

LVL PRODUCT TECHNICAL STATEMENT

Company	Nelson Pine Industries Ltd
Date of Issue	PTS Version 2, June 2016
Product	NelsonPine LVL
Product Description	NelsonPine LVL is an engineered wood product consisting of radiata pine veneers laminated together to produce structural framing materials. Common applications include; studs, joists, rafters, beams and lintels.
Scope of Use	NelsonPine LVL is suitable for internal framing applications within the scope of NZS3604 and by specific design with NelsonPine Design Software. NelsonPine LVL is suitable in industrial and commercial applications, subject to specific engineering design by design professionals in accordance with NZS3603.
Conditions and Limitations	NelsonPine LVL is supplied as either untreated (UT) or H1.2 treated and may be used in these hazard class applications as per NZS3602 and/ or the EWPAALVL Treatment Position Statement (Sept 2014). UT or H1.2 treated NelsonPine LVL cannot be used in structural weather exposed situations.
Compliance with the New Zealand Building Code	When correctly specified and installed NelsonPine LVL meets the following provisions of the NZBC: Clause B1 Structure: NelsonPine LVL meets the performance requirements B1.3.1, B1.3.2, B1.3.3 and B1.3.4 with respect to NZS3603 and NZS3604 and the NelsonPine LVL technical literature. Clause B2 Durability: NelsonPine LVL meets B2.3.1 with respect to NZS3602 and the EWPAALVL Treatment Position Statement (Sept 2014). Clause C1- C6 Fire Performance: NelsonPine LVL may be used as part of a fire resistant solution when specifically designed. Clause F2 Hazardous Building Materials: NelsonPine LVL meets this requirement. Clause G6 Airborne and Impact Sound: NelsonPine LVL may be used for walls, floors and ceilings as a component of the framing solution.
Design and Installation Instructions	NelsonPine LVL has the following design tools to assist with specification and installation: NelsonPine LVL Specific Design Guide May 2012 NelsonPine LVL Stain and Paint Guidelines July 2014 NelsonPine LVL8 H1.2 General Framing March 2015 NelsonPine Design Software

Quality Assurance	<p>Nelson Pine Industries Ltd has stringent quality assurance processes in place to monitor the structural and visual requirements by product type. Nelson Pine Industries is independently third party audited by the EWPA. The EWPA Product certification scheme provides the basis for NelsonPine LVL meeting AS/NZS4357. Conformance with AS/NZS4357 makes NelsonPine LVL suitable for structural applications in accordance with NZS3603 and NZS3604. Nelson Pine Industries Ltd is accredited by Telarc with ISO9001 Quality Management Certification.</p>
Environmental	<p>NelsonPine LVL is manufactured from renewable plantation radiata pine grown in New Zealand. NelsonPine LVL is Forestry Stewardship Council (FSC) certified. Nelson Pine Industries Ltd is accredited by Telarc with ISO14001 Environmental Management Certification.</p>
Product Support	<p>For product support and to download technical information please refer to our website www.nelsonpine.co.nz Or contact us: Address: Nelson Pine Industries Ltd Lower Queen Street Richmond Nelson 7050 Email: LVL@nelsonpine.co.nz Phone: 0800 800 438</p>
Helpful links	<p>Specific Engineering Design guide http://www.nelsonpine.co.nz/wp-content/uploads/LVL_Specific_Engineering_Design_Guide.pdf</p> <p>Commercial Buildings Brochure http://www.nelsonpine.co.nz/wp-content/uploads/NelsonPine-LVL-Brochure-web.pdf</p> <p>NelsonPine LVL8 H1.2 General Framing http://www.nelsonpine.co.nz/wp-content/uploads/NPI-LVL8-H1.2-Brochure.pdf</p> <p>Paint and Stain Systems Brochure http://www.nelsonpine.co.nz/wp-content/uploads/LVL_paint_and_stain_systems_brochure.pdf</p> <p>Moisture Meter Correction Figures for NelsonPine LVL Framing http://www.nelsonpine.co.nz/wp-content/uploads/Moisture-Meter-Correction-Factors.pdf</p> <p>NelsonPine LVL H1.2 MSDS http://www.nelsonpine.co.nz/wp-content/uploads/NPIL_H1.2_MSDS-2012_05.pdf</p> <p>EWPA LVL Treatment Position Statement http://www.ewp.asn.au/sites/default/files/Treatment%20Standards-1.pdf</p>