

PRODUCT
SPECIFICATION SHEET

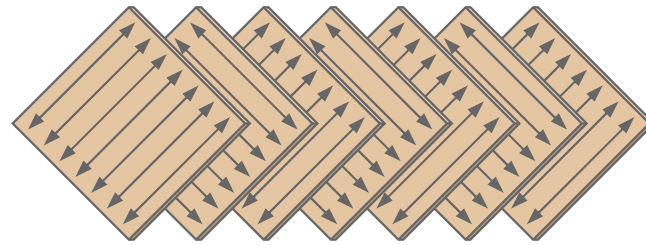
ElefantPly Pro

Product

ElefantPly Pro, certified Structural Plywood is 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

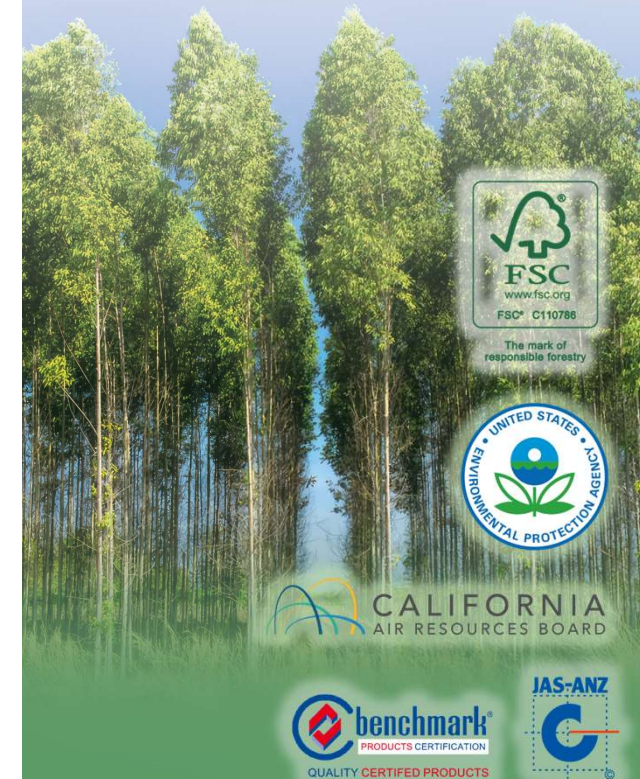
| Property | Value | Tolerance | |
|-----------|--|-----------------------|----------------------|
| Thickness | 6 to 50 mm | ≤ 7.5 mm | ± 7 % |
| | | > 7.5 mm to ≤ 17.5 mm | ± 4 % |
| | | > 17.5 mm to ≤ 25 mm | ± 3 % |
| Format | 2500 x 1250 mm 2440 x 1220 mm 2400 x 1200 mm | Length | ± 1.5 mm |
| | | Width | ± 1.5 mm |
| | | Squareness | Max. 0.2 % of Length |

*1 Thickness Tolerance for > 25 mm is ± 3 % unless otherwise specified.

*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 |
| California Air Resources Board (CARB) | ~ In certification process ~ |
| Environmental Protection Agency (EPA) | ~ In certification process ~ |
| AS/NZS 2269.0:2012 Plywood – Structural | BMP 747837 |



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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/m ³ | | |
| Surface veneer | C or D grade or order <i>* C grade maximum 50 mm knots holes, putty available.</i> | | |
| Core veneer | Full sheet, scarfed or composed | | |
| Bending strength | AS/NZS 2269 | F11 ≥ 31 MPa | F17 ≥ 45 MPa |
| Bending stiffness | | F11 ≥ 10 500 MPa | F17 ≥ 14 000 MPa |

Surface quality

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



C-grade

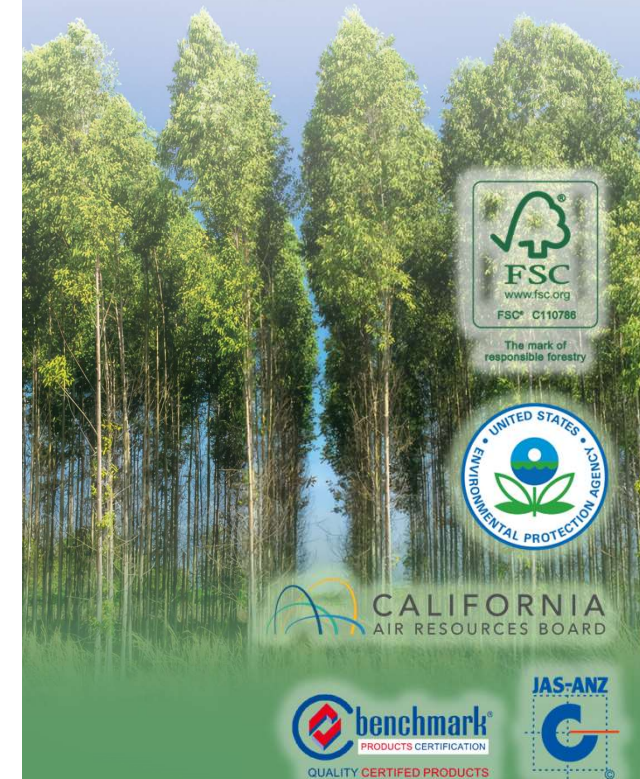


D-grade



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.

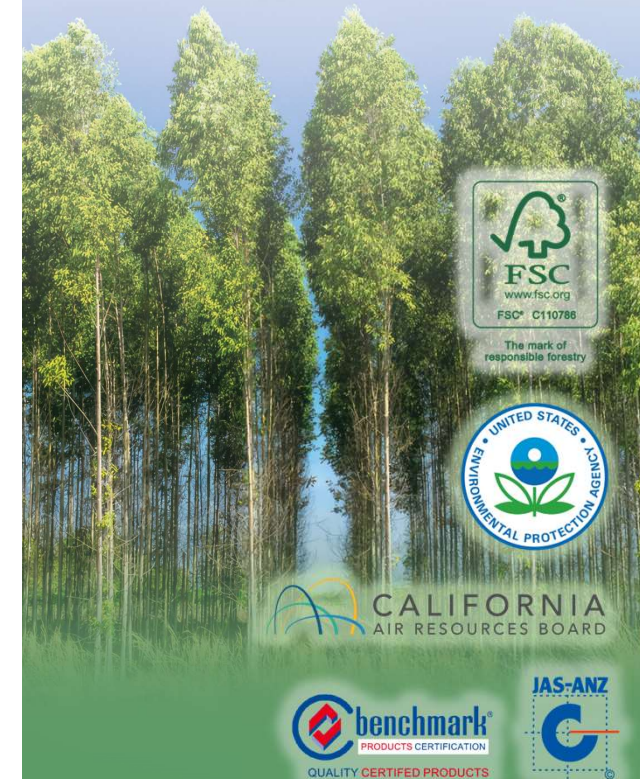
*2 Panels should be stored horizontally on a level surface in a dry, covered area.



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).

Swedish Design. World-Class Quality. Strong.



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