

**WOOD PRESERVATIVE****PRODUCT DESCRIPTION**

TANALITH E is a water-based timber preservative applied by vacuum pressure that contains copper and azole biocides. It is supplied as a concentrated product which is diluted to produce a ready-to-use solution. When impregnated into the timber, the chemical components become fixed within the wood structure and cannot easily be removed. Timber treated with TANALITH E preservative is branded as TANALITH E treated timber.

**PERFORMANCE**

TANALITH E treated timber has an aesthetically pleasing green coloration, the surface of which is clean, non oily and non greasy. It has excellent weathering properties and gives long term protection against fungal and insect attack both in and out of ground contact.

Competent Authorities including those shown below have evaluated Lonza Wood Protection copper azole based preservatives and have confirmed the effectiveness of TANALITH E.

Building Research Establishment (BRE) - England,

Nordiska Träskyddsradet (NTR) - Scandinavia,

College voor de Toelating van Bestrijdingsmiddelen (CTB) - Holland,

FCBA, Institut Technologique Forêt Cellulose Bois-construction Ameublement - France,

Australian Quarantine and Inspection Service (AQIS) - Australia.

TANALITH E has been extensively tested in field tests across Europe, North America and Australasia and is approved in over 30 countries worldwide.

**MAJOR PROPERTIES OF CONCENTRATE****COMPOSITION**

TANALITH E wood preservative contains a copper compound and azole biocides.

**APPEARANCE**

A free flowing, deep blue liquid concentrate.

**MIXING**

Easily diluted with water.

**FLAMMABILITY**

Both the liquid concentrate and the ready to use solution are non flammable.

**PACKAGING**

Supplied in 1,000 litre/1200 kgs Intermediate Bulk Containers (IBCs) or by bulk road tanker.

**STORAGE**

Storage in a frost free environment is recommended. Also, in warmer environments, storage out of direct sunlight is

recommended.

**SHELF LIFE**

24 months when stored at +5°C to +25°C.

**DIRECTIONS FOR USE****APPLICATION**

TANALITH E is supplied as a concentrated liquid and is mixed with water to form a stable treating solution. The ready to use solution is applied to the timber using a vacuum pressure treatment plant.

Guidance on appropriate treatment cycles and other operating and safety handling guidance are given to the individual treater at the time of commissioning.

**QUALITY CONTROL**

Treatment solution strength can be determined on site. In addition, Lonza Wood Protection can carry out checks on solution strength at regular intervals on behalf of the treater to ensure quality standards are achieved.

**STORAGE OF TREATED TIMBER**

After impregnation, the treated material should be stored on a designated drip dry area. It should be protected from rainfall and direct sunlight, especially for high retention end uses, until dry before despatch. This is usually 48 hours.

**HEALTH AND SAFETY ASPECTS**

Wood preservatives are required to be cleared for use by Competent Authorities before the product can be placed on the market. As with all biocides such as wood preservatives, risks will be created if the correct precautions and safe working practices are not followed. These are detailed in the appropriate Safety Data Sheets covering the product and the treated timber.

**ENVIRONMENTAL ASPECTS**

The organic biocides in combination with copper have been specially selected to give optimum performance.

The selection of the biocides takes into account the ultimate fate and disposal of the treated timber with minimum environmental impact.

As with all biocides, care should be taken to ensure that the product does not enter the environment through soil or water courses.

**COMPATIBILITY WITH OTHER PRODUCTS**

TANALITH E concentrate and ready to use solution are not compatible with any chromium based preservatives (eg. CCA, CCB, CC). The use of dual treatment plants is therefore not advised.

TANALITH E treated timber should not further be treated with



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ANTIBLU SELECT products. If timber is treated with a preservative product prior to treating with ANTIBLU SELECT, please refer to Lonza Wood Protection for advice regarding compatibility issues.

## CAUTION

### **CORROSIVITY OF TREATMENT PLANT FITTINGS**

TANALITH E concentrate and ready to use solution are not corrosive to mild steel. Contact of TANALITH E concentrate with yellow metals, eg. brass, must be avoided. With the ready to use solution, it is advisable to inspect the condition of yellow metal parts during routine maintenance and replace with steel if necessary.

### **SAFETY**

Please ensure you have read and understood the associated Material Safety Data Sheets supplied by Lonza Wood Protection prior to using this product.

## FURTHER INFORMATION

For further information please contact Lonza Wood Protection Customer Services at the address below.

# Lonza

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IN CASE OF EMERGENCY TELEPHONE 01235 239670 (24 hours).

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