



TRIBOR 20

INORGANIC BORON WOOD PRESERVATIVE FOR THE CONTROL OF AND PREVENTION OF ATTACK BY WOOD ROTTING FUNGI AND WOOD DESTROYING INSECTS.

TRIBOR 20 is a highly effective biocidal preparation based on inorganic boron and glycol carriers.

Boron compounds are well established as preservatives having excellent activity against wood destroying fungi and insects. When combined with glycol carriers the resultant product has a number of advantages over existing preservatives, including:

- DEEP penetration into timber, wet or dry
- BROAD spectrum of fungicidal and insecticidal activity
- VERY low mammalian toxicity
- PRACTICALLY odorless
- NON-FLAMMABLE and non-staining
- LOW volatility for long term efficacy and environmental safety

DESCRIPTION TRIBOR 20 is a 20% w/w solution of Disodium octaborate tetrahydrate dissolved in monoethylene glycol, monopropylene glycol and water. TRIBOR has been formulated as a surface applied or injected treatment for in-situ building timbers to eradicate and prevent fungal decay (dry rot, wet rots) and attack by wood boring insects.

The water soluble nature of the boron content plus the hygroscopic properties of the glycol carrier make TRIBOR 20 particularly suitable for the treatment of damp "at risk" timbers such as embedded joist ends, lintels, wall plates etc. as well as rafters, joists, plywood and soft or hardwood panels. Timber too damp to be treated with conventional timber pastes can be successfully protected with TRIBOR 20 and/or TRIBOR GEL (see separate data sheet).

TRIBOR 20 is low in volatility (it has a low vapour pressure), which means that the long term protection provided is very high and that vapour production during application is very low.

USES

Surface application to timbers by brush as an alternative to traditional pastes, provides protection against fungal decay and insect attack.

Injected into timbers at risk or under attack from fungal decay and insects. Spreads throughout the timber (particularly if damp) and remains active in the long term.

Microsprayed into inaccessible voids or under timber suspended floors to provide protection against insect attack also used through the microsyringe as a directed treatment onto accessible timbers where a Boron treatment has been specified.

APPLICATION TRIBOR 20 may be applied by brush, MICROSPRAY (see separate data sheet), or dipping. Surfaces of exposed timber should be evenly treated to ensure long term protection. When microspraying relatively small quantities of fluid are deposited onto the timber, if run-off is seen then too much fluid is being applied. Full details of the Microspray technique and specification are available separately. TRIBOR 20 can also be injected into pre-drilled holes to provide protection against dry rot or death watch beetle attack, however, in many cases the use of the more concentrated TRIBOR GEL may be appropriate.

The use of TRIBOR 20 allows for the retention of structurally sound timber infected with dry rot mycelium or hyphae, extensive cutting back is not always necessary. A combination of surface and injection treatment will eradicate an existing outbreak and provide protection for the future. When assessing timbers for structural integrity an allowance should be made for the drilling of injection holes. If in doubt call in a structural engineer.

APPLICATION NOTES

Exposed electrical equipment, junction boxes and wiring joints should be protected during microspraying of TRIBOR 20. As is usual when applying wood preservatives, water tanks should be covered during any spraying activity. Non porous surfaces such as steel beams or painted wood may retain a wet appearance some time after spray application. In certain circumstances on these surfaces the hygroscopic nature of the glycol carrier may mean that sufficient moisture could be absorbed by the TRIBOR 20 residue to cause run-off. Porous and absorbent surfaces will not be affected by this phenomenon.

COVERAGE INFORMATION

By brush (rough sawn)	3- 7sq meters per litre
(smooth)	8-10sq meters per litre
Microspray	7-10sq meters per litre
Dipping	4 hours minimum to a depth at least 750mm beyond embedded end.

GENERAL INFORMATION

CLEAN UP:	Use tap water to clean tools etc.
SHELF LIFE:	12months in cool, dry conditions
PACKAGING:	5litre and 25litre containers.
HSE No:	6242
RE-ENTRY TIME	48 hrs or until surfaces are dry

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