



CMI ProdCert
PC10101

CERTIFICATE OF CONFORMITY

This is to certify that

Tilling Timber Pty Ltd

Is certified to manufacture products to:

AS/NZS 4357.0:2022 Structural Laminated Veneer Lumber Specifications

Certificate Holder

Tilling Timber Pty Ltd
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Product Description

Structural Laminated Veneer Lumber (LVL)

Product Purpose or Use

Structural Laminated Veneer Lumber (LVL)

Subject to the following Conditions & Limitations:

Nil

Certification Body



CMI Certification Pty Ltd
ABN: 81 663 250 815
JAS-ANZ Accreditation No.
Z4450210AK
PO Box 273, Palmwoods Qld 4555,
Australia
Ph: +61 7 5445 2199
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Certificate No: PC10101

Originally Certified: 21/03/2024

Updated: 21/03/2024

Expires: 21/03/2029

Talissa Ireland
CMI Certification Pty Ltd



- The Certificate is issued to and relates to the certification of the described product(s) to the requirements of the described relevant Standard(s) and is subject to the conditions and limitations as described hereupon. CMI Certification Pty Ltd (CMI) is an Accredited Product Certification Body and undertakes certification in accordance with ISO/IEC 17065. The CMI ProdCert Scheme is an ISO/IEC 17067 Type 5 Scheme applicable to products seeking to show conformity to a particular Standard. This certification is to be read, considered and used as a whole document. For further information contact the certificate holder. Nothing in this certificate should be construed as a warranty or guarantee by CMI, and the only applicable warranties or guarantees will be those provided by the Certificate Holder. CMI by granting this certification shall have no responsibility or liability for infringement of, any patent or other proprietary right.
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Laminated Veneer Lumber (LVL) - Masson Pine

Brand	Model	Use	Preservative Treatment	Bond Type	Formaldehyde Emission Class	Stress Grade	On Edge E [MPa]	On Edge f'_b [MPa]	On Edge f'_s [MPa]	On Edge f'_ρ [MPa]	On Flat E [MPa]	On Flat f'_b [MPa]	On Flat f'_s [MPa]	On Flat f'_ρ [MPa]	Axial f'_t [MPa]	Axial f'_c [MPa]	JD Nails	JD Bolts	JD Screws	JD Nail Plates	Date Endorsed
SMART	LVL10	General Structural Use	H2 S	A	E ₀	-	10000	36	4.5	10	10000	36	4.5	8	25	28	JD4 ¹ JD1 ³ JD2 ⁴	JD2 ⁸ JD1 ⁹	JD3 ^{2&5} JD2 ^{6&7}	-	21//03/2024

Joint Strength (JD) Notes:

- 1 - Withdrawal Loads for Nails Driven into Face-Nail & Edge-Nail
- 2 - Withdrawal Loads for Screws Driven into Face-Screw & Edge-Screw
- 3 - Lateral Loaded Parallel & Perpendicular to Grain, Driven into Face-Nail
- 4 - Lateral Loaded Parallel & Perpendicular to Grain, Driven into Edge-Nail
- 5 - Lateral Loaded Parallel to Grain, Driven into Face-Screw
- 6 - Lateral Loaded Perpendicular to Grain, Driven into Face-Screw
- 7 - Lateral Loaded Parallel & Perpendicular to Grain, Driven into Edge-Screw
- 8 - Lateral Loaded Parallel to Grain, Driven into Face-Bolt
- 9 - Lateral Loaded Perpendicular to Grain, Driven into Face-Bolt

Laminated Veneer Lumber (LVL) - Mixed Species (Radiata Pine and Masson Pine)

Brand	Model	Use	Preservative Treatment	Bond Type	Formaldehyde Emission Class	Stress Grade	On Edge E [MPa]	On Edge f'_b [MPa]	On Edge f'_s [MPa]	On Edge f'_ρ [MPa]	On Flat E [MPa]	On Flat f'_b [MPa]	On Flat f'_s [MPa]	On Flat f'_ρ [MPa]	Axial f'_t [MPa]	Axial f'_c [MPa]	JD Nails	JD Bolts	JD Screws	JD Nail Plates	Date Endorsed	
SMART	LVL13	Beam Use on Edge Only	H2 S	A	E ₀	-	13200	45	4.5	7	-	-	-	-	-	-	-	-	-	-	-	21/03/2024

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Laminated Veneer Lumber (LVL) - Mixed Species (Radiata Pine, Larch and Masson Pine)																					
Brand	Model	Use	Preservative Treatment	Bond Type	Formaldehyde Emission Class	Stress Grade	On Edge E [MPa]	On Edge f'_b [MPa]	On Edge f'_s [MPa]	On Edge f'_p [MPa]	On Flat E [MPa]	On Flat f'_b [MPa]	On Flat f'_s [MPa]	On Flat f'_p [MPa]	Axial f'_t [MPa]	Axial f'_c [MPa]	JD Nails	JD Bolts	JD Screws	JD Nail Plates	Date Endorsed
SMART	LVL15	Beam Use on Edge Only	H2 S	A	E ₀	F17	15300	65	5	12	-	-	-	-	-	-	-	-	-	-	21/03/2024

End of Record

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