

TANALITH® E

product description

TANALITH® E is a waterbased timber preservative applied by vacuum pressure that contains copper and azole biocides. TANALITH® E does not contain chromium or arsenic. 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.

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 and confirmed the effectiveness of TANALITH® E.

South African Bureau of Standards - SA
 Building Research Establishment (BRE) - England,
 Bundesanstalt für Materialforschung und Prüfung (BAM) - Germany,
 Nordiska Träskyddsradet (NTR) - Scandinavia,
 Nordic Wood Preservation Council (NWPC) - Scandinavia,
 College voor de Bepaling van Bestrijdingsmiddelen (CTB) - Holland,
 Centre Technique du Bois et de l'Ameublement (CTBA) - France,
 Societa Italiana per l'Esercizio delle Telecomunicazioni p.a. (SIP) - Italy,
 Australian Quarantine and Inspection Service (AQIS) - Australia,
 Japanese Wood Preserving Association (JWPA) - Japan.
 TANALITH® E has been extensively tested in field tests across Europe,
 North American and Australasia and is approved in over 15 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 1000 litre intermediate bulk containers (IBC's) or by bulk road tanker

STORAGE

Storage in a frost free environment is recommended.

SHELF LIFE

12 months when stored at +5 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.

**directions for use
continued...**

SOLUTION STERILANT

It is necessary to include a solution sterilant in the treating solution to protect it against fungal spore development. The exact amount required will be specific to individual sites and recommendations will be provided by Koppers Arch Wood Protection.

QUALITY CONTROL

Treatment solution strength can be determined on site. In addition, Koppers Arch 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

The fixation of TANALITH® E is less temperature dependent than Chromium based products. Copper fixation occurs more rapidly particularly at lower temperatures.

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**

TANALITH® E is a timber preservative which does not contain chromium or arsenic. 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.

caution

COMPATIBILITY WITH OTHER WOOD PRESERVATIVE FORMULATIONS

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

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 Koppers Arch Wood Protection prior to using this product.

further information

TANALITH® E Pressure Treated Timber Code of Practice.

TANALITH® E Pressure Treated Timber Data Sheet.

Further information on this product and the treated timber is available on request at the address below



KOPPERS ARCH WOOD PROTECTION (SA) (PTY) LTD

P O Box 295, Shelly Beach, 4265, South Africa

Tel. +27 (0)39 682 6019 Fax. +27 (0)39 682 6022

E-mail: sales@koppersarch.co.za www.tanalised.com

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