

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.

EXPLANATION

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:

-  06 755 9000
-  info@woodspan.co.nz
-  www.woodspan.co.nz



SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location In any wind zone or calculated wind pressure (ULS).	<ul style="list-style-type: none"> ➤ Specific design required for fixing capacity where the wind zone is greater than extra high or the ULS is greater than 2.5 kPa.
In all exposure zones, excluding microclimates as defined in NZS 3604:2011.	<ul style="list-style-type: none"> ➤ 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.	<ul style="list-style-type: none"> ➤ 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.	<ul style="list-style-type: none"> ➤ The design of connections to bracing elements is subject to specific design.
In applications where NZ Building Code Clause C6 (structural stability) obligations apply.	<ul style="list-style-type: none"> ➤ 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.	<ul style="list-style-type: none"> ➤ Specified fixings to meet floor loadings and floor panel thickness.

USEFUL INFORMATION

For information on the installation and maintenance of Woodspan PLT Panels and for our warranty, refer to www.woodspan.co.nz.

OTHER CERTIFICATIONS AND APPROVALS HELD BY TARANAKIPINE

- Grade Right NZ Ltd. [01/08/2020]. *Grade Verified Engineered Wood Products QA Programme*. Valid until 31/03/2022.
- FSC [22/12/2020]. Single Chain of Custody and Controlled Wood FSC-C006125.
- Grade Right NZ Ltd. [31/03/2019]. *Member Certificate Producer Grade Verified Structural Timber*. Valid until 01/04/2021.
- Grade Right NZ Ltd [30/03/2019]. *Member of Treat Right Programme*. Valid until 31/03/2021.

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.

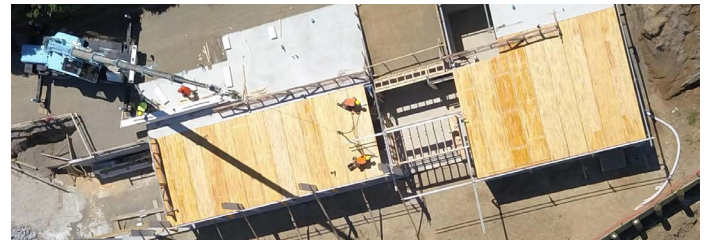
NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement ¹	Demonstrated by
B1 Structure B1.3.1 B1.3.2 B1.3.3 (a, b, c, f, i, j, m, q) B1.3.4 (a, b, c, d, e)	VERIFICATION METHOD B1/VM1 AS/NZS 1170:2002 set AS/NZS 1328:1998 (parts)	<ul style="list-style-type: none"> Grade Right NZ Ltd. <i>Grade Verified Engineered Wood Product QA Programme</i>. [01/08/2020]. Grade Right NZ Ltd. <i>Member Certificate Producer Grade Verified Structural Timber</i>. [31/03/2019].
B2 Durability B2.3.1 (a) B2.3.2 (a)	ACCEPTABLE SOLUTION B2/AS1	<ul style="list-style-type: none"> Lamina treated to NZS3640:2003 prior to lamination. Taranakipine part of Grade Right Timber Treatment programme. NZS 3602:2003 (para 107.3) requires compliance with AS/NZS 1328:1998.
C6 Structural Stability C6.2 C6.3	VERIFICATION METHOD B1/VM1 NZS 3603:1993	<ul style="list-style-type: none"> C/AS2 – C/AS6 notes that B1.3.3 (c), (i) requires that structural stability take account of vertical and horizontal loads, temperature & fire effects (para 4.3.2). NZS 3603: 1993 Section 9: Design for Fire Resistance.
F2 Hazardous Building Materials F2.3.1	ALTERNATIVE SOLUTION. NZTPC Best Practice Guideline for the Safe Use of Timber Preservatives & Anti-sapstain Chemicals. Establishes drying & flash off requirements.	<ul style="list-style-type: none"> Taranakipine is part of Grade Right Timber Treatment programme.

1. The Compliance Statement is the pass holder's statement that they have met their obligations under s14G(2) of the Building Act 2004.

SOURCES OF INFORMATION²

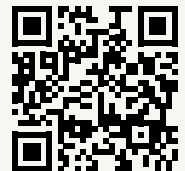
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2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards.



Scan or click this QR code for a full download of Compliance Documentation for this pass™.

www.woodspan.co.nz/technical/



VERSION:

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Note: Uncontrolled in printed format.

NAME:

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POSITION:

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DATE:

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Tom Boon

Chief Executive Officer

Signed on behalf of Woodspan PLT Panels:

By signing this pass™ the signatory confirms that, in respect of the subject of this pass™, the company has met their s14G obligations under the Building Act 2004.



Hudson Road, Bell Block, New Plymouth > info@woodspan.co.nz > 06 755 9000 > www.woodspan.co.nz

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