



TECHNICAL DATA SHEET



PML EasBeam partnered with International Panels (Australia) back in 2021 as a greenfield mill, that produces a premium grade LVL in Laos. Today we source from sustainable hardwood Eucalypt forestry a product that aims to surpass the quality of LVL products in the greater Asian region.

EasiChord & EasiLVL has been through exhaustive testing and certified by Australian Engineers to achieve the AS4357.0 certification, additionally MiTek have approved it for Frame & Truss Manufacturers..

TOPLINE PRODUCT ATTRIBUTES – EasiChord & EasiLVL

Certifications & Test Results

BSI certified to AS/NZS 4357.0-4

Joint Strength JD3 – UTF & TGA Engineers - Australia

Termite Treatment – Koppers/Agri Solutions

DAFF (Department of Agriculture & Fisheries)

MiTek 20-20 & Sapphire

Product Attributes

E14 – F17

H2 as standard

Eucalypt Hardwood throughout

Log source Laos, from sustainable eucalypt plantations

Formaldehyde Emissions – Super E0

Wood species: Eucalyptus camaldulensis x deglupta



AVAILABLE SIZE & LENGTHS

E14 - F17	LENGTH				
SIZE	3.6	4.2	4.8	5.4	6.0
90x35	*	*	*	*	*
120x35	*	*	*	*	*
140x35	*	*	*	*	*
190x35	*	*	*	*	*
	3.6	4.2	4.8	5.4	6.0
90x45	*	*	*	*	*
120x45	*	*	*	*	*
140x45	*	*	*	*	*
190x45	*	*	*	*	*
240x45	*	*	*	*	*
290x45	*	*	*	*	*



PRODUCT CHARACTERISTICS					
TEST DESCRIPTION	STANDARD	TEST REPORT No.	TYPE RESULT	TEST RESULT	
				Flat MPa	Edge MPa
Bending strength and stiffness – edge and flatwise	AS/NZS 4357.2:2006	02-22-1 (Stage 1, MS2 Report), 02-22-2 (Stage 2, MS3 Report)	MoE, MoR	Stiffness 14037 Strength 59.5	Stiffness 14491 Strength 42.8
Planar strength and stiffness - edge and flatwise	AS/NZS 4357.2:2006		f's	3.6	4.1
Compression strength – parallel to the grain	AS/NZS 4357.2:2006	(02-22) Report - Bearing strength and Flatwise shear	f'c		40.3
Tensile strength – parallel to the grain	AS/NZS 4357.2:2006	and	f't		48.2
Beam shear strength – edge and flatwise	AS/NZS 4063.1:20102	2024_PML 45_65mm LVL test report_v1	f'b	3.7	4.0
Bond quality	AS/NZS 2098.2:2012		Super E0		
Formaldehyde emission	AS/NZS 2098.11:2005				
Glue line preservative treatment (Bifenthrin)	AS/NZS 1604.3:2012	ASA-23-104 Koppers Glue-line Plywood COA	H2		
Metal fastener withdrawal testing	AS 1649:2001	IP Fasteners test report Nov23	JD3		
Density			670-700kgs/m3		

Further information in regard to the safe use and handling of these products is available from:
 International Panels (Australia) Pty Ltd
 17 Babb Doyle Street,
 LOGANHOLME QLD 4129
 Phone: (07) 3875 1826 Fax No: (07) 3209 9159

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International Panels
Plywood Professionals