other wastage.

#### **BENEFITS**

- UNIQUE glycol borate and permethrin formula.
- BROAD spectrum of fungicidal and insecticidal activity.
- DEEP penetration into timber, damp or dry.
- CONTACT insecticide for immediate kill within the treatment penetration zone.
- GEL formula for ease of application.
- HYDROCARBON solvent free.
- LOW ODOUR
- NON FLAMMABLE
- NON STAINING, can be overpainted when fully dry.
- 23 TIMES as much boron preservative as many wood pastes.
- SUPERIOR coverage and economy of use when compared to traditional wood pastes.
- NO RE-ENTRY TIME when there are physical or spatial barriers.
- LOW VOLATILITY for long-term efficacy and environmental safety.

#### **DESCRIPTION**

**TRIBOR PLUS** is a 20% w/w solution of Disodium Octaborate and 0.4% w/w Permethrin dissolved/emulsified in mono ethylene glycol, monopropylene glycol and water. **TRIBOR PLUS** has been formulated for use as a surface applied or injected treatment for building timbers (in-situ or new) to eradicate or prevent fungal decay (as part of an overall treatment strategy), and attack by wood boring insects.

The water soluble nature of the boron content plus the hygroscopic properties of the glycol carrier make **TRIBOR PLUS** particularly suitable for the treatment of damp timbers at risk of or suffering from fungal decay in addition to suffering from insect activity. Insects such as Deathwatch beetle (*Xestobium rufovillosum*) are often found to be most active in damp timber. Embedded beams, joist ends, wall plates and lintels etc., which are damp or at risk from moisture ingress can be successfully treated, particularly if the moisture content is considered too high for the use of conventional timber paste. In some instances, where large section timbers are present for example, the use of **TRIBOR GEL** is recommended alongside **TRIBOR PLUS**, to ensure adequate loadings of preservative.

TRIBOR PLUS is low in volatility which means that most of the carrier penetrates into the wood carrying the active ingredients with it, rather than evaporating into the air.

## **USES**

TRIBOR PLUS is suitable for surface or injection application.

**SURFACE:** Applied to timbers by brush or trowel as an alternative to traditional pastes provides protection against fungal decay and insect attack. The gel formula reduces dripping and wastage.

**INJECTION:** Injected into timbers through pre-drilled holes or into natural cavities. Eventually spreads throughout the timber (particularly if damp) and remains active in the long term.

## **APPLICATION**

TRIBOR PLUS may be applied by brush, trowel or injection. Surfaces to be treated should be clean and free from residues of paints or varnishes. Although the product is formulated as a soft gel, overly heavy application will still result in runs and drips, particularly on smooth planed timber and hardwoods where penetration will be slower. Two thinly applied coats may sometimes be better than one thick coat. Apply the product as evenly as possible, to ensure overall protection, and work it well into existing exit holes, end grain, cracks, crevices and joints.

TRIBOR PLUS can be injected into timbers via pre-drilled holes to provide protection against fungal decay and insect attack, especially if the wood is damp. Drill 10-12mm holes, 100mm apart to 2/3 depth of the timber.

When using TRIBOR PLUS as part of a Dry Rot control strategy the key requirements of finding the source of moisture, stopping further ingress and promoting drying out must be adhered to. TRIBOR PLUS is only useful for treating structurally sound timber that is at risk from or has a low level of decay fungi present. When assessing timbers for structural integrity an allowance should be made for the drilling of injection holes.

**NOTE:** Non absorbent surfaces should not be treated with TRIBOR PLUS. In certain circumstances the hygroscopic nature of the unabsorbed glycol carrier may mean that sufficient moisture could be absorbed by the TRIBOR PLUS residue to cause run-off.

## **COVERAGE**

Apply at a rate of 200-250g per square metre\* of timber surface.

Inject into 10-12mm holes at 100mm centres to 2/3 dept of the timber.

\*Equates to approximately 5m<sup>2</sup>/Litre

## **GENERAL INFORMATION**

CLEAN UP:	Water will clean brushes etc.,
SHELF LIFE:	At least 12 months in cool, dry conditions.
PACKAGING:	450g Cartridges, 6kg and 12kg tubs.
HSE No.:	7549
RE-ENTRY TIME:	Ensure there is a physical barrier to prevent contact by unprotected persons and animals until treated surfaces are dry.

*The information given in the 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 Triton Chemical Manufacturing Company, the Company cannot accept any responsibility for any loss or damage resulting from the use of the product outside the scope of the intended use and precautions set out in the Data sheet.*

## **PATENT APPLIED FOR, APPLICATION No. 0229213.4**

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