

J-FRAME

PURPOSE

JNL supplies J-FRAME for use as structural members in light timber-framed construction.

EXPLANATION

J-FRAME structural LVL members are manufactured from radiata pine. It is supplied treated in accordance with the JNL LVL Preservation Treatment Standard to meet the durability requirements where hazard class H1.2 or less applies.

J-FRAME is certified by the EWPAA as a special product in accordance with AS/NZS 4357.0:2005. Its consistent strength, stiffness and stability makes it resistant to warping, twisting and bowing. It is supplied to a standard thickness of 45mm with the following options:

- Widths (mm): 90, 140, 190, 240, 300.
- Standard lengths (m): 2.4, 3.0, 4.8, 6.0.
- Cut to length studs (m): 2.33, 2.48, 2.63.

Cut to length studs are supplied ready to use with a final length tolerance of +/- 0.5 mm.

J-FRAME is supplied in structural grades LVL8 and LVL10 and meet or exceed the structural performance of SG8 and SG10 respectively: as specified in table 2.3 of NZS 3603:1993 amendment 4.



For further assistance please contact:

- ☎ 09 373 3933
- ✉ sales@jnl.co.nz
- 🌐 www.jnl.co.nz



SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location In wind zones up to and including extra high as defined in NZS 3604:2011. In all corrosion zones as defined in NZS 3604:2011.	➤ Where microclimatic conditions may exist, the designer should consult with Juken New Zealand.
Building In new buildings that comply with the NZ Building Code, or in existing buildings where the designer and installer are satisfied that the building is suitable for the intended building work. As frames or structural roof trusses, or in any load bearing and non-load bearing walls.	➤ J-FRAME frames and structural roof trusses must be in accordance with NZS 3604:2011, or specifically designed in accordance with NZS 3603:1993. ➤ With fixing materials in accordance with NZS 3604:2011, Section 4 Durability.
In applications where the J-FRAME is protected from moisture.	➤ J-FRAME must not be used in the ground or in close proximity to the ground. ➤ J-FRAME should be enclosed as soon as possible to ensure optimal performance. ➤ Moisture content to be less than 20% before installing internal lining. For measuring moisture content refer to Procedure for Testing Moisture Content of J-Frame LVL - December 2018. https://www.jnl.co.nz/download/188/ .

USEFUL INFORMATION

For information on the design, installation and maintenance of J-FRAME and for our warranty refer to www.jnl.co.nz.

OTHER CERTIFICATIONS AND APPROVALS HELD BY JUKEN NEW ZEALAND

- ISO 9001:2015 Quality management systems, SGS Certification No. NZ05/052.00.
- ISO 14001: 2015 Environmental management systems, SGS Certification No. NZ00/039.00.
- EWPAA Certified, refer to <https://ewp.asn.au/members/>.
- Bureau Veritas issued CodeMark certificate CM70031®


CONDITIONS OF USE

The design of frames and trusses must be carried out by a member of the Truss and Frame Manufacturer's Association (FTMA) or by an LBP or a deemed LBP licensed to the relevant class.

The construction and installation of the frames and trusses must be carried out by a member of the FTMA and/or an LBP licensed to the relevant class.

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Juken New Zealand Ltd requirements, J-FRAME will comply with or contribute to compliance with the following performance claims:

N.Z. Building Code clauses	Compliance statement	BASIS OF COMPLIANCE ¹ Demonstrated by
B1 Structure B1.3.1 B1.3.2 B1.3.3 (a, b, f, g, h, q) B1.3.4 (a, b, c, d, e)	PRODUCT CERTIFICATION 	<ul style="list-style-type: none"> ➤ CodeMark certificate issued by Bureau Veritas ➤ Bureau Veritas is an accredited product certification body under section 263 of the Building Act 2004.
B2 Durability B2.3.1 (a)		
F2 Hazardous Building Materials F2.3.1		

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

BASIS FOR CERTIFICATION

TECHNICAL

- EWPAA Product Certificate, 04/08/2017
- JNL LVL Preservation Treatment Standard.

QUALITY

- Bureau Veritas audit of Juken New Zealand Ltd manufacturing facility.
- Bureau Veritas review and audit of Juken New Zealand Ltd Quality Plan.

BUILDABILITY

- Bureau Veritas site audits.



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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Brendan Smith

Technical Services
– Product Manager

Signed on behalf of Juken NZ Ltd:

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.



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This Product Assurance Supplier Statement (pass™) has been prepared by TBB in accordance with MBIE PTS guidelines and the recommendations of s9.2, Determination No. 2019-011 (issued 12 April 2019). TBB is ISO9001:2016 certified. Copyright © 2017, The Building Business Limited (TBB). All rights reserved.