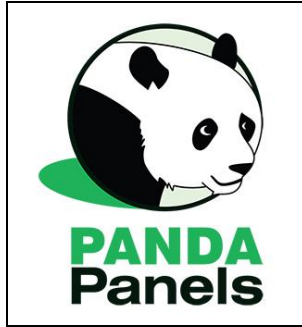


Product Portfolio



A WORLD OF EXPERIENCE
IN ASIAN PANEL PRODUCTS



Panda Panel Agencies Ltd

PRODUCT PORTFOLIO



Licence No FSC-CO10066



Chinese Origin



FSC 100% CE Certified Poplar Core Plywood

Species:	Face & back veneers FSC certified Eucalyptus Grandis or Engineered (EV) Poplar Core veneers FSC certified Chinese Poplar
Sizes:	2440 x 1220mm and cut-size DIY panels
Thicknesses:	3.6 – 25.0mm
Grades:	BB/CC
Adhesive:	EN314-2 Class 2. EN636 Class 2. E1



FSC 100% CE Certified Eucalyptus Grandis / Poplar Combi Core Plywood

Species:	Face & back veneers FSC certified Eucalyptus Grandis or Engineered (EV) Poplar Core veneers FSC certified Chinese Poplar and either imported or Chinese FSC Eucalyptus
Sizes:	2440 x 1220mm and cut-size DIY panels
Thicknesses:	3.6 – 25.0mm
Grades:	B/BB and BB/CC
Adhesive:	EN314-2 Class 2. EN636 Class 2. E1



FSC 100% Eucalyptus Grandis Faced Poplar Core Door Skin Plywood

Species:	Face veneers FSC Certified Eucalyptus Grandis Core and back veneers FSC certified Chinese Poplar
Sizes:	Length: 1981 – 2135mm / Width 610 – 1000mm
Thicknesses:	2.5 – 6.0mm
Grades:	A/CC, B/CC
Adhesive:	EN314-2 Class 2. EN636 Class 2. E1



FSC 100% CE Certified Phenolic Film Faced Plywood

Species:	FSC Certified Chinese Poplar throughout, FSC certified Chinese Poplar / Eucalyptus "Combi" core, FSC certified full Eucalyptus core
Sizes:	2440 x 1220mm
Thicknesses:	9.0mm – 25.0mm
Colour:	Brown or black phenolic film at buyers' option
Surface finish:	240gm/m ² textured wire mesh pattern face / 120gm/m ² smooth reverse or 120gm/m ² smooth two sides
Adhesive:	EN314-2 Class 2. EN636 Class 2. E1



FSC 100% CE Certified Textured Woodgrain or Coloured Melamine Faced Plywood

Species:	Face & back veneers FSC Certified Chinese Poplar Core veneers FSC certified Chinese Poplar
Sizes:	2440 x 1220mm and cut-size furniture panels
Thicknesses:	3.6 – 25.0mm
Patterns:	Wide range of authentic woodgrain patterns and solid colours
Adhesive:	EN314-2 Class 1. EN636 Class 1. E1



100% PEFC CE & UKCA Certified Eucalyptus faced Poplar Core Plywood

Species:	Face & back veneers PEFC Certified Eucalyptus Grandis Core veneers FSC certified Chinese Poplar
Sizes:	2440 x 1220mm and cut-size DIY panels
Thicknesses:	3.6 – 25.0mm
Grade:	BB/CC
Adhesive:	EN314-2 Class 2. EN636 Class 2. E1

CE Certified Poplar Core Plywood

Species:	Face & back veneers Eucalyptus Grandis or Engineered (EV) Poplar. Core veneers Chinese Poplar
Size:	2440 x 1220mm, 3050 x 1220mm, 3050 x 1525mm
Thicknesses:	3.6 – 25.0mm
Grades:	B/BB & BB/CC
Adhesive:	EN314-2 Class 2. EN636 Class 2. E1

CE Certified Eucalyptus Core Plywood

Species:	Face & back veneers Eucalyptus Grandis or Engineered (EV) Poplar Core veneers Chinese or imported Eucalyptus
Size:	2440 x 1220mm, 3050 x 1220mm, 3050 x 1525mm
Thicknesses:	3.6mm – 25.0mm
Grade:	B/BB & BB/CC
Adhesive:	EN314-2 Class 2. EN636 Class 2. E1

CE Certified Eucalyptus / Poplar “Combi” Core Plywood

Species:	Face & back veneers Eucalyptus Grandis or Engineered (EV) Poplar Core veneers Chinese Poplar and Chinese or imported Eucalyptus “Combi” core
Size:	2440 x 1220mm, 3050 x 1220mm, 3050 x 1525mm
Thicknesses:	3.6mm – 25.0mm
Grade:	B/BB & BB/CC
Adhesive:	EN314-2 Class 1 or 2. EN636 Class 1 or 2. E1

CE Certified Birch Throughout Plywood

Species:	Face & back veneers Chinese White Birch Core veneers Chinese Natural Birch
Size:	2440 x 1220mm
Thicknesses:	4.0 – 28.0mm
Grades:	BB/BB, BB/CP. CP/CP (other grades available on request)
Adhesive:	EN314-2 Class 3. EN636 Class 3. E1

CE Certified Poplar Throughout Plywood

Species:	Chinese Poplar throughout
Size:	2440 x 1220mm
Thicknesses:	3.6 – 28.0mm
Grades:	B/BB and BB/CC (other grades available on request)
Adhesive:	EN314-2 Class 2. EN636 Class 2. E1

Lightweight Blockboard

Species:	Face & back veneers Eucalyptus Grandis or Engineered (EV) Poplar
Crossband veneers:	Chinese Poplar
Core:	Chinese Paulownia or South East Asian Albizia Falcatta
Construction:	Continuously glued cores, 5-ply long grain construction
Size:	2440 x 1220mm
Thickness:	18 & 25.0mm
Grade:	B/BB & BB/CC
Adhesive:	EN314-2 Class 1. EN636 Class 1. E1

Standard Blockboard

Species:	Face & back veneers Eucalyptus Grandis or Engineered (EV) Poplar
Crossband veneers:	Chinese Poplar
Core:	New Zealand Radiata Pine
Construction:	Continuously glued cores, 5-ply long grain construction
Size:	2440 x 1220mm
Thickness:	18 & 25.0mm
Grade:	B/BB & BB/CC
Adhesive:	EN314-2 Class 1. EN636 Class 1. E1

Phenolic Film Faced Plywood

Species:	Chinese Poplar throughout, Eucalyptus throughout or Poplar / Eucalyptus "Combi" core
Sizes:	2440 x 1220mm
Thicknesses:	9.0mm – 25.0mm
Colour:	Brown or black phenolic film at Buyers option
Surface finish:	240gm/m2 textured wire mesh face / 120gm/m2 smooth reverse or 120gm/m2 smooth 2 sides
Adhesive:	EN314-2 Class 2. EN636 Class 2. E1

HPL One And / Or Two Sides Plywood

Species:	Chinese Poplar throughout
Size:	2440 x 1220mm
Thicknesses:	3.6 – 16.0mm
Adhesive:	EN314-2 Class 1. EN636 Class 1. E1
HPL Thickness:	0.5mm
Colours / Patterns:	Wide range of woodgrain and abstract patterns, and solid colours with gloss / matt / textured surfaces

Realwood Veneered Plywood

Species:	Chinese Poplar throughout
Sizes:	2440 x 1220mm & 3050 x 1220mm
Thicknesses:	3.6mm – 18.0mm.
Adhesive:	EN314-2 Class 1. EN636 Class 1. E1 or E0
Veneers:	Range of tropical hardwood and temperate hardwood and softwood species.
Veneer Thickness:	0.3mm – 0.6mm (before sanding).
Grades:	(1) Face side: A, AB & BB. (2) Back side: Regular, Sound or BB.
Note:	Plywood is available veneered either one or two sides with various combinations of face and back veneers.

Realwood Veneered Blockboard

Species:	Indonesian plantation Albizia Falcatta core, Crossband veneers Chinese plantation Poplar
Sizes:	2440 x 1220mm.
Thickness:	18mm.
Adhesive:	EN314-2 Class 1. EN636 Class 1. E1
Veneers:	Range of tropical hardwood and temperate hardwood and softwood species.
Veneer Thickness:	0.3mm - 0.6mm (before sanding).
Grades:	(1) Face side: A, AB & BB. (2) Back side: Regular, Sound or BB.
Note:	Blockboard is available veneered either one or two sides with various combinations of face and back veneers

Realwood Veneered MDF

Size:	2440 x 1220mm.
Thicknesses:	3.6mm – 18.0mm.
Veneers:	Range of tropical hardwood and temperate hardwood and softwood species.
Veneer thickness:	0.3mm - 0.6mm (before sanding).
Grades:	(1) Face Side: A, AB & BB. (2) back side: Regular, Sound or BB.

SPECIALITY PLYWOOD (FOR USE IN THE MANUFACTURE OF MUSICAL INSTRUMENTS)

In addition, the above-mentioned range of products we are also able to offer a wide range of plywood produced specifically for the musical instrument manufacturing industry.

This includes plywood specially produced to make:

Percussion drums,
Guitars
Ukuleles
Violins
Cellos
Pianos

This plywood is produced in accordance with manufacturer's individual requirements in terms of wood species, construction, quality, glue, size and thickness.

More detailed information will be given on request.

Malaysian Origin

Tropical Hardwood throughout Commercial Plywood

Species:	Malaysian red / white tropical hardwood throughout
Size:	2440 x 1220mm
Thicknesses:	3.6mm – 25.0mm
Grade:	B/BB, BB/CC
Adhesive:	EN314-2 Class 1, 2 & 3. EN636 Class 1, 2 & 3. E1

Tropical Hardwood Throughout Overlay Grade Plywood

Species:	Malaysian red / white tropical hardwood throughout
Size:	1981 x 1220mm, 2135 x 1220mm, 2286 x 1220mm, 2440 x 1220mm 2745 x 1220mm & 3050 x 1220mm
Thicknesses:	2,5mm, 2.7mm, 3.0mm, 3.2mm, 3.6mm, 5.0mm & 5.5mm
Grade:	Overlay grade & better
Adhesive:	EN314-2 Class 3. EN636 Class 3. E1

Polyester Overlaid One Side Plywood

Species:	Tropical hardwood throughout
Sizes:	2440 x 1220mm
Thicknesses:	3.0mm & 3.6mm (other thicknesses available on request).
Adhesive:	EN314-2 Class 1. EN636 Class 1. E1
Patterns:	Plain colours and abstract patterns.
Surface Texture:	Smooth or embossed.

Pre-finished Abstract Pattern Paper Overlaid Plywood

Species;	Tropical hardwood throughout
Sizes:	2440 x 1220mm, 2750 x 1220mm & 3050 x 1220mm.
Thicknesses:	3.0mm & 3.6mm (other thicknesses available on request).
Adhesive:	EN314-2 Class 1. EN636 Class 1. E1
Patterns:	Plain colours and abstract patterns.
Finishes:	Pre-finished with matt, semi gloss or gloss finish.

Melamine Paper Overlaid Plywood

Species;	Tropical hardwood throughout
Sizes:	2440 x 1220mm
Thicknesses:	3.6mm – 18.0mm
Adhesive:	EN314-2 Class 1. EN636 Class 1. E1
Colours & patterns:	Wide range of plain colours and abstract patterns
Surface Texture:	Smooth or Embossed.

White Painted Plywood

Species:	Tropical hardwood throughout
Sizes:	2440 x 1220mm, 2750 x 1220mm & 3050 x 1220mm.
Thicknesses:	3.0, 3.6, 4.0, 5.5 & 6.0mm.
Adhesives:	EN314-2 Class 1. EN636 Class 1. E1
Colour:	Plain matt white (other colours available upon request).

Indonesian Origin

FLEGT Certified Tropical Hardwood throughout Commercial Plywood

Species:	Indonesian red / white tropical hardwood throughout
Size:	2440 x 1220mm
Thicknesses:	3.6mm – 25.0mm
Grade:	B/BB, BB/CC
Adhesive:	EN314-2 Class 1, 2 & 3. EN636 Class 1, 2 & 3. E1

FLEGT Certified Tropical Hardwood Throughout Overlay Grade Plywood

Species:	Indonesian red / white tropical hardwood throughout
Size:	1981 x 1220mm, 2135 x 1220mm, 2286 x 1220mm, 2440 x 1220mm 2745 x 1220mm & 3050 x 1220mm
Thicknesses:	2.5mm, 2.7mm, 3.0mm, 3.2mm, 3.6mm, 5.0mm & 5.5mm
Grade:	Overlay grade and better
Adhesive:	EN314-2 Class 1. EN636 Class 1. E1

FLEGT Certified Albizia Falcata Throughout Lightweight Plywood

Species:	Indonesian Albizia Falcata Throughout
Size:	2440 x 1220mm
Thicknesses:	2.7 – 18.0mm
Grade:	B/BB. BB/CC, Overlay grade and better
Adhesive:	EN314-2 Class 1. EN636 Class 1. E1

FLEGT Certified Tropical Hardwood Faced Albizia Falcata Lightweight Plywood

Species:	Face and back veneers Indonesian Red / White mixed light hardwood Core veneers Albizia Falcata
Size:	2440 x 1220mm
Thicknesses:	2.7 – 18.0mm
Grade:	B/BB. BB/CC, Overlay grade and better
Adhesive:	EN314-2 Class 1. EN636 Class 1. E1

NOTE: FLEGT stands for **Forest Law Enforcement, Governance and Trade**. The EU's FLEGT Action Plan was established in 2003. It aims to reduce illegal logging by strengthening sustainable and legal forest management, improving governance and promoting trade in legally produced timber. With effect from January 1st 2021, for export to the united Kingdom, FLEGT was re-named as **UK FLEGT**

Indonesia's FLEGT licensed products are deemed to comply with requirements of the EU and UK Timber Regulation. This means EU and UK -based operators do not need to do further due diligence before placing FLEGT- licensed products on the market. Since 15 November 2016, products listed in the VPA's revised Annex I can no longer enter the EU and UK unless they have a FLEGT licence. An Indonesia-EU Joint Implementation Committee oversees implementation of the VPA and responds to any concerns as they arise. Implementation therefore improves as it proceeds.

Details of products outlined in this 'Product Portfolio' are intended to be used as a guide only. Specific information relating to individual products referred to herein will be given on request.

Effective from March 3rd 2013 the "European Timber Regulations" (EUTR) ((EU) 995/2010 dated 20th October 2010) came into effect making it illegal to place illegal timber (or products manufactured from illegal timber) on EU markets and all businesses affected by the Regulations now have to adopt practices to assure that it trades and supplies legal timber as a minimum. With effect from January 1st 2021, EUTR was replaced by UKTR (United Kingdom Timber regulations) but the requirements remain the same as under EUTR.

The EUTR and UKTR have the following purpose:

- To prohibit placing illegal timber and timber products onto the EU and UK markets
- To minimize the risk of trading illegal timber by requiring that businesses that place timber and timber products on the EU and UK markets implement a robust due diligence system

- To improve the traceability of timber and timber products so that all businesses in a timber supply chain know who has supplied them and whom they have supplied

The Office for Product Safety and Standards has been appointed by Defra to enforce the regulations in the UK, checking that appropriate records are maintained by traders and operators, ensuring that the due diligence systems of operators are fit for purpose, and verifying UK FLEGT licences.

In order to comply with the new regulations, we are able to offer comprehensive documents to confirm that where necessary, everything we offer is in compliance with the new regulations.

Please note that **THERE IS NO LONGER ANY SUCH THING AS WBP PLYWOOD.**

WBP (Weather and Boil Proof) was the terminology introduced in 1985 under BS6566 Part 8 to describe exterior plywood and withdrawn in 1998 when the standards were replaced by the introduction of a new European classification system for plywood and other wood-based panel products under EN 314 – Plywood Bonding Quality and EN 636 Plywood Specifications.

In real terms, the closest EN standards to WBP are EN314-2 1993 Class 3 (Plywood Bonding Quality) combined with EN636 2003 Class 3 (Plywood Specifications). However, under EN636 2003 Class 3, the wood used in the production of the plywood must be classified as durable species and the glue should be genuine exterior glue (i.e. phenolic resin). As a consequence, plywood manufactured using Poplar or other non / moderately durable species should never be described as WBP.

For further information please refer to our “Plywood standards – A Simple Guide”

E&OE

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