



Building Product Information Sheet (BPIR)

Product Name	Radiata Pine CC3.2 Treated Wet Decking (Grip Tread/Gauged)
Product Line	New Zealand Radiata Pine Decking Timber
Product Identifier	CC3.2 TW GPT/GGD
Product Grade(s)	Premium (Prem) and Merchantable (Merch)
Treatment Type	CCA
Product Class	Class 1
Product Sizes	150x40, 100x40, 100x25

Description

Decking boards of preservative treated Radiata pine are used as an open platform projecting from an exterior wall of a building and supported by framing. A deck may be over enclosed internal spaces or may be open underneath. Decks are most frequently built at ground levels but often slightly elevated and so the timber must have weight bearing properties as well as durability. (Note this sheet relates to decking boards only and not to the structural timbers used to build decking support structures/sub floor framing).

Manufactured from plantation grown New Zealand Radiata Pine. Kiln dried Radiata Pine. Visually 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

Radiata Pine CC3.2 Decking (Grip Tread/Gauged) - Clause B1 (Structure)

- Strict internal standards are maintained for quality control of all Decking Timber. Lumber treated by Kiwi Lumber meets multiple quality assurance standards. These schemes ensure that our plant, systems, independent testing, and quality control all meet with rigorous New Zealand standards for wood treatment, grading and processing.
- When Decking 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.
- Decking 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 an exceptionally low probability when used correctly of a building rupturing, becoming unstable, losing equilibrium, or collapsing during their intended duration when the correct product is used for its intended use. This is reinforced by our strict quality control of all Grade Standards.
- 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.

Radiata Pine CC3.2 Decking (Grip Tread/Gauged) - Clause B2 (Durability)

Kiwi Lumber Decking boards of treated radiata pine are 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 decking boards use preservative treatment in accordance with ASNZS1604.2021 Preservative treated wood-based products and meet the B2 Durability requirements.

Conditions of Use

Radiata Pine CC3.2 Decking (Grip Tread/Gauged)

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 CC3.2 Decking (Grip Tread/Gauged) - Clause F2.3.1 (Hazardous Building Materials)

Decking boards of treated 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

Scope of Use

Radiata Pine CC3.2 Decking (Grip Tread/Gauged)

Kiwi Lumber Timber Decking 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.

Decking 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 Decking 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 decking boards 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.

Cut end protection is not required for end sections, holes, rebates, notches, machining etc. For some situations such as building near the sea galvanised steel is recommended. Details on the correct type of fasteners is given in NZS3604.

All metal fasteners and fixings used with CC3.2 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 Decking 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.

Contact Details

Manufacturer Location	New Zealand / Aotearoa
Legal and Trading name of manufacturer (s)	Kiwi Lumber Holdings Ltd Kiwi Lumber (Dannevirke) Ltd Kiwi Lumber (Masterton) Ltd Kiwi Lumber (Putaruru) Ltd Kiwi Lumber (Gisborne) Ltd
Manufacturer address for service	First Floor, 205 Hastings Street South Hastings 4122
Manufacturers Website	www.kiwilumber.co.nz
Manufacturers Email	sales@kiwilumber.co.nz
Manufacturers phone number	0800 222 612
Manufacturer(s) NZBN	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
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