



HIGH PRESSURE PRESERVATIVE TREATMENTS HIGH PRESSURE PRESERVATIVE TREATMENTS



DIP/BRUSH PRESERVATIVE TREATMENTS



By far the most effective way to provide an effective long term protection to timber is by using a high pressure impregnation process in combination with the world's most renown preservative – **Tanalith®**.

Applied to timber within an industrial treatment vessel, **Tanalith®** wood preservative will protect timbers to be used in a wide variety of applications. From construction and fencing end uses to decorative garden and landscaping projects, through to industrial applications, such as transmission poles and water contact timbers.

The resulting **Tanalised®** treated timber has complete protection against all forms of wood decay and insect attack, including termites. The appealing pale green colour of **Tanalised®** timber also blends perfectly into outdoor environments.

Tanalith® preservative is available in a choice of traditional and latest generation formulations to suit the requirements of the African markets.



PRESSURE TREATED TIMBER

Tanalith® C is a chromated copper arsenate (CCA) based products with a proven performance record going back over 50 years as an effective and cleaner alternative to creosote for the protection of industrial and engineering timbers, such as transmission poles.



PRESSURE TREATED TIMBER

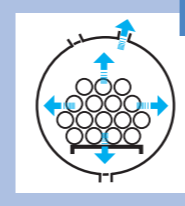
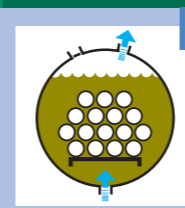
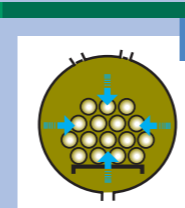
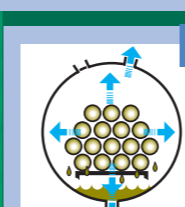
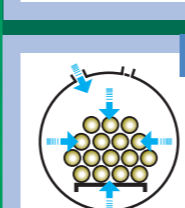
Tanalith® E is modern and proven preservative based on Arch's patented copper triazole technology. **Tanalised® E** treated timber is now approved and used in over 30 countries worldwide to protect all timbers used in above ground, in ground or even water contact applications. **Tanalith®** preservatives and **Tanalised®** treated timber meet a wide range of International Standards for wood protection.



HIGH PRESSURE TREATMENT PROCESS



TREATED TIMBER

-  Timber is loaded into an industrial treatment vessel and a vacuum is applied, evacuating the timber cells of air.
-  The vessel is flooded under vacuum with **Tanalith®** wood preservative.
-  Hydraulic pressure is applied driving the preservative deep into the timber cells. The treatment time is varied depending upon the end use of the timbers being treated.
-  A final vacuum extracts excess preservative solution which is then safely pumped back to storage.
-  Low pressure inside the timber draws in surface preservative solution when the vessel is vented to atmosphere. The treated timber is left to dry and the highly effective preservative becomes locked within the timber cells.

Dip or even brush treatments can still provide an effective protection to timbers used out of ground contact. **Resistol®** is a latest generation timber preservative from Arch that will provide a simpler to apply and cost effective protection to construction and framework timbers.



TREATED TIMBER

A unique, metal free preservative based on modern organic fungicides and insecticides, **Resistol®** can be applied by a dipping process to protect constructional timbers against insect and termite attack, as well as fungal decay. It can also be simply brush applied to timbers such as furniture and doors.



Extensive testing to French and other European Standards has proven the excellent performance credentials of **Resistol®** treated timber and resulted in a full CTBA approval – your guarantee of quality.

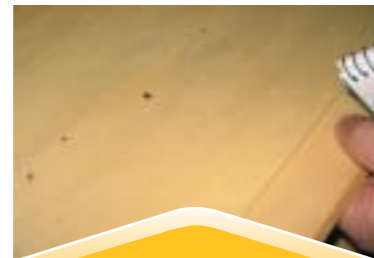
Available as either a clear or coloured treatment **Resistol®** is suitable for the treatment of constructional timbers used under cover and above ground contact.





INITIAL PROTECTION OF HARVESTED TIMBERS.....

Timber is a valuable commodity. After harvesting, its immediate protection from wood boring insects and discolouring wood staining fungi is critical in maintaining its commercial value. Arch offers a choice of products that will help achieve this short term protection, prior to subsequent preservative treatments, which provide longer term protection.



INSECT PROTECTED TIMBER

Wood boring insects can attack freshly cut logs and sawn timbers creating small and unsightly mark and recesses into the wood. **Antiborer** is applied to logs as a spray insecticide that will prevent this type of attack and help maintain timber's attractive appearance. It can also be used in conjunction with **Antiblu Select** by dip application.

Antiblu Select is a unique timber protection product, applied by a dip or deluge process. It is extremely effective in protecting newly harvested and sawn timbers against sapstain (often called blue stain), as well as mould fungi.

Trials of ANTIBLU[®] SELECT treated timber against untreated timber after a 3 month period.



STAIN PROTECTED TIMBER

Antiblu Select treated timber has been extensively tested in many independent field trials under a range of climatic conditions and is fully accepted throughout international markets.

Supplied as an easy to dilute concentrate of highly effective fungicides **Antiblu Select** maintains the natural colour and appearance of the timber throughout its seasoning, storage and transport processes.



FURTHER INFORMATION

More details on each of these Arch Timber Protection products and their application technology are available by contacting Arch Timber Protection directly at the address below or by visiting the Arch web site at www.archtp.com



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ARCH TIMBER PROTECTION

Part of the worldwide chemicals company Arch Chemicals, Inc., Arch Timber Protection is the leading supplier of products and processes for the effective protection of timber, with a choice of treatments to help make the most of timber.



PRESSURE TREATED TIMBER



PRESSURE TREATED TIMBER



TREATED TIMBER



INSECT PROTECTED TIMBER



STAIN PROTECTED TIMBER

Leading brand preservative products such as **Tanalith** and **Resistol** can be used to effectively treat timber and provide long term protection against decay and insect attack. The resulting treated timber can be used with confidence in every possible timber end use situation, from internal building timbers to timbers used in both ground and water contact applications.

Products such as **Antiborer** and **Antiblu Select** can also provide extremely effective initial protection to freshly harvested timbers against wood boring insects and staining fungi, which can affect timber's commercial value.



All these new generation protection products, applied by either pressure impregnation, dipping or brush/spray methods, have been developed by Arch's own research personnel to provide its customers with a real choice to suit their own timber business.

