

PIANO

PIANOPLYWOOD

COMMERCIAL WOODEN PANEL

CHINESE BUILDING MATERIAL EXPERT, ONE STOP SERVICE PROVIDER

PIANOPLYWOOD

WA BUINESS

WWW.PIANOPLYWOOD.COM

PIANO



COMMERCIAL WOODEN PANEL

PRODUCT SPECIFICATION INTRODUCTION



CONTENTS

01 / FILM FACED PLYWOOD

02 / UV COATING BIRCH PLYWOOD

03 / CDX PLYWOOD

04 / TWIN PLYWOOD

05 / LVL-LAMINATED VENEER LUMPER

06 / LVL SCAFFOLDING PLANKS

07 / MELAMINE FILM PANEL

08 / BENDABLE PLYWOOD

09 / FIRE RETARDANT PLYWOOD

10 / FANCE VENEERY OVERLAY PLYWOOD

11 / HPL OVERLAY PANEL

12 / POLYESTER PANEL

13 / BLOCKBOARD

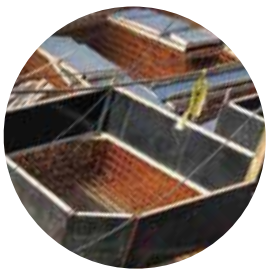
14 / TEXTURED PLYWOOD



FILM FACED PLYWOOD

PRODUCT
FILM FACED PLYWOOD





Our Piano Singer Leonking plywood produce all kinds of plywood and blockboard for clients from all over of world based on different standard and system. Format sizes are 1220x2440 /1250x2500 /610x2500 /1500x3000 /1525x1525 mm, thickness from 9mm to 30mm, or customized.

FILM FACED PLYWOOD: includes normal film faced plywood, one side anti slip film faced plywood, circular film faced plywood and plastic overlay film faced plywood. Meanwhile, we can produce melamine/phenolic glue overlay plywood too. Main purposes are for concrete formwork, decking, box, and store/warehouse shelves.

An example of the variety of suitable uses for our special coated plywood include:
Cement-Formwork Template System
Smooth-shuttering,moulds,furniture
Mesh-Vehicle bodies,walkways,staging
Hexa-vehicle bodies,flight cases,packaging
Diamond-Flight cases,packaging

Format Size	1220x2440 / 1250x2500 / 610x2500 / 1500x3000 / 1525x1525mm
Length	1525 / 1800 / 1830 / 2400 / 2440 / 2500 / 3000 / 3050mm
Width	500 / 610 / 915 / 1200 / 1220 / 1250 / 1500 / 1525mm
Thickness	9 / 12 / 13 / 15 / 17 / 18 / 20 / 21mm / Customized
Certificate	CE / FSC / ISO 9001 / CARB / PEFC
Standard	SI 37 / EN 314-2 / EN 636 / EN 315 / EN 316 / EN 13353 / KS F 3101 / JAS 475 / Grade F4 Star / AS 6669 / AS NZS 2269 / CSA 0153 / GBT 9846
Grade	Australia F17 / Japan F4 Star
Core	Poplar / Eucalyptus / Pine / Birch / Hardwood / Combi / Finger joint
Packing	Carton Packing / HDF Double Layers / Plywood Packing / PE Film Packing / PP Bag Packing
Film	Black Film / Anti-Slip Film / Plastic Film / MDO HDO Film / LOGO Film / Red Film / Brown Film / Adhesive Coating
Application	Formwork / Moulds / Furniture / Joinery / Box & Pallet

Fax/Tel: +86-21-50792750
RobertWang@pianoplywood.com
PHN/WA/WX: +86-133 1189 1208
www.pianoplywood.com
Block E,Floor 4,NO.58,New JinqiaoRD,Pudong District,Shanghai 201206,China

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FILM FACED PLYWOOD

INSTRUCTIONS FOR USE AND MAINTENANCE OF FORMWORK PANELS

USAGE

The formwork panels are mostly used in construction for concrete shuttering. Before usage, the user/contractor should check whether the panel surface quality is sufficient for the desired concrete surface quality. As the formwork panels are made of solid wood, wood texture can be visible on the concrete surface. Therefore, the formwork panel producer does not undertake any responsibility for the quality of the concrete surface. After use, traces of the edge protective varnish on the concrete surface may also be visible.
The panels are supported at intervals as specified in the diagram of intervals in the producer's brochure.

When assembling or disassembling formwork panels, utmost attention should be paid to minimising the damage to the panels through the use of saws, nails or other fasteners. You should also be careful not to damage the surface of the boards with a hammer or sharp objects. Such damages inevitably affect the quality of the concrete surface.

Before applying concrete, the panels should always be treated with formwork oil and thoroughly moistened/sprinkled with water in order to minimise the risk of the concrete sticking to the panels. You should be very careful when removing the shuttering especially if the panels are nailed, screwed or fastened in any other way. It is essential to prevent the falling of the panels from greater heights and any resulting damage which might occur.

MAINTENANCE

After use, the panels should be cleaned of all residues and placed on a flat surface. For the protection of the shuttering, a paraffin paste or formwork oils should be used in accordance with the producer's instructions. The panels should be kept in a covered and shady place. If stored outdoors, the panels should be covered with a sheet shall (a tarpaulin plane) protecting them against harmful weather conditions (sun, rain). If the panels are exposed to the sun, splits and/or cracks may appear on the outer layer. Such panels must be properly moistened with water before next use! Apart from that, fading (discolouration) may appear on the surface protection, which, however, does not significantly affect the functionality of the panel. Due to the components and the colours of wood, the panels may stain brownish when exposed to rain.

WARNING

In extreme weather conditions (significant deviations from normal humidity and temperature, or longer periods of dry and hot weather) you should take extra care of the shuttering, mostly making sure that the panels are not exposed to the heat of the sun for longer periods. Should you fail to do so, longitudinal cracks on the outer layer may appear, which significantly affect the lifetime of formwork panels and the quality of the concrete surface. Such panels should be properly moistened with water before use, otherwise they might be permanently damaged due to the intrusion of the concrete emulsion into the cracks!
Moreover, wooden formwork panels contain certain wood components, such as tannic acid or resins, which might cause stains on the concrete surface.

Fax/Tel: +86-21-50792750
RobertWang@pianoplywood.com
PHN/WA/WX: +86-133 1189 1208
www.pianoplywood.com
Block E,Floor 4,NO.58,New JinqiaoRD,Pudong District,Shanghai 201206,China

PIANOPLYWOOD WA BUINESS

UV COATING BIRCH PLYWOOD

PRODUCT
UV COATING BIRCH PLYWOOD







UV Coating Birch Plywood UV finish will add toughness and protection against scrapes and chips. The high quality birch plywood with its extra durability is usable in the production of furniture and cabinet components as well as for Laser cutting.



Drawer sides



Cabinet components



interiors



Laser cutting

Product Features

•High bending strength.
•Strong nail holing.
•Moisture resistant and easy work.
•Tight construction and high strength.
•Laser cutting.
•Low formaldehyde emission.
•Suitable for indoor furniture & floor or decoration use.



Die making

Format Size:	1220*2440mm (customized according to requirements).
Thickness:	9mm – 22mm (customized according to requirements).
Core:	Birch , poplar , combi , hardwood , eucalyptus.
Gloss level (upon customer's request)	UV High – gloss 80% UV Medium – gloss 35% UV Light – gloss 20% UV Special – gloss upon customer's request
Standard	CE,FSC,CARB,ISO 9001,SGS,BS 1088,AS/NZS 2272,PEFT,EN 314,BS EN 350,ISO 14001 , EN 315.
Application	Furniture , floor , decoration , drawer sides , cabinet components and interiors , laser cutting , die making.

Fax/Tel: +86-21-50792750
RobertWang@pianoplywood.com
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www.pianoplywood.com
Block E,Floor 4,NO.58,New JinqiaoRD,Pudong District,Shanghai 201206,China

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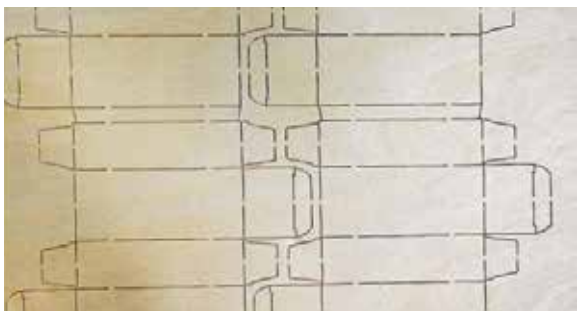
UV COATING BIRCH PLYWOOD

ADVANTAGES
LASER CUTTING UVCOATING BIRCH PLYWOOD



Tight thickness Tolerance

Flatness is good. The thickness tolerance of the whole board≤0.2mm



UV Coated

Can effectively prevent the lossof moisture while ensuringthe surface is clean



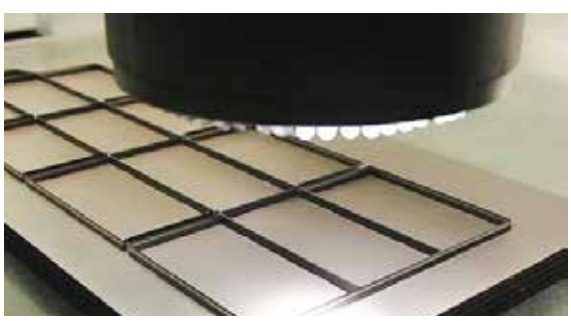
Environmental Protection

Our product UV coating Birch plywood has reached The E0/E1 Grade



Easy forlaser machinecutting

Easy for laser machine cutting Excellent user experience



Long time cutting rules holding

High precision and durable boards ensure long time rule holding



Thoughtful Packaging

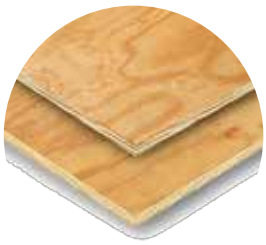
THoughtful packaging toensure cargo safety

Fax/Tel: +86-21-50792750
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www.pianoplywood.com
Block E,Floor 4,NO.58,New JinqiaoRD,Pudong District,Shanghai 201206,China

PIANOPLYWOOD
WA BUINESS

CDX PLYWOOD

PRODUCT
CDX PLYWOOD





Application:

CDX Plywood is the most used product in the construction industry for the foundation of building and roofing due to its sturdy nature.
It is dense and heavy due to pressing a large number of plies together, making it a preferred and cost-effective solution.
Pianoplywood is a leading producer of CDX Plywood in China focus on a high-quality product and service.

CDX is a specific type of plywood and not a thickness indicator.

•**1/4-inch** – thinner plywood will break. For CDX plywood, you shouldn't use anything less than 1/4-inch, which works for indoor projects and cabinetry.
•**3/8-inch** – only slightly more significant than the minimum safety allowance. If you want something that won't break without adding too much, this will work.
•**1/2-inch** – very common. 1/2-inch plywood is the most common size, and if you're unsure which size you need, then 1/2-inch will work for any project.
•**5/8-inch** – also typical for most projects. While not as popular as the next larger or smaller size, it does work well. If it's available, then go for it. You won't regret the decision.
•**3/4-inch** – ideal for thickness, but isn't too wide for most projects. The plywood isn't recommended for interior projects due to its weight. For exterior projects, this works well.
•**1-inch and more** –if it's thicker than 1-inch, you should know beforehand what your project will entail. Projects requiring greater durability would use plywood thicker than 1-inch. Projects requiring greater durability will use plywood thicker than 1-inch.

CDX stands for:

•**C –** veneer grade for one strip of plywood.
•D – veneer grade for one strip of plywood.
•**X** –glue used to connect both veneers. This makes the plywood durable and rugged. It has nothing to do with "exterior."



Format Size	1220x2440mm (4'x8') / 915x2135mm (3'x7')
Other Size	Customized
Thickness	2.7-24mm / Customized
Certificate	CE / FSC / ISO 9001 / CARB / PEFC
Standard	BS EN 6566 / EN 314-2 / EN 636 / EN 315 / EN 316 / EN 13353 / EN 12775 / SI 37
Moisture content	8%-12%
Density	500-630kg/m³
Core	Poplar / Eucalyptus / Pine / Hardwood / Combi
Application	packing/construction/structural Indoor decoration: flooring/wall/ceiling/etc. Furniture: table/door/chair/bed/cabinet/etc.

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CDX PLYWOOD

Frequently Asked Questions (FAQ)

Is OSB The Same As CDX Plywood?

OSB is not the same as CDX plywood. While they can both be used for similar projects, they aren't entirely interchangeable.

What Happens if CDX Plywood Gets Wet?

CDX plywood is made for outdoor use. It can absorb water without harming the wood and will dry out quickly. But it should always have a moisture barrier in place and be covered with some type of covering, like roofing.

Is CDX Plywood The Best Plywood?

CDX is considered the best in many cases. However, there isn't a number one plywood overall. There is simply the best plywood for each job. The prettiest is A grade, while the strongest is D grade.

Is CDX Plywood Treated?

CDX plywood is not necessarily treated. You will need to look for the term "pressure-treated" on the plywood itself if you want to know. The plywood grade is not related to whether it is treated.

Is CDX Plywood Fire-Rated?

CDX plywood is better to use around fires than other plywood. But the treatment is really what affects the fire-rating. Treated wood is more fire-resistant than untreated wood, so check for this detail.

What Is The Difference Between CDX And ACX Plywood?

The difference is that ACX plywood will have a pretty and delicate side, while CDX will look much rougher. One side of the ACX plywood will be sanded and smooth.









Fax/Tel: +86-21-50792750

RobertWang@pianoplywood.com

PHN/WA/WX: +86-133 1189 1208

www.pianoplywood.com

Block E,Floor 4,NO.58,New JinqiaoRD,Pudong District,Shanghai 201206,China

PIANOPLYWOOD

WA BUINESS

TWIN PLYWOOD

PRODUCT
TWIN PLYWOOD







APPLICATIONS

- LAMINATING/ VENEERING
- FURNITURE
- EXHIBITIONS/ DISPLAYS
- CONSTRUCTION/ JOINERY
- TOY/ MODEL MAKING
- COMMERCIAL/ LEISURE VEHICLES
- BOAT/ YACHT BUILDING
- SHOP/ BAR FITTING
- LASER CUTTING
- THEATRE SETS

Product Features

- *Available with FSC® certification.*
- *Decorative face and back veneer.*
- *Lightweight Construction.*
- *Glue Bond ideal for laser cutting.*
- *Ultra Low Emitting Formaldehyde.*
- *Moisture content between 8 and 13%.*
- *Sustainable plantation species.*



Home decoration



Furniture



Cabinet



Bureau

Format Size:	1220*2440mm , 1250*2500mm (customize according to your needs).
Thickness:	3mm – 30mm.
Standard	CE , FSC , CARB , ISO 9001 , SGS , BS EN 313 , BS EN 314 , BS EN 635 , BS EN 636.
Core:	Poplar , hardwood , hardwood combi , birch , eucalypts , pine , as your requirement.
Application	Furniture , decoration , cabinet & bureau , box & pallet , laser cutting & carpentry , industrial ultility , handicraft , door & window.

Fax/Tel: +86-21-50792750

RobertWang@pianoplywood.com

PHN/WA/WX: +86-133 1189 1208

www.pianoplywood.com

Block E,Floor 4,NO.58,New JinqiaoRD,Pudong District,Shanghai 201206,China

PIANOPLYWOOD

WA BUINESS

TWIN PLYWOOD



Cabinet & bureau



Furniture



decoration



pallet



Box



Door & Window



Laser cutting & Carpentry



Industrial ultility



Handicraft

Fax/Tel: +86-21-50792750

RobertWang@pianoplywood.com

PHN/WA/WX: +86-133 1189 1208

www.pianoplywood.com

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PIANOPLYWOOD

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LVL-LAMINATED VENEER LUMPER

PRODUCT
LVL-LAMINATED VENEER LUMPER

PIANO





F17
AS 6669
AS/NZS 4357

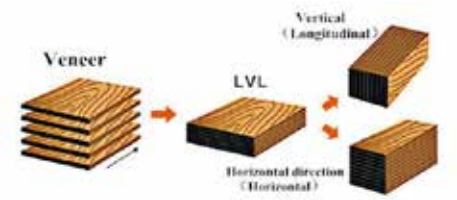






Poplar LVL Bed slat *Birch LVL Bed slat* *Okoume Veneer LVL Bed slat* *Black LVL bed slat* *Wood grain LVL slat*

LVL features:
****Flat, beautiful, Low moisture content, Without moldy effect;***
****High design values for bending, stiffness and shear strength ;***
****Resists shrinking, warping, splitting and checking ;***
****Ordinary nail assembly - installs as easily as ordinary lumber;***
****High strength-to-weight ratio - more than 40 stronger than solid sawn products ;***





chair *pallet* *Bed slat* *drawer* *sofa*

Format Size:	Width : 20-150mm ; Length : 1300-2200mm (customizable according to requirements).
Thickness:	6-30mm (Customizable according to requirements).
Standard	CE,FSC,CARB,ISO 9001,SGS,BS 1088,F17,EN 314-2,SI 37,4 STAR,MGP 12,AS 6669,EN 636,AS 2269,AS/NZS 4357.
Core:	Poplar , pine , birch , hardwood and so on , each layer use A grade veneers , very clear and no holes in every layer.
Glue:	Phenolic WBP/Melamine WBP.
Grade:	F11,F14,F17,F22,CARB P2,E0,MGP 12.
Application	Furniture , furniture for drawer/sofa/armchair/door frame/packing & pallets.

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www.pianoplywood.com
Block E,Floor 4,NO.58,New JinqiaoRD,Pudong District,Shanghai 201206,China

PIANOPLYWOOD WA BUINESS

LVL SCAFFOLDING PLANKS

PRODUCT
LVL SCAFFOLDING PLANKS





*CE / PEFC / ISO 9001
*AS NZS 4357 / AS 1577 / BS 2482 / OSHA
*Size 38*225*3900mm Or Customized Size
*Free samples and prompt delivery
*Enviorment friendly & production and service visualization












Format Size	3900mm*225mm*38mm
Length	1.0 to 6m / or request
Width	225mm / 230mm / or request
Thickness	38mm / 42mm / 50mm / 63mm
Weight	4.95 kg/m
Density	500-630 kg/m³
Standard	AS NZS 4357 / AS 1577 / BS 2482 / OSHA
Certificate	CE / FSC / ISO 9001 / CARB
Core	poplar / birch / meranti / okoume / etc.
Moisture content	8%-14%
lead time	Within 30 days
Inco Terms	Negotiation

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PIANOPLYWOOD
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LVL-LAMINATED VENEER LUMPER





chair



pallet



Door frame



packing

Fax/Tel: +86-21-50792750
RobertWang@pianoplywood.com
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PIANOPLYWOOD WA BUINESS



MELAMINE FILM PANEL

PRODUCT
MELAMINE FILM PANEL

PIANO





Colour Melamine on a panel substrate is a versatile interior panel commonly used in a range of shelving, furniture and joinery applications. Commonly colour melamine particleboard is either overlaid with colour decorative paper on both sides of the board, or overlaid with colour decorative paper and edged along one long side.

Applications

Furniture , Cabinet , Bureau , Decoration , Handicraft.

When used for general shelving in wet areas or spaces with high relative humidity, it is advisable to use a moisture resistant (MR) particleboard substrate . Standard for Melamine on a Particleboard accepts minor imperfections on one face of the overlaid panel based on visual grading. Where an application or specification is sensitive to imperfections in the face, it is recommended to visually inspect any board for suitability prior to use . Routine cleaning simply involves wiping with a clean, damp soft cloth. Never use abrasive cleaners, scourer pads (eg : wire or copper cleaning pads) or sandpaper, or subject to excessive wetting. A useful source for more information and general facts about plywood such as mechanical , physical and moisture properties is the EWPAA.






Cabinet ***Furniture*** ***Bureau*** ***Decoration***

Format Size:	1220*2440mm (customized according to requirements).
Thickness:	9mm – 25mm (customized according to requirements).
Standard	CE,FSC,CARB,ISO 9001,SGS,BS 1088,AS/NZS 2272,EN 314,BS EN 350,ISO 14001 , PEFC , EN 438-2 , EN 14332.
Face/back	Matt , embossed , glossy , leather , wave , oak , walnut , flower , saw , solid wood etc..
Core:	Poplar , hardwood , hardwood combi , birch , eucalypts , as your requirement.
Application	Furniture , cabinet , bureau , decoration , handicraft.

Fax/Tel: +86-21-50792750

RobertWang@pianoplywood.com

PHN/WA/WX: +86-133 1189 1208

www.pianoplywood.com

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MELAMINE FILM PANEL



Melamine Plywood



Melamine MDF



Melamine Chipboard



Melamine Blockboard

Fax/Tel: +86-21-50792750

RobertWang@pianoplywood.com

PHN/WA/WX: +86-133 1189 1208

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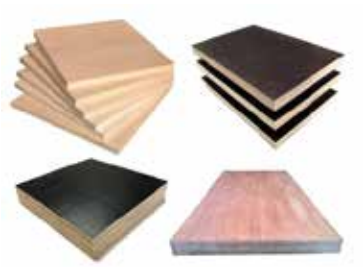
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MELAMINE PLYWOOD

PRODUCT
MELAMINE PLYWOOD

PIANO







film marine plywood/veneer marine plywood , phenolic glue, finger-jointed core , phenolic film face/back, with rotary veneers face/back , suitable for vessel deck, petro-platform and port-platform usage, WBP, 72 hours boiling without delamination, core board can be from poplar, birch, pine, eucalyptus, and other hardwood.



Veneer marine plywood



Anti-slip film faced plywood



Film marine plywood



Container marine plywood flooring



Format Size:	1220*2440mm , 915*1830mm and as your requirement.
Thickness:	2.0mm – 30mm
Standard	CE,FSC,CARB,ISO 9001,SGS,BS 1088,AS/NZS 2272,PEFT,EN 314,BS EN 350,ISO 14001.
Face/back	Rotary veneers or phenolic film.
Core:	Poplar , hardwood , hardwood combi , birch , eucalypts , as your requirement.
Technical:	Have insect-resistant anticorrosion and weather resistance , for to the floor under a certain load of container plywood.
Joint way:	Finger joint.
Glue:	phenolic glue
Application	Marine board (waterproof plywood) is widely used in shipbuilding , yacht decorate , trunk car body manufacturing ; indoor and outdoor wooden structure , wooden houses ,villas , wall and floor ,outdoor garden furniture ; Outdoor open-air stage , A large exhibition decoration engineering , all kinds of construction and decoration engineering.

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MARINE PLYWOOD-CONTAINER FLOORING

Base panel

Container Flooring plywood made solely from bamboo strip combined with (hardwood) veneers or hardwood veneers bonded together in a cross banded construction.

Bonding

Phenolic resin cross-bonded weather resistant glueing according to EN 314-2/class3

Surface and edges.

Face and reverse: rotary KERUING veneer or Dark brown phenolic film 120g/m2 on face and poplar veneer on back ㎡

Edge sealing : Two coats of water of resistant paint.

Thickness and weights

Nominal Thickness(mm)	*Number Of plies*	*Thickness(mm)*		*Weights (kg/m²)*
		Min	*Max*	
28	*19*	*27.2*	*28.8*	*20.3*

Moisture conten 8-12%





Fax/Tel: +86-21-50792750

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PIANOPLYWOOD

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MARINE PLYWOOD-CONTAINER FLOORING

Panel sizes

Standard dinmensions :

20'FCL: 1160X2400MM 4 SHEETS, 1160x1010MM 2 SHEETS;

40'CONT: 1160X2400, 6 SHEETS; 636X1626 4SHEETS; 1160X1388MM 2 SHEETS;

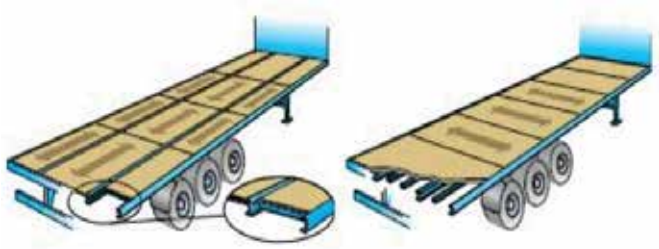
Size tolerances: ＜1000mm±1mm

1000-2000mm±2mm

2000-3000mm±3mm

Squareness tolerance:

±1mm/1000mm



Properties of panel surface

Face : taber abrasion value (DIN53799)3800 rounds

Rolling test value (SS923502)8000 ±35% cycles

Improved water resistance through on the face and the reveres

Strength values

With special oriented

Span / thickness	n	300mm		400mm		500mm	
		P(kg)	D(mm)	P(kg)	D(mm)	P(kg)	D(mm)
28	19	6400	5.2	6000	7.5	5600	10.0

n= Number of plies

p=ultimate wheel load(no safety factor applied)

d=deflection with ultimate

*wheel load wheel contact area 80*180mm （ISO1496）*

All panel edges supported single span .Moisture content max 15%.

For specific loading details please contact your supplier .

Installation

Fax/Tel: +86-21-50792750

RobertWang@pianoplywood.com

PHN/WA/WX: +86-133 1189 1208

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BENDABLE PLYWOOD

PRODUCT
BENDABLE PLYWOOD







Bendable Plywood is a unique product for the ease with which it can take any curvature and rounded shapes, including “S” or circular. **Bendable Plywood** is suitable in the creation or the coating of curved columns, arches cabinet applications, curved furniture parts and fixtures in restaurants, reception and office work stations, stage sets, spiral stairways, boats, caravans, and interior architecture in general.

Features and advantages

– Cold forming with small radii (with no need for heat forming or water treatment).
– Self-supporting structure eliminates the need for structural skeletons or special supports.
– Complex multi-radii shapes can be quickly and easily prepared.
– The panels can simply be combined and glued together to create different thicknesses (8,10, 13, 16, 18, 20, 21 mm, etc.).
– More convenient than other pre-made wood forms.
– Reduction of material and labour costs to a minimum.
– No need for special equipment or prior experience.





4’*8’ long grain column bend (1/4” 3 ply product)

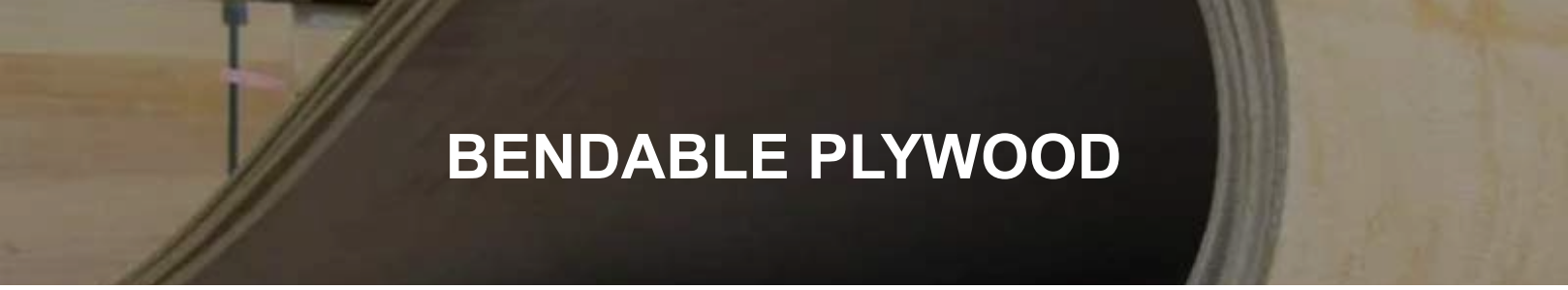


8’*4’ cross grain barrel bend (1/4’’ 3 ply product)

Format size:	1220*2440mm (bengding in the longest dimension)
Thickness:	Up 3 to 5 millimeters.
Standard	CE,FSC,CARB,ISO 9001,SGS
Application	Counter fronts , wavy walls , ceilings , stage and film sets.

Fax/Tel: +86-21-50792750
RobertWang@pianoplywood.com
PHN/WA/WX: +86-133 1189 1208
www.pianoplywood.com
Block E,Floor 4,NO.58,New JinqiaoRD,Pudong District,Shanghai 201206,China

PIANOPLYWOOD
WA BUINESS



BENDABLE PLYWOOD

Technical specifications	
Bending radius for a 5 mm board	about 50 mm
Bending radius for a 8 mm board(4mm panel*2 glued)	about 100 mm
Bending radius for a 16 mm board(4mm panel*4 glued)	about 300 mm
Longitudinal elasticity for a 5 mm board	210 N/mm^2
Cross elasticity for a 5 mm board	6300 N/mm^2
Thickness tolerance	+/- 0,35 mm
Length tolerance	+/- 5 mm
Width tolerance	+/- 5 mm
Tolerance in squaring	2 mm/m
Moisture content (at delivery)	8-12%
Reaction to fire (EN 13501-1)	D-s2,d0 – Dfl-s1
Thermal conductivity (EN 12664)	0,12 W * $(m\ k)^{-1}$
Density (EN 323)	about 400 kg/m^3

Bonding (*formerly called IF20*) is made with urea-formaldehyde glue (UF) and is in compliance with the provisions of the EN 314-2 standard.
After suitable treatment in view of resistance to humidity, the board complies to **Class 1** requirements for the use of boards in dry environments (EN 636-1).
Class 2 (formerly called AW100 or MR), for uses subject to exposure to moisture variation, can also be produced upon request with melamine gluing.

Usage and storage instructions
– Store the panels lying flat in a clean, shaded, dry place.
– Panels should be transported on a hard flat surface. Single panels can be rolled, but should not remain in this position for long periods.
– Do not expose the panel to sudden changes in humidity, temperature, and also protect it from sunlight.
– Glue the panels while they are brought into the desired shape. When the glue is dry, panel will retain its shape.
– High Pressure Laminate or paper-backed veneer can be applied during the initial curving process, or in a second step.
– Any wood glue can be used.

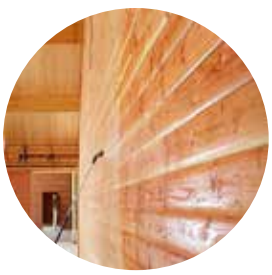
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PIANOPLYWOOD WA BUINESS

FIRE RETARDANT PLYWOOD

PRODUCT
FIRE RETARDANT PLYWOOD





•The protective char is non-hygroscopic in nature. It will not affect the hardware elements that may corrode due to moisture affinity of common chemicals.
•The chemical is non-leachable hence there is no loss of the retardant chemicals in very adverse conditions. Does not affect painting or overlaying.
•No significant effect on the strength properties (adhesive bonding) compared to normal grade (BWR, BWP) plywood
•Its slow rate of burning provides sufficient time for the fire to be extinguished.
•Unlike common ply, Archidply Firesafe ply creates a barrier against fire, due to its slower fire penetrating rate.
•Nail and screw holding property is not affected.
•Tensile and bending strength remain unaffected, as the chemical does not react with wood.











Size:	1220*2440mm , 1250*2500mm.
Thickness:	4mm – 30mm.
Face/Back:	Peeling veneer, Slice veneer , Engineered veneer , Melamine film , HPL.
Standard	CE,FSC,CARB,ISO 9001,SGS,IS 5509,EN 13353-2008,GB/T 18101-2013,A1,EN 636-1,ASTM E84,GB18580-2017 E1.
Application	Furniture , Cupboard , Goods shelves , Packing & Boxes , Wallboard , Decoration , Fire Prone Area.

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PIANOPLYWOOD
WA BUINESS

FIRE RETARDANT PLYWOOD

Technical Specification



Dimension
a) Length: +6mm
b) Width: +3mm
c) Thickness: ± 5%

Rate Of Burning Test
Not less than
20 min.

Flame Penetration Test
Not less than
47.5 min.

Flammability Test
Not less than
30 min.

Squareness: 0.20 %

Edge Straightness
0.20 %

Moisture Content
5-15%

Adhesion of Plies
Minimum Pass
Standard

Resistance To Water
Minimum Pass
Standard

FIRE RETARDANT PLYWOOD SPECIFICATION IS-5509:2000

Product	Plywood for FIRE RETARDANT as per IS 5509:2000
Size	2440mm x 1220mm
Thickness	19mm
Grade	BWR
Type of Adhesive Used	BWR Grade as per IS 848:1974

Fax/Tel: +86-21-50792750

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PHN/WA/WX: +86-133 1189 1208

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PIANOPLYWOOD

WA BUINESS

FIRE RETARDANT PLYWOOD

	Classification according to European Standard EN 13501-1				
Definition	Construction products			Floorings	
non-combustile materials	A1			$A1_{fl}$	
	A2 - s1 d0 A2 - s2 d0 A2 - s3 d0	A2 - s1 d1 A2 - s2 d1 A2 - s3 d1	A2 - s1 d2 A2 - s2 d2 A2 - s3 d2	$A2_{fl}$ - s1	$A2_{fl}$ - s2
combustible materials - very limited contribution to fire	B - s1 d0 B - s2 d0 B - s3 d0	B - s1 d1 B - s2 d1 B - s3 d1	B - s1 d2 B - s2 d2 B - s3 d2	B_{fl} - s1	B_{fl} - s2
combustible materials - limited contribution to fire	C - s1 d0 C - s2 d0 C - s3 d0	C - s1 d1 C - s2 d1 C - s3 d1	C - s1 d2 C - s2 d2 C - s3 d2	C_{fl} - s1	C_{fl} - s1
combustible materials - medium contribution to fire	D - s1 d0 D - s2 d0 D - s3 d0	D - s1 d1 D - s2 d1 D - s3 d1	D - s1 d2 D - s2 d2 D - s3 d2	D_{fl} - s1	D_{fl} - s1
combustible materials - highly contribution to fire	E		E - d2	E_{fl}	
combustible materials - easily flammable	F			F_{fl}	

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RobertWang@pianoplywood.com

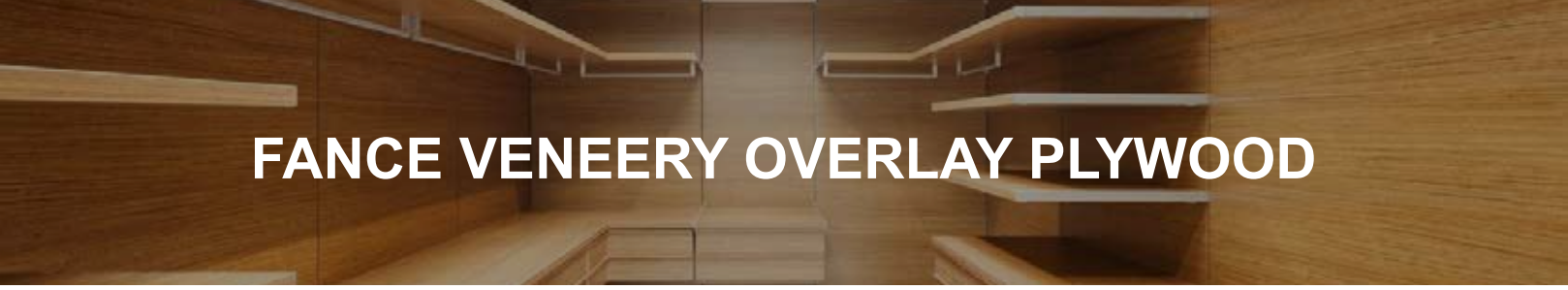
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PIANOPLYWOOD

WA BUINESS



FANCE VENEERY OVERLAY PLYWOOD

PIANO

PRODUCT
FANCE VENEERY OVERLAY PLYWOOD







Top quality fancy veneer overlaid plywood base board same as common plywood(poplar , eucalyptus , pine , birch , hardwood , combi core and so on), face/back with all kinds of sliced fancy veneers from solid woods(ash, birch, cheery, walnut, teak, beech, oak, elm and so on).

Advantage

Uniform material quality, dense lamellar structure, the surface flat and smooth, not easy to deformation, stable performance, the edge light and smooth, not easy to collapse edge and layered, non-toxic, tasteless, non-radiation and good air permeability. Good thermal insulation performance, not aging and strong adhesion.

Application



Format Size:	1220*2440mm , 915*1830mm , 1250*2500mm , 1500*3000mm(customized according to requirements).
Thickness:	3.0mm – 30mm (customized according to requirements).
Core:	Common plywood (poplar , Eucalyptus , pine , birch , hardwood , combi core)
Raw Material:	Natural Veneer – red oak / white oak / sapele / beech / okoume / Burma teak / recon / bamboo silk.
Standard	CE,FSC,CARB,ISO 9001,SGS,BS 1088,AS/NZS 2272,PEFT,EN 314,BS EN 350,ISO 14001.
Face/back	One side or both sides overlaid by melamine film , melamine film with all kinds of grains(single color , wooden , stone and so on).
Glue:	WBP(melamine) , phenolic.
Application	Use where appearance of plywood is not important for interior application as furniture.

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RobertWang@pianoplywood.com

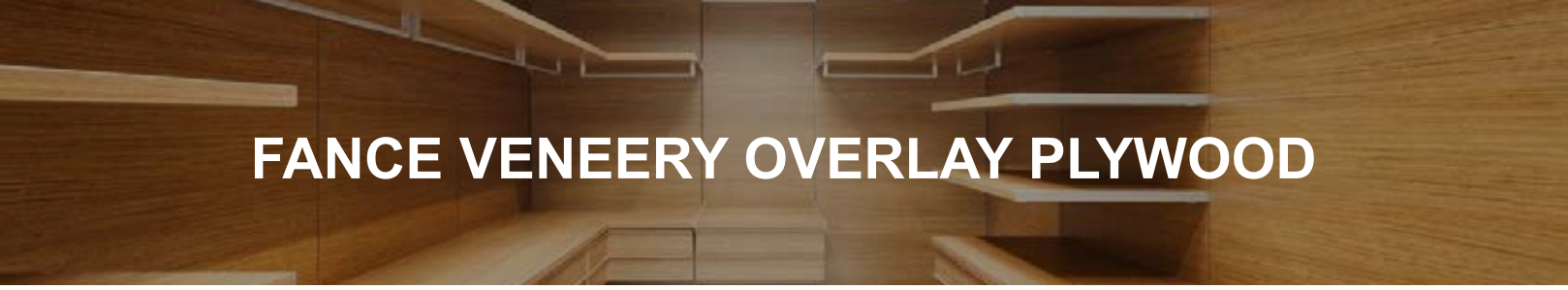
PHN/WA/WX: +86-133 1189 1208

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PIANOPLYWOOD

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FANCE VENEERY OVERLAY PLYWOOD


African Walnut PC


African Walnut QC


Afromosia PC


Afromosia QC


Albino Bird Eye Maple


Anigre QC


Birch


Bird Eye Maple


Black Heart Hickory


Brazilian Rosewood PC


Burmese Teak PC


Burmese Teak QC


Cherry PC


Cherry QC


China Ash PC


D'Grey Fig Eucalyptus


Douglas Fir


Figured Ash QC


Figured Maple PC


Figured Maple QC


Figured Sycamore QC


Grey Figured Maple


Macassar Ebony


Mahagony QC

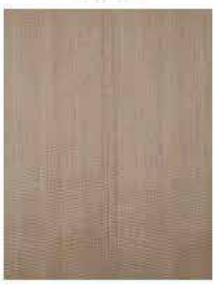

Maple PC


Maple QC


Nyatoh QC


Padauk PC


Pommele Sapele


Recon Figured Anigre

Fax/Tel: +86-21-50792750

RobertWang@pianoplywood.com

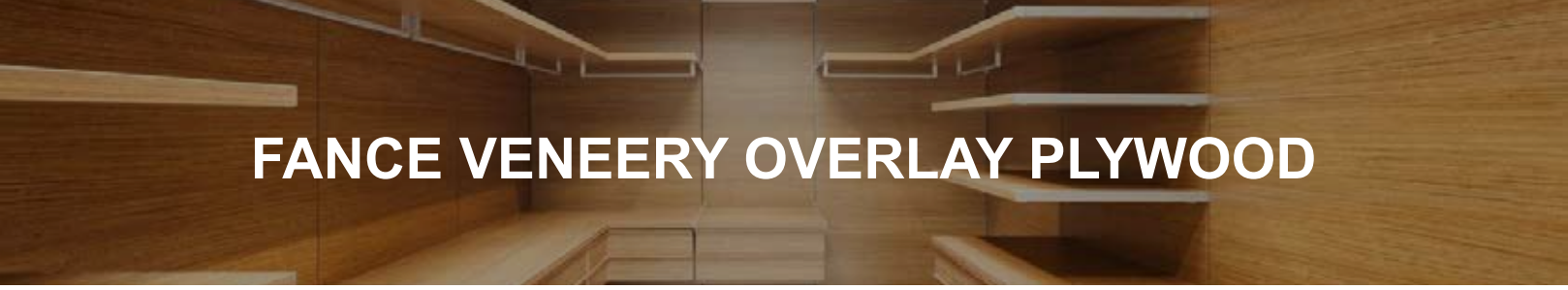
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PIANOPLYWOOD

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FANCE VENEERY OVERLAY PLYWOOD


Recon Teak QC


Rough Cut Wild Ash


Rough Cut Wild Oak


Sandblast Hinoki


Sandblast Oak QC


Sandblast Paulowonia


Sandblast Wenge QC


Sandblast White Ash PC


Sandblast White Ash QC


Sandblast White Oak PC


Sandblast white Oak QC


Sandblast White Ash QC


Sandblast Wile Oak PC


Sandblast Wild Teak


Sapele QC


Slipmatch White Ash QC


Slipmatch White Oak


Smoked Figured Eucalyptus


Smoked Larch


Smoked Oak


Sucupria


Walnut PC


Walnut QC


Weathered Wild Oak


Wenge PC


Wenge QC


White Ash PC


White Oak PC


White Oak QC


Wild Teak

Fax/Tel: +86-21-50792750

RobertWang@pianoplywood.com

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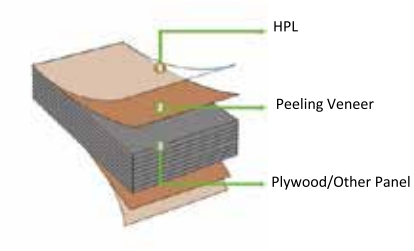
WA BUINESS



HPL OVERLAY PANEL

PRODUCT
HPL OVERLAY PANEL

PIANO



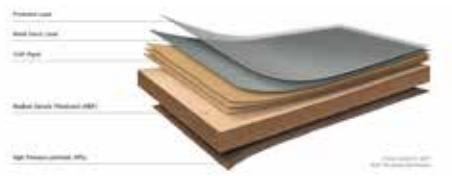




Application Products:



Chipboard core



MDF core



Plywood core



Blockboard Core



Laminated core

Application Scenario:



Laboratory



Office



Cabinet



Door



Vehicle

Format size:	1220*2440mm.
Thickness:	Customized according to customer needs.
Product details:	HPL one side or both sides , coreboard from plywood , blockboard , MDF , HDF , Chipboard ,laminated board.
Standard:	CE,FSC,CARB,ISO 9001,SGS.
Surface design:	Ultra shinning , shinning , MATT , smooth , textured .
Application:	Furniture , furniture for laboratory/computer room/office , cabinet & carpentry. Decoration , decoration for Car/Ship/Aircraft , door & window.

Fax/Tel: +86-21-50792750

RobertWang@pianoplywood.com

PHN/WA/WX: +86-133 1189 1208

www.pianoplywood.com

Block E,Floor 4,NO.58,New JinqiaoRD,Pudong District,Shanghai 201206,China

PIANOPLYWOOD

WA BUINESS



HPL OVERLAY PANEL

Designs









Fax/Tel: +86-21-50792750

RobertWang@pianoplywood.com

PHN/WA/WX: +86-133 1189 1208

www.pianoplywood.com

Block E,Floor 4,NO.58,New JinqiaoRD,Pudong District,Shanghai 201206,China

PIANOPLYWOOD

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HPL OVERLAY PANEL

Designs









Fax/Tel: +86-21-50792750

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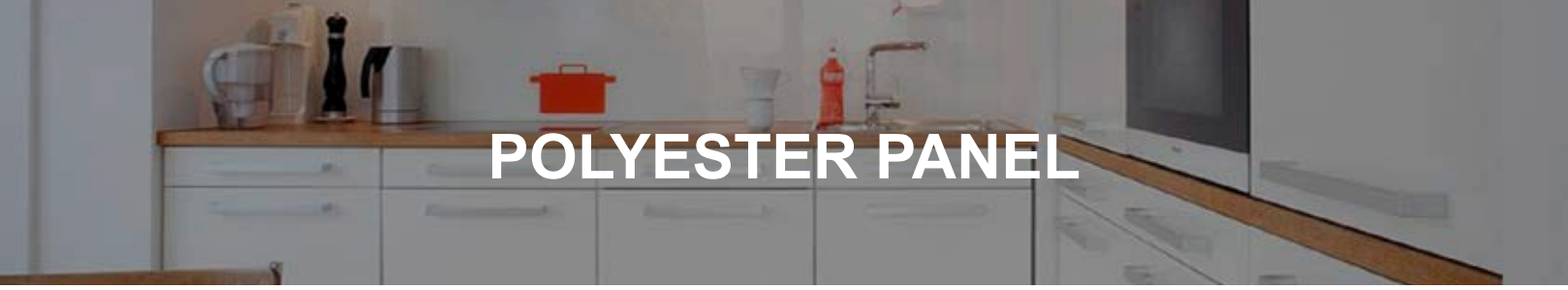
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PIANOPLYWOOD

WA BUINESS



POLYESTER PANEL

PRODUCT
POLYESTER PANEL

PIANO







Each piece of Polyester Panels are made by experience applicator by hand. Polyester Resin is mixed and applied by experienced applicator to create a master piece of its own. Our applicator takes pride in every piece they produce.

GUARANTEED 100% PE RESIN

SCRATCH, HEAT, WATER AND CHEMICAL RESISTANCE



White Embossed
*2440*1220*3.6mm*



Black Leather
*2440*1220*3.6mm*



Gloss Light Grey
*2440*1220*3.6mm*



White Matt
*2440*1220*3.6mm*

Application



Cabinet



Furniture



Decoration

Format Size:	1220*2440mm (customized according to requirements).
Thickness:	2.7mm , 3.0mm , 3.6mm , 5.2mm , 18mm (customized according to requirements).
Core:	poplar , Eucalyptus , pine , birch , hardwood , combi core.
Standard	CE,FSC,CARB,ISO 9001,SGS, BS EN 313 , BS EN 314 , BS EN 635 , BS 1088 , BS EN 636.
panel:	Plywood , MDF , Blockboard.
Application	Furniture , walls , cabinet , interior ceiling decoration.

Fax/Tel: +86-21-50792750

RobertWang@pianoplywood.com

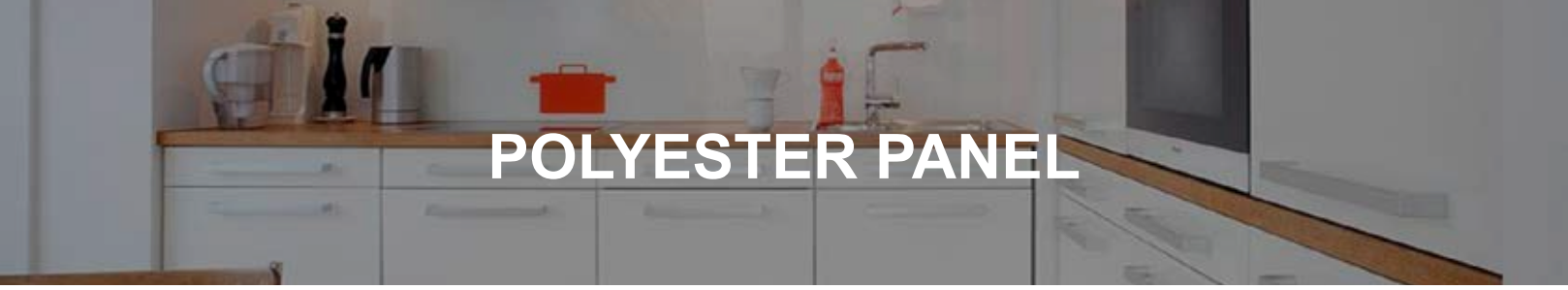
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PIANOPLYWOOD

WA BUINESS



POLYESTER PANEL

PRODUCT
POLYESTER FILM DESIGN



White matt



White gloss



Grey Embossed



3PX Sq Embossed



White Leather



Black Leather



White Stipple



Vista Maple

White

Light Grey



Grey



Graphite

Cream



3PX Linen

3PY Abstract



Wood Grain

Fax/Tel: +86-21-50792750

RobertWang@pianoplywood.com

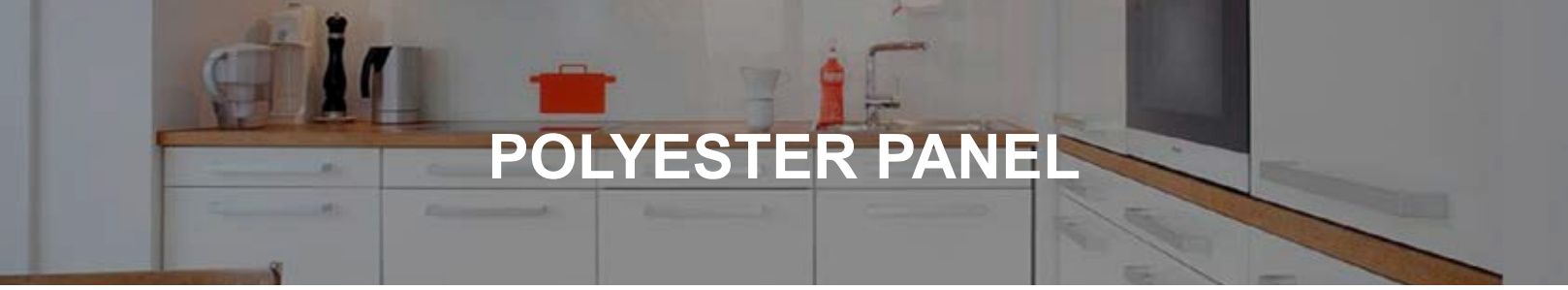
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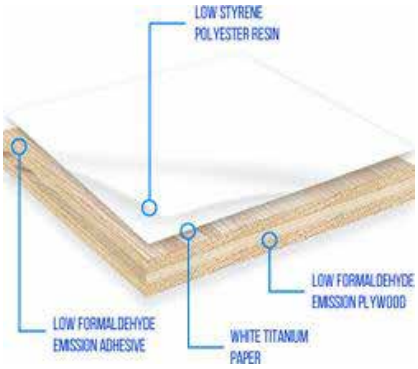
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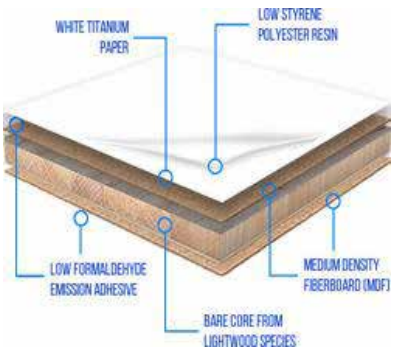
POLYESTER PANEL



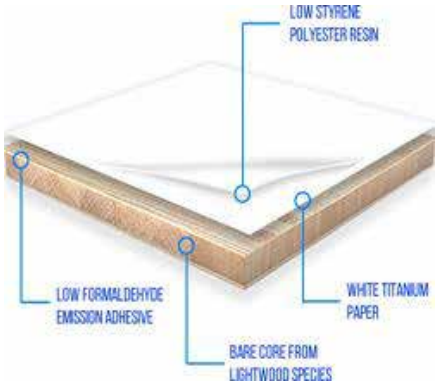
Polyester Plywood with Textured Paper



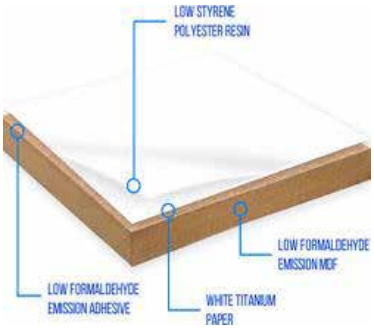
Polyester Plywood



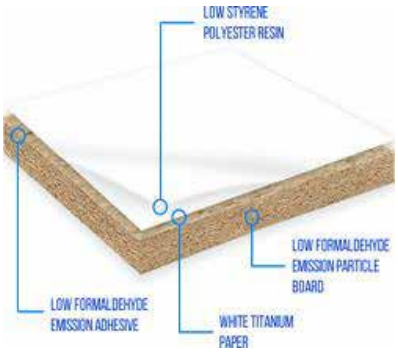
Polyester Blockboard MDF



Polyester Blockboard



Polyester MDF



Polyester Particle Board

Fax/Tel: +86-21-50792750
RobertWang@pianoplywood.com
PHN/WA/WX: +86-133 1189 1208
www.pianoplywood.com
Block E,Floor 4,NO.58,New JinqiaoRD,Pudong District,Shanghai 201206,China

PIANOPLYWOOD WA BUINESS



BLOCKBOARD

PRODUCT
BLOCKBOARD

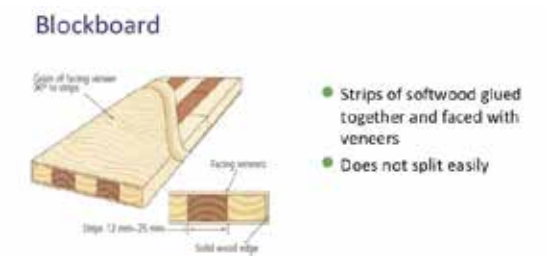




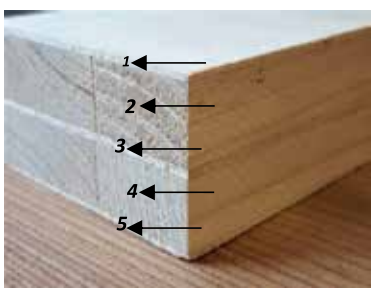


Construction:

Block board is made up of a core of softwood strips. The strips are placed edge to edge and sandwiched between veneers of hardwood. A single veneer on both sides is known as 3-ply. A double veneer on both sides is called 5-ply. The sandwich is then glued under high pressure.



•***Veneered blockboard*** *is a kind of fancy block board base decorative panel.The blockboard also can laminate the HPL,melamine paper. But the most important is the selecting of right base board and face & back veneers for this kind of veneered blockboard.We suggest to choose the good quality block board as the base board.And then face the wood veneers for the face and back of the blockboard.*



1. Face : peeling/slice/Engineered wood veneer/HPL/Melamine film/decorative epaper/polyester film/UV Coating/HDF/plastic.
2. 1-2 layers peeling veneer
3. Core: laminated solid wood strips , poplar core , paulownia core, malacca core , hardwood core , fir core , pine core.
4. 1-2 layers peeling veneer
5. Back: same as per no.1 , or blance layer. which can make the full sheets of veneered block board have a better stability

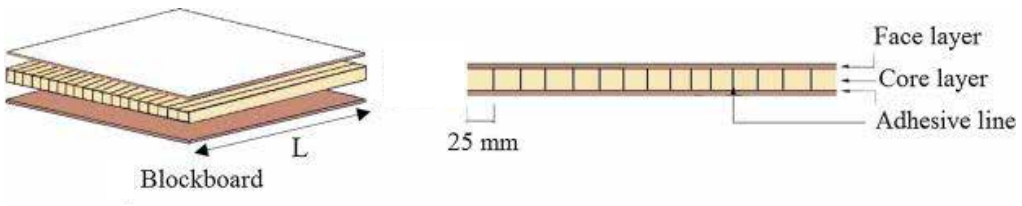
Format size:	1220*2440mm , 1500*3000mm
Thickness:	15 to 40 millimeters.
Material:	Poplar core , paulownia core , malacca core , hardwood core , fir core , pine core.
Standard	CE , FSC , CARB , ISO 9001 , SGS , BS EN 635 , BS EN 636 , BS EN 13986.
Type:	Far Eastern Lightweight , BB Birch Blockboard , Ash Faced Blockboard , Oak Faced Blockboard , Chinese Blockboard.
Application	Furniture , shelves , doors , paneling and partitions.

Fax/Tel: +86-21-50792750
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PIANOPLYWOOD
WA BUINESS



BLOCKBOARD





TECHNICAL SPECIFICATIONS (IS:1659)			
	TEST	ISI REQUIREMENT	Observed Value
1 a) b) c)	Dimensional Changes caused by Humidity Changes, mm from 65% RH to 90% RH from 65% RH to 40% RH Local Planeness At the extreme range of humidity	 + 1mm Max - 1mm Max. < 1/150 No de-lamination at the extreme range of humidity	 + 0.50 mm - 0.55 mm < 1/175 No de-lamination observed
2	Adhesion of the plies	Minimum pass standard	Excellent
3	Resistance to water (72 hours boiling)	No de-lamination after 72 hours boiling	No de-lamination
4	Resistance to Micro organisms	No appreciable sign of separation at edges.	No separation at edges
5	Modulus of Elasticity	Min. 5000 N / sq.mm	6050 N / sq.mm
6	Modulus of Rupture	Min. 50 N / sq.mm	61 N / sq.mm

Fax/Tel: +86-21-50792750
RobertWang@pianoplywood.com
PHN/WA/WX: +86-133 1189 1208
www.pianoplywood.com
Block E,Floor 4,NO.58,New JinqiaoRD,Pudong District,Shanghai 201206,China

PIANOPLYWOOD WA BUINESS



TEXTURED PLYWOOD

PRODUCT
TEXTURED PLYWOOD

PIANO







Products












Application



office



decoration

Format Size:	1220*2440mm , 1250*2500mm (customized according to needs).
Thickness:	5.0mm – 30mm (customized according to needs).
Standard	CE,FSC,CARB,ISO 9001,SGS,BS 1088,AS/NZS 2272,PEFT,EN 314,BS EN 350,ISO 14001.
Core:	Larch , Poplar , hardwood , hardwood combi , birch , eucalypts , as your requirement.
Grade:	Furniture Grade.
Face & back:	Embossed larch for face , larch for back.
Application	Structure , decoration , furniture & handicraft, wooden house.

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PIANOPLYWOOD

WA BUINESS

PIANO

PianoPlywood

CHINESE BUILDING MATERIAL EXPERT, ONE STOP SERVICE PROVIDER

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