

PRESSURE TREATED TIMBER

Unique timber protection



Arch
Timber
Protection

TANALISED Clear treated timber



PRESSURE TREATED TIMBER

TANALISED Clear pressure treated timber is protected by TANALITH M, a unique, metal free wood preservative based on advanced and innovative formulation technology.

TANALISED Clear has the appearance of natural, untreated timber but with the benefit that it can be used in above ground, outdoor applications without the need for a coating because the unique mode of action of TANALITH M preservative provides built-in aesthetic properties.

The performance of TANALISED Clear pressure treated timber has been independently confirmed in laboratory tests against prescribed fungi and insects as required by British/European standards for wood preservatives.

Arch also believes that field trials are crucial to accurately assessing the in-service practical performance of its products. TANALISED Clear pressure treated timber is no exception as its performance in the field has been independently verified.

Main Features

- Proven performance against fungal decay and insect attack.
- Natural looking timber that significantly delays the onset of staining, helping timber to look fresher and cleaner for longer.
- Consistent treatment; applied under controlled conditions in a pressure treatment plant.
- Ideal for exterior, out of ground contact applications including **cladding, shingles, garden buildings, deck boards, deck components** and **playground timbers**.



Field tests used to assess the aesthetic and protection performance of cladding and decking timbers

TO SPECIFY, the following wording is recommended . . .

- The timber as detailed . . . (insert quantity, dimensions, species, end use/description of component) . . . is to be vacuum/pressure treated with TANALITH M preservative to comply with the Treatment Code . . . (insert "TM" Code from the chart opposite).
- Following treatment, any areas of treated timber revealed by cross cuts, holes, notches, shall be brushed with ENSELE Clear end-grain preservative.
- Timber which is rip sawn, equalised, planed or heavily sanded must be returned to the treatment plant for re-treatment.

Timber is the most environmentally friendly and sustainable construction material available.

The problem

There are some fungi that feed on the content of wood cells and rather than cause decay problems they disfigure and discolour the timber, making it unsightly and unappealing. They are often referred to as staining fungi.

The research

Over the last decade Arch has been developing a new wood preservative that would not only provide traditional protection against wood decay and insects, but also leave the timber with a natural appearance and allow it to be used outdoors without a coating.



Untreated Pine cladding after just 9 months exposure displaying dark and unsightly staining.



TANALISED Clear treated Pine cladding after 36 months exposure.

The solution

TANALITH M – an innovative and proven wood preservative that provides the added advantage of keeping the timber looking cleaner and brighter for longer. Extensive field testing has shown that TANALISED Clear pressure treated timbers, in a variety of species, have achieved an extended period of stain free protection. Over this period the timber develops a distinctive and attractive sun lightened appearance.

From these field tests, TANALISED Clear pressure treated timber has also proved to more than meet the requirements of European Standards in terms of preservative protection. It can be used in Use Class 1, 2 and 3 situations. However, its main applications are likely to be for Use Class 3.2 applications – exterior timbers, above ground contact and uncoated.

Specifications are available to give a desired service life performance against decay and insect attack: 30 years can be expected for out of ground cladding and cedar shingles and 15 years for out of ground decking timbers, such as deck boards, out of ground contact playground timbers and timbers used for garden buildings, in line with current standards.

Useful documents

The TANALISED Clear and TANALITH M pressure treated timber and plywood Code of Practice provides full details on the properties and handling of TANALISED Clear pressure treated timber.

Any treated timber surface exposed by cross-cutting, drilling, notching or boring must be brushed with ENSELE Clear end-grain preservative to maintain the integrity of the treatment.



COMPONENT GROUP	USE CLASS	COMPONENT DETAILS	TREATMENT CODE	DESIRED SERVICE LIFE
Buildings	3.2	Cladding	TM/A	30 years
	3.2	Cedar shingles	TM/A	30 years
Decking	3.2	Deck boards, balustrades	TM/A	15 years
Garden/landscaping structures	3.2	Sheds, cabins, summer houses, pergolas, bridges	TM/A	15 years
Playground equipment	3.2	Platforms, supports, ramps/bridges, housing	TM/A	15 years

SPECIFICATIONS AND STANDARDS

TANALITH M preservative is tested in accordance with the requirements of BS EN 599, including extended field trial testing. TANALISED Clear pressure treated timber is treated in accordance with the penetration and retention requirements given in BS 8417. Care should be taken when specifying timber species to ensure that these can be treated in accordance with these penetration and retention requirements. Use Classes are defined in BS EN 335. TANALISED Clear pressure treated timber meets NBS (Z12), NHBC, Zurich and WPA National Specifications. Arch advises specifiers/users to ask for a confirmation of treatment from the supplier as part of the specification/purchase process.

DESIRED SERVICE LIFE

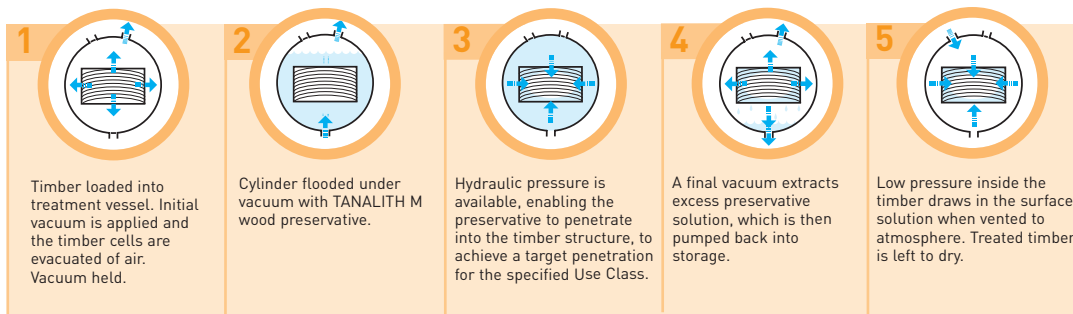
The desired service life does not provide a guarantee of performance but an indication of the expectation against which the recommendations for timber treatment are drawn up, assuming good design and normal conditions of use.



PRESSURE TREATED TIMBER

High pressure preservative treatment process

TANALISED Clear pressure treated timber is impregnated with TANALITH M preservative under controlled conditions by vacuum high pressure technology in an enclosed system.



Availability of TANALISED Clear pressure treated timber

For details of your nearest supplier, please contact Arch at the address below.



Arch
Timber
Protection

Wheldon Road, Castleford, West Yorkshire, WF10 2JT.
Telephone (01977) 714000 Fax (01977) 714001
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www.archtp.com



BS EN ISO 14001
Reg No EMS 539413



BS EN ISO 9001
Reg No FM 1636

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