INFORMATION SHEET
Tanalised® H4 CCA Treated Wood Products

Commitment
South Pine is committed to supplying robust, high quality H4 treated wood products in compliance with New Zealand Standards for use in common building, landscaping, fencing and rural applications.

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 H4
For wood products used in ground contact or even in close proximity to ground level (<200 mm) treatment to H4 is required to ensure long life and trouble free service. Typical examples are fence posts and landscaping timbers. Note that a higher treatment level (H5) should be used some critical end uses such as building foundations, engineered retaining walls, deck support posts and if the timber will be in permanent fresh water contact.

New Zealand Product Specification
New Zealand Radiata pine sawn timber sections treated with Tanalith® CCA Oxide wood preservative as per NZS3640 Section 6.4;

Preservative retention minimum of 0.72% m/m CCA total active elements.
Preservative penetration – complete sapwood penetration and at least 10mm from any surface. Unpenetrated heartwood is allowable if it comprises less than 20% of the cross section of the piece.

South Pine H4 treated timber is supplied rough sawn and wet (>24% 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 Enseal Green. It is strongly recommended not to put a cut face in ground contact. In no circumstances should South Pine treated wood products be rip sawn or re-manufactured from their original dimensions. Note that H4 level treated wood products should not be used in a critical structural application. Consult a design guide, your territorial authority or South Pine for further information.

Approved Production Plant

South Pine 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) producer (license number 698). This ensures consistent quality production and product traceability.

Typical End Uses

South Pine H4 CCA treated wood products are ideal for common residential and rural applications involving ground contact or proximity such as the following;

Landscaping, sleepers, garden edging, garden boxes, low height retaining walls and similar.
Sawn pergola and veranda posts.
Parking barriers and edging.

Benefits of South Pine H4 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 and rural use.
Easy to work with and low maintenance.
Manufactured from a renewable resource.

Fasteners and Fixings

All metal fasteners and fixings used with H4 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 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. Household or small trade volumes of treated wood waste should be disposed through normal waste collection and disposal services. Industrial or large trade waste generators may need approval from your territorial or waste authority.

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