



J-PLANK | J-FORM | J-FRAME |

j-ply[®]

www.jnl.co.nz

Example application shown



J-PLY is a versatile general purpose structural plywood panel; it is made from 100% renewable plantation wood resources, namely radiata pine; it can be used for a variety of purposes including: housing construction panel (flooring, bracing, roofing, lining, cladding), furniture, shelving, storage racks, and other applications.

J-PLY can also be used for design and feature purposes. As an independently certified engineered wood product it is made in accordance with strict quality and environmental standards.



Product specifications

Veneer

Thickness: 1.9 to 4.4mm (nominal)
 Species: Radiata Pine (Density Average 500kg/m³)
 Grade: In accordance with AS/NZS 2269

Moisture content 7%-15%

Dimensional tolerances

Length: + 1.5mm
 Width: + 1.5mm
 Thickness: per standard



Panel lay-up

Squareness - difference in measurement of length of two diagonals across sheet should not be more than 5mm on a 2.4m sheet
Straightness - maximum allowable deviation along the edge = 1.2mm on a 2.4m sheet.
Flatness - with 3 corners of sheet on flat surface, 30mm tolerance is permitted at 4th corner.

Density (mean)

550kg/m³ (approximately)

Bonds

Type A (phenolic formaldehyde)
 AS 2098.2
 AS 2754.1

Finish

High quality veneers are used for the surface of the panel. B and C grade face smoothly sanded to meet paint finishes; open defects are filled.

Structural properties

F8 and F11

Marking

The following details are branded across the back face of each sheet:

IDENTIFICATION:	J-PLY Structural Plywood
STANDARD:	AS/NZS 2269 2004
STRESS GRADE:	F8, F11 parallel to grain
PAA CERTIFIED MILL NUMBER:	Mill 922. EWPA certified
MANUFACTURER:	JNL
PANEL CONSTRUCTION CODE:	(refer next page)
BOND:	A
FORMALDEHYDE EMISSION:	Eo
VISUAL GRADE:	CD/DD/BD





Working loads

Structural properties (parallel to grain)

	AV.MOE	Bending	Tension	Shear
F8	9100MPa	25	15	4.7
F11	10500MPa	35	20	5.3

	12mm	15mm	17mm	19mm	21mm	25mm	31mm
Packing specification, sheets	45	35	32	28	25	20	18
	Grade printed on back of sheet. Pack corner marked CD=Blue, DD=Green						
Panel Construction Code	12-30-5	15-30-5	17-30-5	19-30-7	21-30-7	25-30-7	31-30-9

Compliance to NZ building code

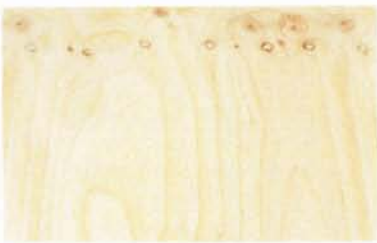
J-PLY Structural plywood is manufactured by Juken New Zealand Ltd under a third party audited, product quality control programme by the Engineered Wood Plywood Association of Australasia Ltd (EWPAA) to monitor compliance with AS/NZS 2269:2004 "Plywood Structural". The Programme is jointly accredited by Australia and New Zealand (PAA/JAS-ANZ accreditation). **J-PLY** structural plywood when installed correctly meets the requirements of the NZ Building Code.

H3 treatment and durability

Treated Plywood is impregnated to H3.2 Hazard class with CCA (Copper Chrome Arsenic) treatment to AS/NZS 1604.3:2002. The product is treated and then re-dried to achieve a dry flat panel. The treatment dye is green. The fillets used in drying may leave fillet marks but these will fade with time.

Verification testing

Veneers are graded for structural properties prior to fabrication to ensure minimum structural properties are achieved in the final product. Ongoing verification of structural properties occurs as required by AS/NZS 2269 and EWPAA certification.



J-PLY - C Face - Sanded solid panel with filled holes and splits and some tight inter-grown knots. This product is used in structural applications.



J-PLY - D Face - Unsanded panel that allow open holes to 75mm knots and open splits. This product is used in structural applications.



J-PLY - B Face - Sanded structural appearance grade plywood that allows small natural blemishes. Designed for high quality finishes.*

* SUBJECT TO AVAILABILITY
NOTE: EACH PACK IS COLOUR CODED FOR EASY GRADE IDENTIFICATION.

Storage

Recommendations for storage

- Store dry off ground
- Store under cover
- Stack with evenly spaced fillet sticks over three bearers
- Avoid damage to edges, face, corners



Juken New Zealand Ltd

J-PLY, J-FORM, J-PLANK, J-FRAME and other high quality wood products are manufactured by Juken New Zealand Ltd. We have a proud reputation for producing **high quality, innovative and functional wood products** using **modern, environmentally-friendly** methods and materials. We only use wood from **sustainably managed plantation forests** - mainly our own radiata pine forests which are located close to our manufacturing plants.

Limitations

All products and relative statements within this document are subject to the applicable products being installed, removed, stored and handled in accordance with information mentioned, and subject to any governing codes of practice. Juken New Zealand Ltd retains the right to change specifications without notice in accordance with its policy of continued product development. Every care has been taken in preparing the information contained within this publication, however, the company cannot accept responsibility for any inaccuracies that may have arisen, and cannot accept liability for loss or damage either direct or consequential arising out of or in relation to use or application of the said information.

Health and safety precautions must be taken when handling large products. Refer to relevant Material Safety Data Sheets (MSDS) which are available from the product manufacturer

