

Product name	150x50 Radiata Cut of Log (COL) H4 TW RS
Product line	New Zealand Radiata Pine Non- Structural Timber
Product identifier	150x50 Radiata Cut of Log (COL) H4 TW RS
Product Class	Class 1

Building Product Information Sheet (BPIR)

Description

COL H4 Radiata timber is a New Zealand Pinus Radiata Rough-Sawn wood product. This product is **not a structural grade timber**. Cut of Log (COL) means that the timber is green-sawn and ungraded and contains a range of cuttings and mixes of grades. The H4 CCA level of treatment allows for the wood to be used where it will be exposed to, and in contact with weather and ground moisture. In these situations, H4 CCA is required to ensure a long life and trouble-free usage.

Manufactured from plantation grown New Zealand Radiata Pine. • Compliant with New Zealand Standards

When used in an in-ground situation, All H4 timber is considered NON-STRUCTURAL.

This timber has been pressure treated to H4 Level. The timber is not re-dried after treatment, so the moisture content is typically very high – more than 30-40%. COL timber can be used for a selection of applications where timber dimension, grade (COL) and treatment (H4) are specified by an Engineer or Designer and where the application meets the New Zealand Building Code/ NZS3640

- Non -Structural Landscaping timber
- Fencing rails
- Concrete boxing
- Garden boxes
- Edging

Relevant Building Code Clauses

- B2 Durability — B2.3.1 (a)
- F2 Hazardous building materials — F2.3.1

Contributions to Compliance

150x50 Radiata Cut of Log (COL) H4 TW RS

Clause B2 (Durability)

The treated wood is guaranteed to withstand insect attack and fungal decay and remain fit for purpose for these periods when installed correctly. This is conditional on the timber having been treated to reach or exceed the Hazard Level H4 requirements of NZS3640.

Contributions to Compliance

150x50 Radiata Cut of Log (COL) H4 TW RS

Clause F2.3.1 (Hazardous building materials)

Chromate Copper Arsenate (CCA) is a preservative that has been used extensively around the world for more than 80 years and has stood the test of time.

Radiata Cut of Log (COL) H4 TW RS is NOT considered a hazardous material and is safe to use, especially when simple Health and Safety protocols are in place:

- Eyes: Wear non-fogging goggles, full face shield, or safety glasses with side shields when cutting this product.
- Hands and Skin: Wear protective clothing such as overalls and shirt with sleeves, also closed in footwear. Wear puncture-resistant gloves (e.g. Leather) when handling dry wood.
- Respiratory: Use in well-ventilated area or outside. Wear a class P1 or P2 replaceable filter or a disposable face piece respirator should be worn if wood dust is generated.
- General: Wash hands before eating, drinking, smoking, using the toilet and at the end of the shift.
- Ensure clothing exposed to CCA sawdust is washed separately.
- Do not dispose of offcuts by burning, use approved landfills only and do not use as 'mulch' for gardens.

Scope of Use

150x50 Radiata Cut of Log (COL) H4 TW RS

Radiata Cut of Log is H4 CCA Treated. CCA is a non-hazardous product that has been used in New Zealand for over 50 years with a proven safety record when used as recommended. CCA is often referred to as 'Tanalised'. This treatment provides effective timber preservative and resistance to fungal decay and insect attack. The preservative formulation is applied to timber using a controlled vacuum pressure process in an industrial timber treatment plant that ensures deep penetration without compromising the integrity of the wood.

COL H4 CCA TW RS is most commonly used in above ground landscaping, fence rails and some rural applications where there is contact with the ground or with fresh water.

The benefits of COL H4 CCA TW RS Pine Timber are:

- It is long lasting and robust in New Zealand conditions which are recognised as being severe for wood rot and decay.
- Its natural appearance makes it ideal for outdoor structures.
- Painting or staining for enhanced appearance are easy to apply.
- Low maintenance and easy to work with.
- Made from a renewable resource.

This product is NOT to be used as a structural product.

Conditions of Use

150x50 Radiata Cut of Log (COL) H4 TW RS

- COL H4 CCA Timber should be used where the timber will be <200mm off the ground.
- All metal fasteners and fixings must be hot dipped galvanised steel as a minimum. Where items will be difficult to replace or maintain or where greater levels of corrosion are expected such as structures near to the sea, stainless steel fixings are a minimum. DO NOT USE ALUMINIUM in contact with CCA treated wood.
- Treated wood products should be used in its final shape and form as supplied. If subsequent cutting to length rebates or notch holes are formed for required for fitting and installation, exposed cuts should have an in can remedial preservative applied. IN NO CIRCUMSTANCES should H4 CCA treated timber be rip sawn or re-manufactured from the original dimensions.
- It is the responsibility of the builder to purchase the correct grades and treated levels from the supplier and install them according to the consented design/plan Where timber grades have not been specified, builders should ask the designer to redesign in available grades and amend the consent.
- Design responsibility lies with the client and the professionals that they engage. The specifier for the project must ensure that the details in the specification for their individual projects are appropriate for the intended application. The specifier must also ensure that additional detailing is provided for specific design or any areas that fall outside the scope and specifications of normal H4 CCA Timber

This product is NOT to be used as a structural product.

Contact Details

Manufacture location	New Zealand / Aotearoa
Legal and trading name of manufacturer(s)	Max Birt Sawmills Ltd
Manufacturer address for service	155 State Highway 2, Pokeno, Waikato 2471
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Manufacturer phone number	092947800
Manufacturer NZBN	9429040393711

Documentation

- **Asure Quality**
<https://www.asurequality.com/industries/forestry/>
Forestry Timber Certification
- **Building Performance**
<https://www.building.govt.nz/building...>
Certification Design Maintenance
- **Koppers FramePro Brochure**
 - <https://www.kopperspc.co.nz/pdfs/SDS-CCA-Treated-Wood.pdf>