

**PRODUCT  
SPECIFICATION SHEET**

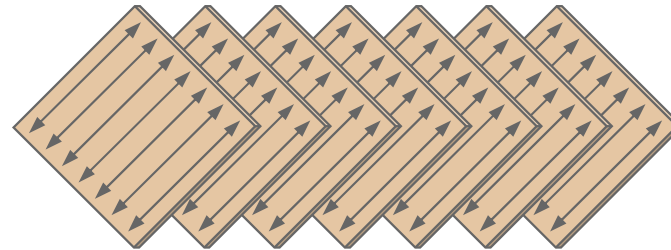
**ELEFANT™ LVL**

**Product**

**Elefant™ LVL, Laminated Veneer Lumber (LVL)** is a durable non-structural LVL made from Burapha’s owned plantation Eucalypts cater for both exterior and interior application. All Burapha’s plantations and products are 100% FSC certified, and we verify the chain of custody of the wood down to the specific plantation. The LVL produced gives a birch-like color with comparable mechanical properties.

**Construction**

All layers have the same fibre direction, using a combination of veneer thickness of 1.5 and 2.4 mm. LVL is typically used for headers, beams, rimboard, and edge-forming material which are loaded in the direction perpendicular to the grain.



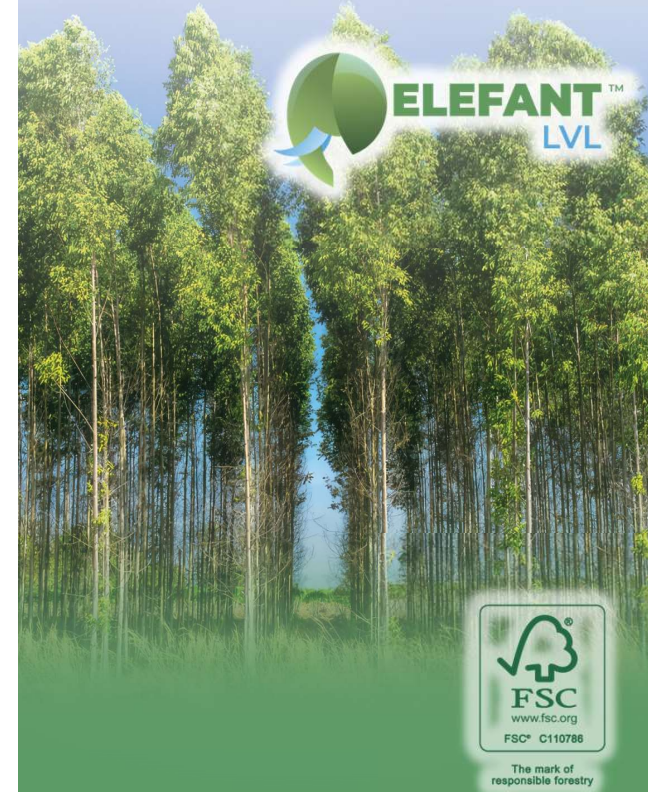
**Size and tolerance**

Property	Value	Tolerance	
Thickness	6 to 50 mm	≤ 7 mm	± 0.3 mm
		> 7 mm, ≤ 20 mm	± 0.4 mm
		> 20 mm	± 0.5 mm
Format	2500 x 1250 mm 2440 x 1220 mm 2400 x 1200 mm	Length	± 1.5 mm
		Width	± 1.5 mm
		Squareness	0.2 %

*\*\* Custom format and tolerance are available on request.*

**Certification**

Certification type	Certificate number
Forest Stewardship Council (FSC)	GFA-FM/COC-002679 & GFA-COC-002829



**Burapha Agro-Forestry Co. Ltd.**  
 23 Singha Road, Ban Phonexay,  
 Saysettha District, P.O. Box 11834,  
 Vientiane, Lao PDR  
**Email:** plysales@buraphawood.com  
**Phone:** +856 21 451 841



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**Adhesive specifications**

Adhesive type	Formaldehyde emissions		Bonding quality	
Phenol formaldehyde (PF)	AS/NZS 2269	Super E <sub>0</sub>	AS/NZS 2754	A Bond
	EN 13986	E1	EN 314-2	Class 3

**Physical and mechanical properties**

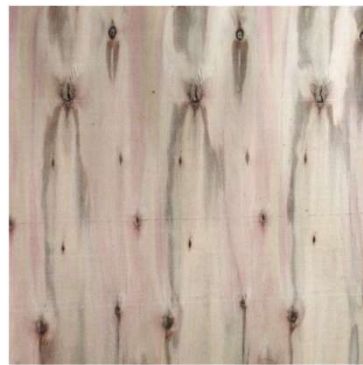
Property	Value	
Moisture content	8 – 12%	
Density	700 kgs/m <sup>3</sup>	
Surface veneer	C or D grade or order <i>* C grade maximum 50 mm knots holes, putty available.</i>	
Core veneer	Full sheet	
Bending strength	AS/NZS 4357	Longitudinal / Parallel ≥ 70 Mpa
Bending stiffness		Longitudinal / Parallel ≥ 8 200 MPa

**Surface quality**

Available surface qualities: C and D grade according to AS/NZS 2269.0:2012



C-grade

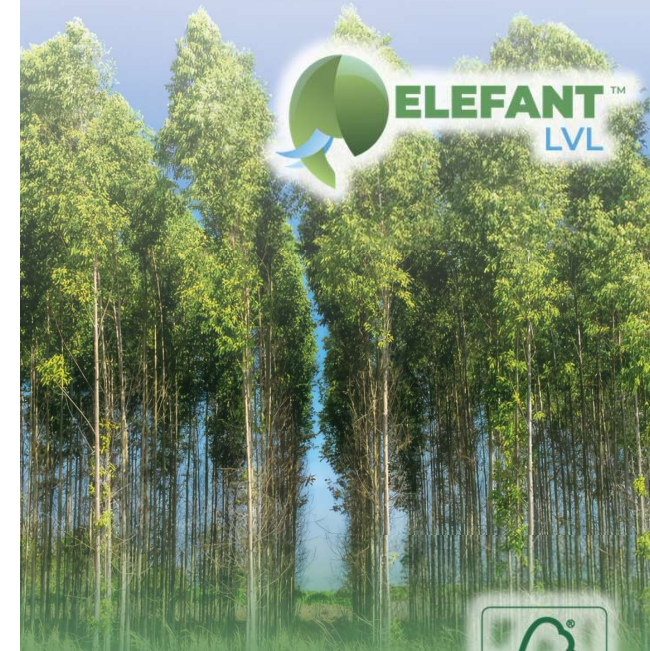


D-grade



Finished Product

*\*\* Butterfly patching and putty are available on request.*



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**Veneer quality comparison**

The grade describes the quality and appearance of the veneer, amongst others taking into consideration features such as knots, cracks, splits, gum/resin pockets, discolouration.

Aus. / NZ 2269.0:2012	USA PS 1-95	Europe EN 635.2&3	Finland EN 635.2&3 + FIN Birch	Russia GOST 99- 96.1&2	Russia GOST 10.55- 71	Canada 0151-09	China LYT-1519	Vietnam TCVN 10316
S & A	N & A	E & I	B	E & I	B	B	I	I
B	B	II	S	II	BB	C f/b	II	II
C	C	III	BB	III	CP	C	III	III
D	D	IV	WG	IV	C		IV	IV
							V	V

*\*\* This is an overview of how they approximately compare. For exact definitions we refer to the respective standard.*

**Packaging**

Finished LVL packs are wrapped in layers of strong clear plastic, strapped with plastic strapping and edge protectors. Pack separators are made with plywood offcuts eliminating the need for fumigation.

Standard pack height (without separators): 800 mm ± 20 mm  
Standard pack weight: approx. 1,700 kgs



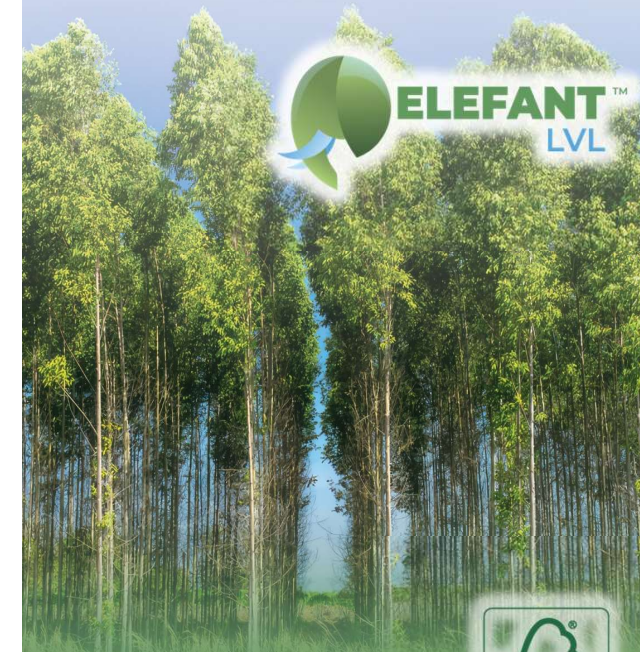
*\*1 Custom packaging is available on request.*

*\*2 Panels should be stored horizontally on a level surface in a dry, covered area.*

**Sustainability statement**

Our product is manufactured from wood coming from our own plantations. Burapha Eucalyptus plantations are managed sustainably through the implementation of various sustainable forestry practices. We plant on degraded land only, which has little or no value for agriculture or other uses. By planting Eucalyptus trees on this land, the company is able to restore it to a productive state and provide valuable resources while also preventing further degradation of the land. This is an important aspect of the company's sustainability efforts, as it demonstrates a commitment to both environmental conservation and social responsibility. Our wood comes from legal sources and conforms to all relevant standards and regulations, including the European Union Timber Regulation (EUTR) and the European Union Deforestation-free Regulation (EUDR).

**Swedish Design. World-Class Quality. Strong.**



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