PRODUCT
SPECIFICATION SHEET

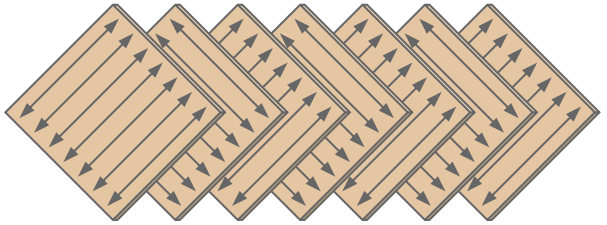
ElefantPly

Product

ElefantPly, Plywood is a durable non-structural plywood 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 plywood produced gives a birch-like color with comparable mechanical properties.

Construction

Every second layer is a crossband to maximize strength and stiffness in the parallel and perpendicular panel directions, using a combination of veneer thickness of 1.5 and 2.4 mm.



Size and tolerance

Property	Value	Tolerance	
Thickness	8 to 45 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-COC-008473
California Air Resources Board (CARB) - TUV	CR 50706969 0001
Environmental Protection Agency (EPA TSCA Title VI) - TUV	CP 50706974 0001

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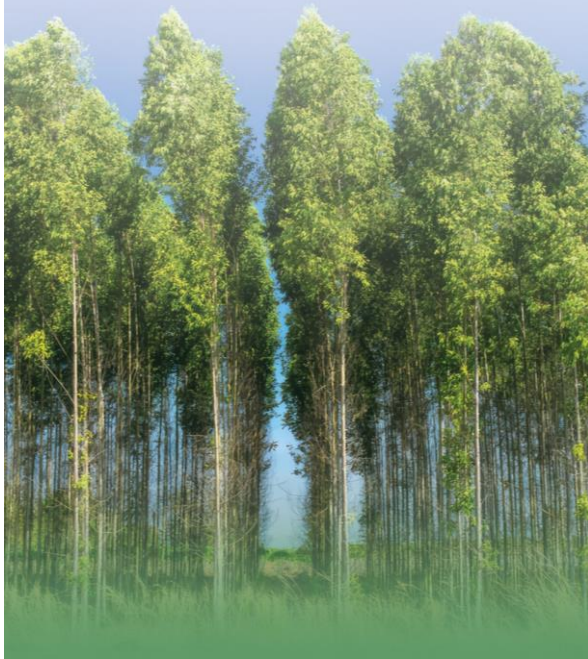

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Adhesive specifications

Adhesive type	Formaldehyde emissions		Bonding quality	
Phenol formaldehyde (PF)	AS/NZS 2269	Super E_0	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/m3
Surface veneer	C or D grade or order ** C grade maximum 50 mm knots holes, putty available.*
Core veneer	Full sheet, scarfed or composed
Bending strength	30 - 45 Mpa
Bending stiffness	10 000 - 14 000 MPa

Surface quality

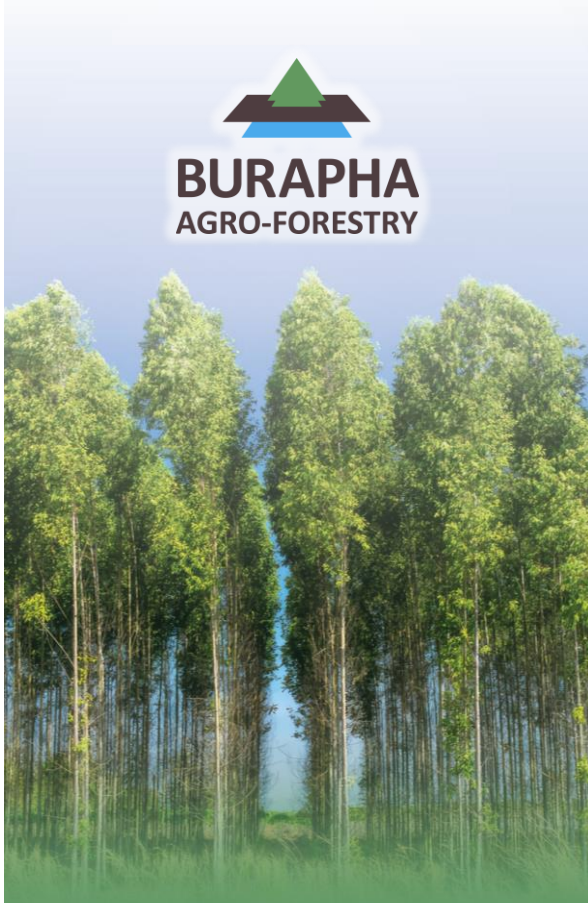
Available surface qualities: C and D grade according to AS/NZS 2269.0:2012

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 Plywood 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).

World-Class Quality. Strong.

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