



J-PLANK | J-FORM | J-PLY |

j-frame[®]

www.jnl.co.nz

Example application shown



J-FRAME is a general purpose Structural LVL gauged Framing timber manufactured by Juken New Zealand Ltd (JNL) from 100% renewable plantation forest resources, namely radiata pine. As a reliable, straight and durable product, it can be used in a wide range of applications including residential and commercial framing and truss systems.

J-FRAME is an independently certified engineered wood product, to ASNZS4357 (Structural Laminated Veneer Lumber), and is made in accordance with strict quality and environmental standards.
(Refer **Product & Process Integrity** comments)

Product specifications

Lengths **J-FRAME** is supplied in varying lengths

- Cut-to-Length studs at 2.33, 2.63 and 2.93 metres
- Random Lengths at 2.4, 3.0, 4.8, 5.4 and 6.0 metres
The Cut-to-Length studs are "ready to use" with final length tolerances of plus or minus 0.5mm.

Width and thickness

J-FRAME is sold as actual dry size of 90mm x 45mm and 140mm x 45mm.

Bond

J-FRAME Structural LVL uses Phenol Formaldehyde Resin to produce an A Bond classification, which has a proven, internationally recognised durability record for exposure to moisture and stress.

Australian Standard 2754.1 "Adhesives for Timber and Timber Products" states: *Type A bonded plywood can be used in applications involving extreme long-term exposure to weather or wet or damp conditions and/or long-term structural performance requirements without glue line break-down or glue line creep.*

Moisture content

J-FRAME is Kiln Dried to a targeted moisture content of 18%

Treatment

J-FRAME is treated to meet or exceed either H1.2 or H3.2 treatment standards as per ASNZS1604.4 and NZS3640. The treatment provider is AgriQuality certified. The treatment processes are audited according to strict criteria.

Stress grading

J-FRAME products are MSG6, MSG8 or MSG10 stress graded and are supplied as per NZS3603. Every piece is machine stress graded and verified in accordance with NZS3622. JNL guarantee the rating value of all our **J-FRAME** products.

All **J-FRAME** products carry a colour code identification mark on the face of the product as per NZS3622, to identify the MSG grade:

- MSG 6** - Continuous Blue line along one face.
- MSG 8** - Continuous Black line along one face.
- MSG10** - Continuous Green line along one face.





Finger jointing

The 4.8, 5.4 and 6.0 metre lengths of **J-FRAME** have one finger joint per length. They are jointed in accordance with AS/NZS1491 "Finger Jointed Structural Timber" for strength as well as additional testing for Bond durability to AS5068.

Product identification

J-FRAME is printed and/or labelled to show treatment classifications, the EWPAA official Structural LVL stamp, the JAS-ANZ quality mark, the **J-FRAME** logo, the MSG colour coding stripe, the FSC CoC and BRANZ logos.



Storage and handling

J-FRAME should be stored clear of the ground on packers to prevent moisture uptake. The plastic wrapping should be removed only when in use and the product should be re-covered to maintain its dry state.

- Minimise exposure to weather and rain.
- Protect Frames and Trusses as soon as possible.
- Dry out before covering/lining after exposure to wetting.

Product and process integrity

The Engineered Wood Products Association of Australasia (EWPAA) and the New Zealand Forest Research Institute (Scion) have audited and continue to audit JNL's quality systems and products.

JNL is certified to both ISO9002 Quality Standard and ISO14001 Environmental Standard, both of which demand in-house process controls and rigorous product testing. The JNL Wairarapa Mill (where **J-FRAME** is manufactured) has attained Forestry Stewardship Council (FSC) Chain-of-Custody (COC), testifying that the wood used in **J-FRAME** is from a sustainable, environmentally managed forest resource

Juken New Zealand Ltd

J-FRAME, J-PLY, J-FORM, J-PLANK 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

