

TANALITH® C

1.0 Description

Long-term protection against wood-boring insects, termites, fungi and marine borers

1.0 DESCRIPTION

Composition: Chromated copper arsenate
Appearance: Orange brown paste
Odour: Slight metallic
Density: ~2 g/ml at 2% solution
Solubility: Highly soluble in water
pH: ~ 2 @ 2% solution

2.0 Function

2.1 General

Tanalith® C is a copper/chromium/arsenate (CCA) product, formulated in a paste formulation. The product is diluted in water and pressure treated into timber with a vacuum pressure impregnation plant. The combination of the three actives provides long term protection against wood boring insects, termites, fungi and marine borers.

2.2 Application

Tanalith® C treated timber is suitable for all end uses of timber from in ground applications such as piles, utility posts, retaining walls, fences as well as above ground applications like roof trusses and decks.

3.0 Benefits

- Outstanding durability under all conditions
- Provide the optimum preservative efficacy
- Protection against destroying fungi, soft rots, borers and termites
- Optimum fixation and minimum leaching
- Can be glued or painted
- Odourless

Lonza Wood Protection provides services such as plant commissioning, training on plant operation, quality control, treatment methods, hydrometer chart, charge sheet and Treatment Certificate. Our laboratory is equipped to test for dry salt retention as well as penetration of CCA in treated timber.

4.0 Directions for Use

Tanalith® C is diluted in water and pressure treated into timber with a vacuum pressure impregnation plant.

Table 1 : Mixing Table

Concentration (% w/v)	Weight of Tanalith® (kg)	Volume of water (Litre)
3	100	3167
5	100	1900
6	100	1583
8	100	1188
10	100	950
12	100	792

Table 2 : Preservative retention and penetration requirements*

Commodity class	Hazard Class	Use or location	Description	Min DSR (kg/m ³)	Min Penetration (mm)
C1	H6	Marine environment subject to attack by organism and fungi	Marine piles Timber in sea water installation	32.0	20
C2	H5	Ground contact or in other situation favourable to decay and insect contact but not in contact with sea water	Transmission poles, underground mining timber, exterior timber in fresh water installations Interior timber subject to frequent Wetting, exterior always wet	16.0	20
C3	H5	Ground contact but not in contact with sea water	Foundation piles		
C4	H4	Timber for exterior use in ground contact but not in contact with sea water	Exterior timber in ground contact but not in contact with sea water, timber for agricultural use, transport and refrigeration timber	12.0	10
			Transport and refrigeration timber	8.0	10
C5	H3	Timber for exterior use but not in contact with either ground or sea water	Exterior timber not in ground contact	8.0	6
C6	H2	Timber use in the interior and Protected from the weather	Interior timber out of ground contact	5.6	6

*extracted from MS360



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If any cutting, notching or drilling is made to the timber following treatment then any exposed surfaces should be liberally swabbed with Enseal® AZ end grain preservative to maintain the integrity of the treatment.

5.0 Safety & Handling

Please refer to material safety data sheet for further information.

Tanalith and Tanalised are registered trademarks of Arch Timber Protection Plc, Wheldon Road, Castleford, Yorkshire, UK.

