



## Building Product Information Sheet (BPIR)

<b>Product Name(s)</b>	<b>Radiata Pine CC4/3.2 Treated Wet Merch/Prem</b>
<b>Product Line</b>	New Zealand Radiata Pine Landscaping Timber
<b>Product Identifier(s)</b>	<b>CC4/3.2 TW RS Merch/Prem/Post/Rail</b> <b>CC4 TW GGD Merch/Prem</b> <b>CC4 TW TGV Retaining</b> <b>CC3.2 TW FC/TC Prem</b> <b>UT GS/RS Boxing</b>
<b>Product Grade(s)</b>	Merchantable (Merch) Premium (Prem), Retaining, Boxing, Post/Rail
<b>Treatment Type</b>	CCA
<b>Product Class</b>	Class 1
<b>Product Sizes</b>	Rough Sawn: 50x25, 75x25, 100x25, 150x25, 200x25, 250x25, 300,25, 50x40, 75x40, 75x50, 100x50, 150x50, 200x50, 100x75, 100x100 Machined: 140x19, 190x19, 45x35, 65x35, 140x45, 190x45

### Description

Kiwi Lumber Radiata Pine CC4 Treated Timber is ideal for common residential and rural applications involving ground contact or proximity such as:

- Landscaping
- Sleepers
- Garden Edging
- Garden boxes
- Low height retaining walls (and similar)
- Sawn pergola
- Parking barriers and edging
- Fence Posts and Palings
- Fence and Trellis Capping

The radiata pine milled by Kiwi Lumber is sourced entirely from renewable plantations within New Zealand. Graded for quality assurance – compliant with New Zealand Standards.

### Relevant Building Code Clauses

- B1 Structure — B1.1, B1.2, B1.3.1, B1.3.2, B1.3.3 and B1.3.4.
- B2 Durability — B2.3.1 (b)

## Contributions to Compliance

### **Clause B1 (Structure)**

Kiwi Lumber employs independent testing, and quality control to meet with New Zealand standards for wood treatment, grading and processing.

- When Kiwi Lumber CC4/3.2 TW Timber is used correctly as it is engineered and designed to, it is designed to safeguard people from injury and loss of amenity and protection of other property.
- Kiwi Lumber CC4/3.2 TW Timber is required to fulfil the functional requirements of buildings throughout their lives, visual grading, preservative treatment and correct installation and design.
- When used in accordance with NZS3604.2011 there is low probability of a building rupturing, becoming unstable, losing equilibrium, or collapsing during their intended duration when the correct product is used for its intended use.
- Timber strength, suitability, treatment, and design when used in accordance with NZS3604 standards, means that a Timber deck causing a loss of amenity through undue deformation, response to vibration, degradation or other physical characteristics throughout their lives when the building is in use is prevented to the best possible level.

### **Clause B2 (Durability)**

CC4/3.2 TW is guaranteed to meet the requirements of Clause B2 of the Building Regulations 1992, Schedule 1 of the Building Code, specifically to the building elements having, with normal maintenance, to continue to satisfy the performance requirements of the Building Code. In particular, to Clauses B2.3.1 of the clauses:

B2.3.1(a) – the life of the building, being not less than 50 years.

B2.3.1(b) – 15 years in some circumstances where building elements are moderately difficult to access or replace.

B2.3.1(c) – 5 years in some circumstances where elements are easy to access and replace.

For greater detail, refer to Clause B2.3.1 of the Building Regulations 1992.

Kiwi Lumber products use preservative treatment in accordance with AS/NZS1604.2021 Preservative treated wood-based products and meet the B2 Durability requirements.

## Conditions of Use

When used in construction, particularly work deemed to be Restricted Building Work (RBW) as defined in the Building (Definition of Restricted Building Work) Order 2011 it's use should be in accordance with the specifications set out in NZS3604.2011 Timber framed buildings or NZS/AS1720 Part 1.2022 Timber structures.

## Limitations of Use

### **Radiata Pine CC4/3.2 Treated Wet - Clause F2.3.1 (Hazardous Building Materials)**

- CC4/3.2 Treated Wet Timber of Radiata Pine should not be used where it will be subject to loadings that are above design limits as specified in NZS3604.2011 Timber Framed buildings or NZS/AS1720 Part 1.2022 Timber Structures
- Do NOT use aluminium in contact with CCA treated wood.

## Scope of Use and Maintenance Requirements

Kiwi Lumber CC4/3.2 TW Timber is Kiln Dried and treated wet. This treatment provides effective timber preservative and resistance to fungal decay and insect attack. The preservative formulation is applied to dry timber using a controlled vacuum pressure process in an industrial timber treatment plant that ensures deep penetration without compromising the integrity of the wood.

CC4/3.2 TW Timber is a visually graded timber to ensure that the wood is straight, and the dimensions are accurate so that it can be effectively used for residential and commercial building for walking platforms.

The benefits of CC4/3.2 TW Timber are optimised by maintaining regularly to ensure continued amenity and safety for users. This maintenance should involve frequent sweeping and washing to prevent the buildup of dust and debris, especially within grooves, that could compromise safety and durability. Oiling or staining timber is not essential.

- Store off the ground and cover to protect from water and allow for ventilation.
- Protect pre-cut and pre-nailed frames.
- Avoid ponding of water on floors.

Wherever possible, the treated wood products should be used in their standard form as supplied. If subsequent cutting to length, holes, rebates, notches, machining etc, are formed the freshly exposed surfaces should have an in-can remedial preservative applied.

All metal fasteners and fixings used with CC4/3.2 TW Timber 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 proximity to the sea, stainless steel is recommended. Details on the correct type of fasteners is given in NZS3604.

All CC4/3.2 TW Timber complies with the design requirements of NZS3604:2011 Timber Framed Buildings. The engineering properties are contained in NZS3603:1993 A4 and are verified by the process specified in NZS3622:2004 A1.

CC4/3.2 Treated Radiata Pine Timber is not subject to a warning or ban in terms of S26 of the Building Act 2004

### Contact Details

<b>Manufacturer Location</b>	New Zealand / Aotearoa
<b>Legal and Trading name of manufacturer (s)</b>	Kiwi Lumber Holdings Ltd Kiwi Lumber (Dannevirke) Ltd Kiwi Lumber (Masterton) Ltd Kiwi Lumber (Putaruru) Ltd Kiwi Lumber (Gisborne) Ltd
<b>Manufacturer address for service</b>	First Floor, 205 Hastings Street South Hastings 4122
<b>Manufacturers Website</b>	<a href="http://www.kiwilumber.co.nz">www.kiwilumber.co.nz</a>
<b>Manufacturers Email</b>	<a href="mailto:sales@kiwilumber.co.nz">sales@kiwilumber.co.nz</a>
<b>Manufacturers phone number</b>	0800 222 612
<b>Manufacturer(s) NZBN</b>	9429037656799 (Holdings) 9429039123466 (Dannevirke) 9429035290230 (Masterton) 9429037716844 (Putaruru) 9429048270083 (Gisborne)

### Documentation

- **NZ Timber Preservation Council Inc**  
[NZ Timber Preservation Council \(nztpc.co.nz\)](http://nztpc.co.nz)  
Timber Preservation Information
- **Building Performance**  
<https://www.building.govt.nz/building>  
Certification Design Maintenance
- **Koppers FramePro Brochure**  
<https://www.kopperspc.co.nz/pdfs/Fram...>  
<https://www.kopperspc.co.nz/resources/sds.html>  
[https://www.kopperspc.co.nz/pdfs/Koppers\\_NZ\\_Warranty.pdf](https://www.kopperspc.co.nz/pdfs/Koppers_NZ_Warranty.pdf)  
Maintenance Test results/resources/warranty
- **Grade Right NZ Ltd Grade Verified Information Sheet: Visual Grade Program**  
<https://www.graderight.co.nz/home/>  
Certification Installation Test results