J-FRAME – Juken New Zealand Ltd

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1 Specification Details

Trade Sections: Carpentry
Description: J-FRAME is a general purpose Structural Laminated Veneer Lumber (LVL) gauged Framing timber
manufactured by Juken New Zealand Ltd (JNL) from Radiata Pine. A reliable straight and durable
product, J-Frame can be used in a wide range of applications including residential and commercial
framing and truss systems. J-FRAME is CodeMark certified, an engineered wood product, being
manufactured to AS/NZS 4357 (Structural LVL), AS/NZS 1491 (Finger Jointed Structural Timber),
supported by ISO 9001 (Quality Management System) and ISO 14001 (Environmental Management
System).
J-Frame available sizes are 90x45, 140x45, 190x45, & 240x45 (mm). Two strength grades are produced: J-Frame 8 and J-Frame 11.

Keywords: J-Frame 8, J-Frame 11, Juken NZ Ltd, Juken, Juken Ltd

2 Clauses

2.1 Scope

Help Note:

DESIGN NOTE:

Step 1: Confirm the proposed use is within the scope and limitations. (Refer section 1 of this guide).
Step 2: Design the structure J-FRAME can be used in the:
Construction of load bearing and non-load bearing walls
Prefabrication of structural roof trusses and frames. Walls For load bearing and non-load bearing walls, design the wall frame in accordance with NZS 3604:2011.J-FRAME 8 and J-FRAME 11 can be used where SG8 and SG10 respectively is specified in section 8 of NZS 3604:2011. Fixings must be in accordance with section 4 of NZS 3604:2011.4 Alternatively, specifically design the wall frame in accordance with NZS 3603:1993, NZS AS1720.1:2022, or AS/NZS 1170:2002. Roof trusses and frames
The design and manufacture of frames and roof trusses must be carried out by a licensed truss and frame manufacturer.
Step 3: Confirm all relevant design requirements are met. Check that the building consent plans and specifications clearly define and include:
J-FRAME dimension, grading, spacings, and all relevant installation details fixing requirements.

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This section covers the supply and installation of the J-FRAME family of products, according to the conditions and limitations of the Building Code and relevant New Zealand Standards. For technical guidance and advice, phone Juken NZ Ltd technical advice on 0275570128 or email brendan.smith@jnl.co.nz

If in doubt about any aspect of your specification please contact Juken NZ Ltd on 0275570128 or email brendan.smith@jnl.co.nz.

2.1.1 Scope

Supply and install J-FRAME by Juken NZ Ltd to the walls and other timber framed elements, as identified and detailed on the drawings. All aspects of this work shall be in accordance with NZS 3604, product manufacturers' recommendations, and as detailed in the drawings and the specification.
For technical guidance and advice, phone Juken NZ Ltd technical advice on 0275570128 or email brendan.smith@jnl.co.nz or visit www.jnl.co.nz

J-Frame by Juken New Zealand is CodeMark assured with the NZ Building Code: CodeMark Certificate of Conformity No:CM70031 (Version 2), issued by Bureau Veritas Ltd.

2.2 Workmanship

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2.2.1 Workmanship

Workmanship
Where required by the NZ Building Act 2004 it is the building contractor's responsibility to ensure that all restricted building work is carried out by a Licensed Building Practitioner.
All work shall be carried out to current best trade practise by experienced and competent tradesmen, familiar with the materials and installation techniques, in accordance with NZS 3604 and as shown on the drawings.

2.2.2 Co-operation

Co-operation
Co-operate with other trades to ensure that all preliminary and preparatory works are completed to specification and as shown on the drawings prior to installing timber framing.
Co-ordinate with other trades to install timber framing as required.

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