

WOODSPAN PARALLEL LAMINATED TIMBER (PLT) PANELS

PURPOSE

Woodspan supplies PLT panels to be used in buildings for use as floor and roof structures including diaphragm applications.

PLT PANELS EXPLAINED

Woodspan PLT Panels are glue laminated, structural panels. Manufactured by Taranakipine from NZ grown Radiata Pine, lamina may be finger-jointed or solid. Lamina are glued so that the grain runs parallel to the panel span direction. Adhesive is Purbond, a Type 1, one component polyurethane adhesive in accordance with AS/NZS 4364 and suitable for all service classes. The maximum panel size is 7200 mm x 890 mm and available in 90 mm, 117 mm, and 140 mm thicknesses. Panels are available in visual grade and non-visual grade. Panels are available untreated or treated to hazard class H3.1 or H3.2. All panels are supplied with a factory applied temporary waterproof coating.



For further assistance please contact:

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- 🌐 www.woodspan.co.nz

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location In any wind zone or calculated wind pressure (ULS). In all exposure zones, excluding microclimates as defined in NZS 3604:2011. In all seismic zones.	> Specific design required for fixing capacity where the wind zone is greater than extra high or the ULS is greater than 2.1 kPa. > Fastening materials to be in accordance with NZS 3604:2011.
Building In conjunction with a primary structure that complies with the NZ Building Code or where the designer has established that the existing structure is suitable for the intended building work. In all hazard classes up to and including H3.2.	> The treatment level must be appropriate to the relevant hazard class. > Woodspan PLT Panels must not be used in exposed applications and must not be in contact with the ground.
As a diaphragm where specifically designed.	> The design of connections to bracing elements is subject to specific design.
In applications where NZ Building Code Clause C6 (structural stability) obligations apply.	> The use of Woodspan PLT Panels is subject to specific design by a fire engineer.
Woodspan PLT Panels may be used with floor loadings up to 3.0kPa.	> Specified fixings to meet floor loadings and floor panel thickness.

USEFUL INFORMATION

For design, installation and maintenance information, refer to www.woodspan.co.nz.

THE FOLLOWING CERTIFICATIONS AND APPROVALS ARE HELD BY TARANAKIPINE:

- > Grade Verified QA Programme Membership, valid until 31/03/2023 [Grade Right NZ Ltd, 31/03/2019].
- > Single Chain of Custody and Controlled Wood FSC-C006125 [FSC, 22/12/2020].
- > Treat Right QA Programme Membership, valid until 31/03/2023 [Grade Right NZ Ltd, 30/03/2019].

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Woodspan requirements, Woodspan PLT Panels will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
B1 Structure B1.3.1, B1.3.2 B1.3.3 (a, b, c, f, i, j, m, q) B1.3.4 (a, b, c, d, e)	VERIFICATION METHOD B1/VM1	> Timber manufactured in accordance with NZS 3622 and AS/NZS 4490 [Grade Right NZ Ltd, 30/03/2019].
B2 Durability B2.3.1 (a), B2.3.2 (a)	ACCEPTABLE SOLUTION B2/AS1	> Lamina treated to NZS3640:2003 prior to lamination [Grade Right NZ Ltd, 30/03/2019]. > NZS 3602:2003 (para 107.3) requires compliance with AS/NZS 1328:1998.
C6 Structural Stability C6.2, C6.3	ALTERNATIVE SOLUTION	> Specification to section 9 of NZS 3603:1993.
F2 Hazardous Building Materials F2.3.1	ALTERNATIVE SOLUTION.	> Taranakipine is part of Grade Right Timber Treatment programme [30/03/2019]. > NZTPC Best Practice Guideline for the Safe Use of Timber Preservatives & Anti-sapstain Chemicals. Establishes drying & flash off requirements.

SOURCES OF INFORMATION

The following information was relied upon to prepare this pass:

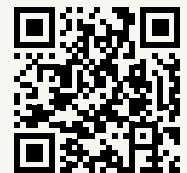
- > Grade Right NZ Ltd. [31/03/2019]. *Member Certificate Grade Verified QA Programme.*
- > Grade Right NZ Ltd. [30/03/2019]. *Member of Treat Right QA Programme.*
- > FSC. [23/12/2020]. Certificate C006125. Retrieved from [1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable. 2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code \(Schedule 1 of the Building Regulations 1992\), Acceptable Solutions and Verification Methods, and relevant cited standards. 3. The product is not subject to a warning or ban under section 26 of the Building Act. 4. For overseas manufacturer details, where applicable, refer to the company that is the holder of this pass™. 5. The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™. 6. The availability of the information about the supplied products required to be disclosed under s14G\(3\) is the responsibility of the company that is the holder of this pass™.](https://app.powerbi.com/view?r=eyJrjoiN2U3NGMyNWEtZTAxNS00MzVhLWExNmMtOThhZjdiYjQ4MWNkIiwidCI6IjEyNGU2OWRiLWVmNjUtNDk2Yi05NmE5LTVhNTZiZiZiZWxZDI5MSlsmMiOjI9. Accessed on 29/08/2022].

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SCAN OR CLICK THIS QR CODE TO ACCESS OR REQUEST THE RELEVANT SUPPORTING DOCUMENTATION FOR THIS PASS™.

www.woodspan.co.nz



Woodspan Ltd confirms that if Woodspan Parallel Laminated Timber (PLT) Panels are used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14G(2) of the Building Act.

Date of first issue: 29/04/2019
Date of current issue: 04/09/2023
NZBN: 9429047333758

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that the process used to prepare this pass™ on behalf of Woodspan Ltd has been undertaken in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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