



# INFORMATION SHEET

## Tanalised® H3.2 CCA Treated Wood Products



### Commitment

McAlpines is committed to supplying robust, high quality H3.2 treated wood products in compliance with New Zealand Standards for use in common building, landscaping, fencing and rural applications.

We are audited producers under the New Zealand Standard Operating Procedures for timber grading and treatment.

### Tanalised® CCA

CCA stands for copper chromium arsenate which has been in use in New Zealand for over 50 years and has a proven record of safety and performance when used as recommended. Tanalised® is the best known and trusted name for wood treatment and means that the treated wood products are highly resistant to decay and insects for decades.

### Hazard Class H3.2

For structural wood products used in above ground but exposed to weather and moisture treatment to H3.2 is required to ensure long life and trouble free service. Typical examples include joists for bearers for decks, pergola beams, fence rails, fence palings and trellis. Note that a higher treatment level (H4) is recommended if the timber will be in close ground proximity (< 150 mm of finished ground level).

### New Zealand Product Specification

New Zealand Radiata pine sawn timber sections treated with Tanalith® CCA Oxide wood preservative as per NZS3640 Section 6.3;

- Preservative retention minimum of 0.37% m/m as CCA total active elements.
- Preservative penetration – complete sapwood penetration.

McAlpines H3.2 treated timber can be supplied rough sawn and wet (>24% moisture content) or dressed-all-round (DAR) and dry (< 21% moisture content).

### Product Selection

Where ever possible the treated wood products should be used in their standard form as supplied. If subsequent cutting to length, rebates or bolt holes are formed the freshly exposed surfaces should have an in-can remedial preservative applied such as En-seal Clear or Green. McAlpines treated wood products must not be rip sawn or re-manufactured from their original dimensions. For structural spans and spacing, bearer and joist sizes or other structural allowances, consult NZS3604, an approved Radiata pine design guide, an engineer or building designer, your territorial authority or McAlpines for further information.

## Approved Production Plant

McAlpines operates a comprehensive wood processing and treatment operation in compliance with relevant industrial consents and approvals. We are an approved NZ Timber Preservation Council (Woodmark) audited producer (numbers 700 McAlpines Timber & 689 McAlpines Rotorua).

## Product Warranty

McAlpines provides a 50 year limited guarantee on our H3.2 CCA treated structural Radiata pine. Contact McAlpines for further details.

## Typical End Uses

McAlpines H3.2 CCA treated timber products are ideal for common outdoor residential, commercial and other building applications requiring robust protection against decay (also consult NZS3604 for details of use in framing).

- Deck bearers and joists.
- Pergola and veranda beams.
- Fence palings, fence rails and handrails.
- Framing (as an alternative solution to H1.2)

## Benefits of McAlpines H3.2 CCA Treated Wood Products

- Long lasting and robust in New Zealand conditions which are known to be severe for decay and rot.
- Natural appearance ideal for outdoor use.
- Easy to paint or stain for enhanced appearance.
- Easy to work with and low maintenance.
- Suitable for use around children, pets and animals.
- Manufactured from a renewable resource.

## Fasteners and Fixings

All metal fasteners and fixings used with H3.2 treated wood must be hot dipped galvanised steel as a minimum. For items that will be difficult to maintain or replace, or where additional corrosion can be expected such as with proximity to the sea, stainless steel (AISI 304 or type 316) is recommended. Do not use aluminium in contact with CCA treated wood.

## Safety and Handling

Avoid breathing wood dust when machining, sanding or sawing treated wood. Wear a filter mask if necessary. Protect eyes from flying particles when using high speed tools. Wash wood dust off hands and clothes and wash hands after handling the products and before eating or drinking.

## Waste Disposal

Do not burn treated wood wastes or off-cuts. Burning treated wood may produce toxic fumes and residues. Redundant pieces and wood waste should be disposed through normal waste collection and disposal services.

*Tanalised® is a trademark of Lonza Group or its affiliates. April 2018*



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