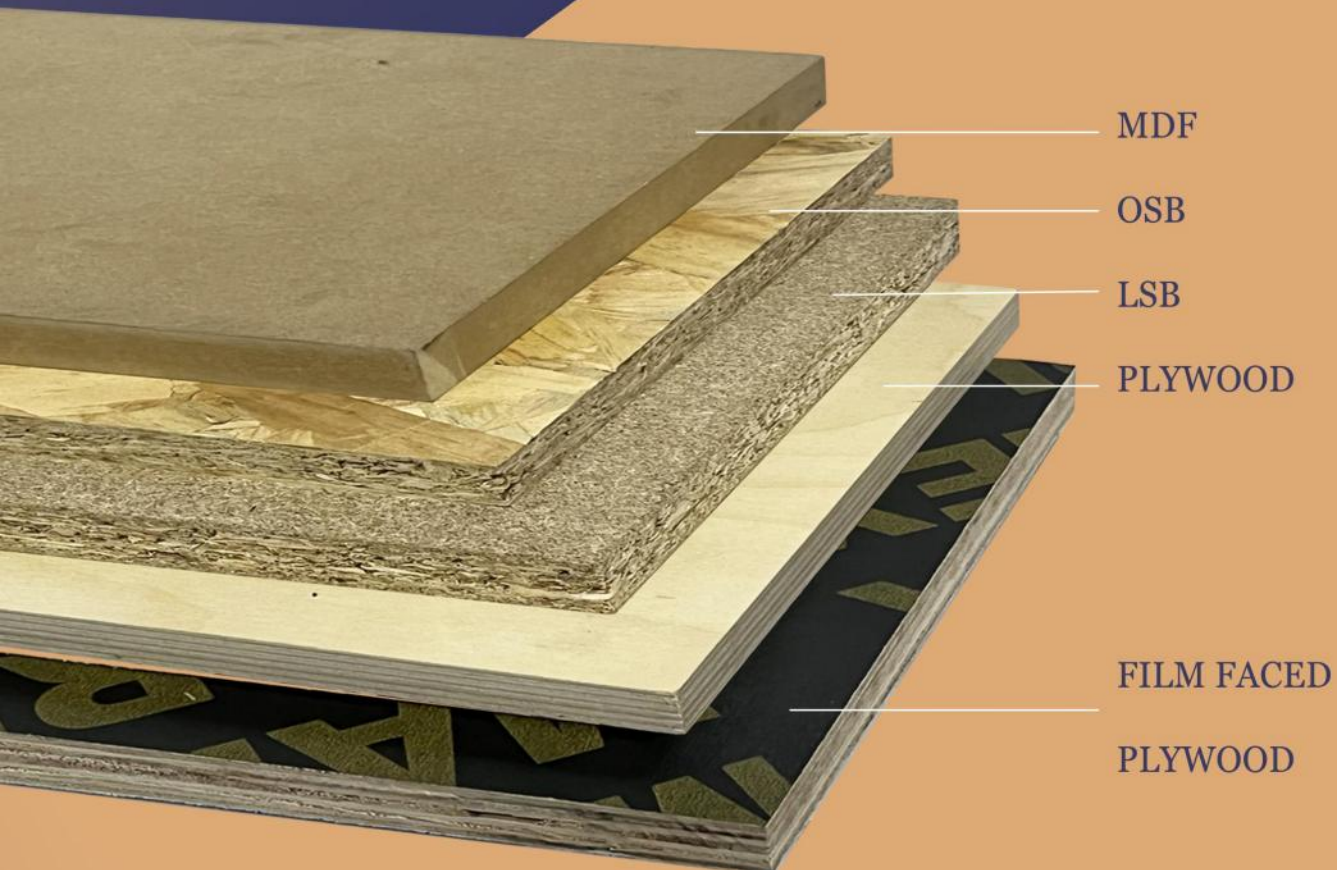


LINYI HONEST WOOD CO.,LTD

Green Healthy Home~



HONEST INTRODUCTION



Linyi Honest wood. Not forgetting the original intention, adhere to the concept of building a green and healthy home, and provide consumers with high-quality products that are healthy and environmentally friendly. It is a professional and excellent residential building materials supplier in China

- MAIN PRODUCTS:

OSB、MDF、Commercial Plywood、Film Faced Plywood、PET Board、UV Board and so on.

- CAPACITY:

Factory was established in 2013, located in Linyi city, Shandong, covering 54,000 square meters, has 100 workers with 300,000CBM/year capacity,

- MAIN MARKET:

Europe, America, South America Australia, Middle East, Asia and Africa.

- CERTIFICATION:

CE, ISO, FSC



Catalogue

1.OSB

2.Film faced plywood

3.Commercial plywood

4.MDF

5.PET Board

6.Melamine Board

OSB Board Series

HONEST OSB include OSB2 Natural, OSB3 Structural, Flame retardant OSB, LSB (Laminated OSB), T&G OSB, Smart OSB, which are widely used in building structure materials, building decoration materials, indoor furniture, packing and so on.

OSB3 Structural



Pine OSB3 Structural



Poplar OSB3 Structural

OSB2 Natural



Pine OSB2 E0



Flame retardant OSB



LSB (Laminated OSB)



T&G OSB

OSB3 Structural

Raw Materials: New Zealand Radiata Pine,

Glue: MDI glue, Formaldehyde-free, Waterproof

Production line: German Automatically Dieffenbach

OSB Production Line



Specification:

Length	2440mm (8ft.)	2500mm
Width	1220mm (4ft.)	1250mm
Thickness		
8mm		
9mm	3/8 in.	9.5mm
11mm	7/16 in.	11.1mm
12mm	15/32 in., 1/2 in.	
14mm		
15mm		15.1mm
18mm	3/4 in.	18.3mm
22mm	5/8 in.	

Technology:

Use New Zealand Radiata pine wood as the raw material, peeled and processed into high-quality large shavings, combined with the use of aldehyde-free added MDI glue, and made by processes such as dry sizing, directional paving, and hot pressing.

Advantages:

1. Raw Materials: New Zealand Radiata pine, Rosin has no peculiar smell;
2. Production line: German Automatically Dieffenbach OSB Production Line
3. Glue: MDI glue, Formaldehyde-free, Waterproof
4. Stable Structural: Three-layer directional paving, criss-crossing, impact resistance and not easy to deform



Automatic OSB Production Line

Germany industry 4.0 Advanced production machinery



German Siempelkamp production line



German Perlman long shavings machine



Italian Immapal three-layer super sieve



Germany GRECON online thickness detector

High quality raw material: Australian / New Zealand Radiata Pine



- ★ The pine itself contains a light pine fragrance. The peeled pine does not contain impurities such as bark that are easy to spoil. The finished OSB board has no pungent smell;
- ★ The pine wood structure is uniform, the density, thickness, and strength in the board are uniform, without voids, warpage, and deformation; Pine Wood has good nail holding power and strong permeability.

MDI Adhesive

Use formaldehyde-free added adhesive, good for health and environment

Formaldehyde content in natural environment: 0.02–0.05 mg/m³

HONEST OSB3 is No formaldehyde added OSB

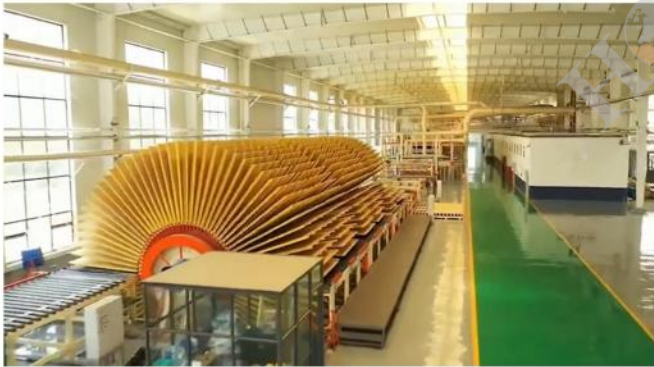
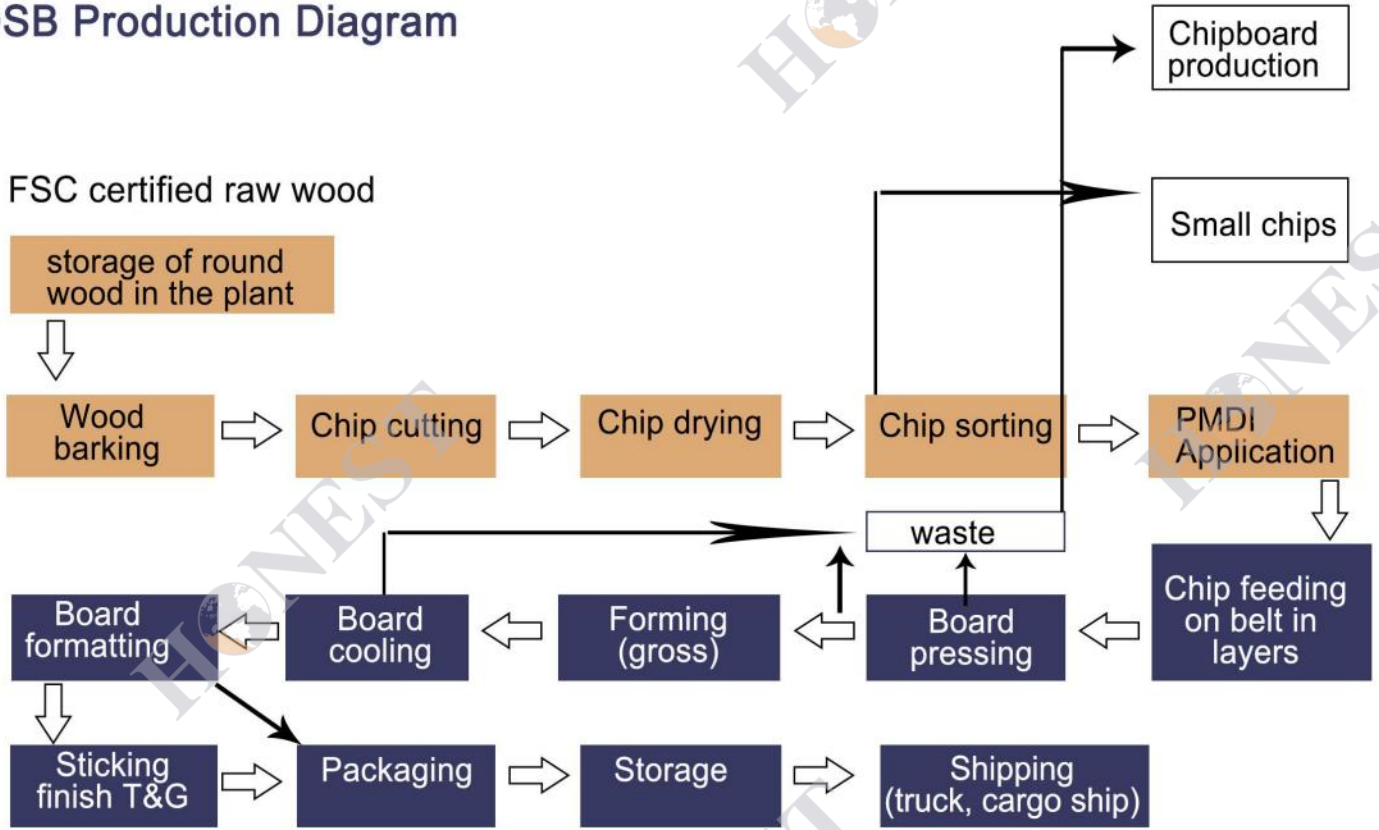
Low water swelling rate

MDI glue itself is not easy to dissolve in water. The core material of radiata pine is flexible and has a low expansion rate. During the production process of hot pressing, MDI glue reacts with water molecules in the wood to effectively prevent water from entering the core surroundings;



OSB Production Diagram

FSC certified raw wood



OSB2 Natural

Raw Materials: Poplar/Pine/Combine wood

Glue: Melamine Glue, E0/E1/E2, Moisture Proof

Production line: China Brand Hot Press Type Production

Line or Continuous Flat Pressing Machine



Specification:

Length	2440mm (8ft.)	2500mm
Width	1220mm (4ft.)	1250mm
Thickness		
8mm		
9mm	3/8 in.	9.5mm
11mm	7/16 in.	11.1mm
12mm	15/32 in., 1/2 in .	
14mm		
15mm		15.1mm
18mm	3/4 in	18.3mm
22mm	5/8 in.	

Technology:

Use Poplar/Pine/Combine wood as the raw material, added Melamine glue, and made by processes such as dry sizing, directional paving, and hot pressing and so on.

Advantages:

- 1.Raw Materials: Poplar/Pine/Combine wood
- 2.Glue: Melamine Glue, E0/E1/E2, Moisture Proof
- 3.Production line: China Brand Hot Press Type Production Line or Continuous Flat Pressing Machine

Application:

Interior Wall, furniture, decoration, packing, and so on.



OSB3 Fireproof

Raw Materials: New Zealand Radiata Pine,

Glue: MDI glue, Formaldehyde-free, Waterproof

Production line: German Automatically Dieffenbach
OSB Production Line



Specification:

Length	2440mm (8ft.)	2500mm
Width	1220mm (4ft.)	1250mm
Thickness		
	8mm	
	9mm	3/8 in.
	11mm	7/16 in.
	12mm	15/32 in., 1/2 in .
	14mm	
	15mm	15.1mm
	18mm	3/4 in
	22mm	5/8 in.

Technology:

Fireproof OSB, it is a OSB made by adding flame retardant to the board production line through a complex process in the production process.

The fireproof OSB is made by several processes such as flame-retardant treatment, drying, gluing, and hot pressing, which effectively inhibits the burning of fireworks, slows down the spread of fire, and inhibits the concentration and toxicity of smoke when the material burns, creating conditions for evacuation of the fire to extend the escape time.

Advantages:

Fireproof OSB can play an important role in emergency situations:

1. Because of its non-flammable characteristics, it can slow down the spread of fire and provide vital time for personnel escape and fire rescue;
2. Because Its manufacturing process and internal structure can play a certain role in suppressing tobacco poison and reduce direct harm to the human body.

Technical data

Product Name	OSB3 fireproof	Glue	MDI glue, waterproof, No formaldehyde
Brand	HONEST	Wood Material	New Zealand Radiata Pine,
Tolerance	±0.2mm in the thickness,	Density	600-620Kgs/CBM
Density tolerance	±10%	Moisture content	≤10%
Elasticity modulus(parallel)	Average value(Mpa): ≥3500	Elasticity modulus (vertical)	Average value(Mpa): ≥1400
	Minimum value (Mpa): ≥2800		Minimum value (Mpa): ≥1120
Internal bond strength	Average value(Mpa): ≥0.32	Formaldehyde emission (mg/100g)	E0
	Minimum value (Mpa): ≥0.256		

Fireproof OSB testing report

The fireproof OSB retardant performance, smoke suppression performance and smoke toxicity meet the requirements of the China national standard GB 8624-2012 "Combustion performance classification of building materials and products" B1 flame retardant material, and meet the national standard GB20286-2006 "Fire retardant products in public places" And component combustion performance requirements and labeling requirements.

Change the traditional coating/immersion slab process, adopt the small piece spray method, 120 three-dimensional nozzles spray at high speed, the flame retardant penetrates every detail, perfectly reaches the B1 level, and truly achieves the B1 flame retardant

报告编号 (Report NO.): 2013103284

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检测报告

TEST REPORT

序号 Serial No.	检测项目 Test Items	技术要求 Requirement	检测结果 Test Results	单项结论 Item Conclusion	备注 Remarks
1	燃烧增长速率指数 FIGRA _{0.4MJ} W/s	≤250	61	符合	/
	火焰横向蔓延情况	火焰横向蔓延未 到达试样长翼边 缘	符合要求	符合	/
	600s 的总放热量 THR _{600s} MJ	≤15	4.0	符合	/
	60s 内焰尖高度 F _s mm	≤150	<150	符合	/
	60s 内有无燃烧滴落 物引燃滤纸现象	60s 内无燃烧滴落 物引燃滤纸现象	符合要求	符合	/
安装说明: 试样按 GB/T 20284-2006 第 5.2.2.c) 条规定采用机械方式固定于基材, 基材紧贴背板。 基材为厚 9mm, 密度 800kg/m ³ 的石膏板。背板为厚 9mm, 密度 900kg/m ³ 的硅酸钙板。 试样受火面为正面。					

LSB (Laminated OSB)

LSB, OSB3 core, two layers of fine fiber on the upper and lower layers, it can be laminated with melamine paper, UV, Veneer



LSB is the upgraded version of OSB. It improves the surface paving process of the OSB board, which makes the surface flatter, and makes up for the defect that the OSB can't be directly decorated due to the exposed large shavings. It can be directly decorated.



Wood Material	Length	Width	Thickness	Grade
New zealand Radiata Pine	2440/2500mm	1220/1250mm	9/11/12/15/17 /18mm	MDI,no formaldehyde

Technology:

LSB, OSB3 core, two layers of fine fiber on the upper and lower layers, it can be laminated with melamine paper, UV, Veneer

Advantage:

1. Eo no formaldehyde
2. The surface is smooth: with two layers of fine wood fiber on the upper and lower surfaces, and the product has good smoothness
3. The LSB board improves the surface paving process of the OSB board, which makes the surface flatter, and makes up for the defect that the OSB can't be directly decorated due to the exposed large shavings. It can be directly decorated.

Application:

Public interior building decoration, etc.

Technology:

- ★ Select high-quality pine wood as raw material, peel it into high-quality shavings, and pave it in layers to form the core layer of the product structure;
- ★ The upper and lower surfaces are paved with wood fiber fine materials and formed by high temperature and high pressure pressing.



LSB advantages:

- ★ Smooth surface: two layers of fine wood fiber on the upper and lower surfaces, the product has good smoothness;
- ★ It can be directly veneer: the surface can be directly pasted with veneer, painted and pressed with melamine facing paper for decoration, matching various architectural styles;
- ★ Stable performance: high temperature and high pressure integrated molding, product stability, high physical performance



T&G OSB

Structural board designed for floors as it has tongue and groove edges and its termination face is calibrated, which allows to deliver a better termination surface to receive carpets or floating floors.



The tongue and groove edge along the board makes it possible to eliminate chains, improves the joint between boards and stiffens the structure, which means that, when walking on the board joints, they work together and there are no independent movements between them.



APPLICATIONS

Only on floor platforms as a base for tile, carpet, floating floor and others (in the case of ceramic, use an intermediate layer of fiber cement).

FORMAT

Thickness: 15 and 18 mm

Width 1.22 m

Height 2.44 m

BENEFITS

- Tongues for quick and easy installation.
- Calibrated, which allow better finishing of floors.
- It can be installed in adverse weather conditions, as it allows water to run off.



HONEST Film Faced Plywood has different core species for client choose:

- Finger Jointed Core/ Strip Core
- Poplar core
- Eucalyptus core (Hardwood core)
- Full Birch core

Core Structure Option



Film color



ECOPLEX Film Faced Plywood

Raw Materials: 2+2 or 1+1-layers poplar/pine veneer

Core: Finger joint core or Joint core (recycled core)

Glue: MR Melamine, Phenolic WBP

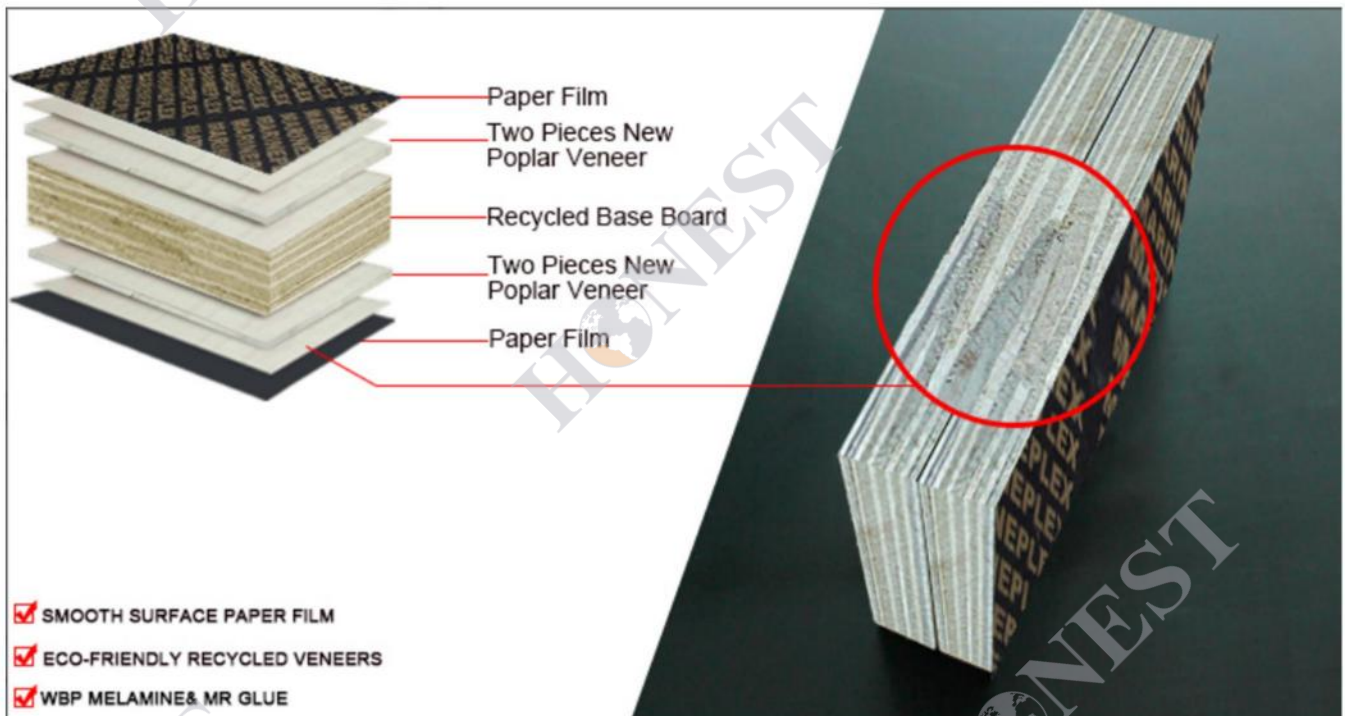
Film: Brown, Black, Red, etc.

Usage times: 2-4 times.



Technology:

Recycled film faced plywood uses recycled plywood as the middle core and cover new 2 layers veneers in the top and bottom of recycled middle core, and then be pressed into a new sheet of plywood.



Advantages:

- ★ Recycled film faced plywood is the cheapest product type in global formwork panels. It can be used 2-4 times under the normal condition. (note: our customer in South America told us they use Echoplex + 2 sides for 10 times and when the film is broken they repair and continue using it)
- ★ It saves wood/forest resources by turning used plywood into new plywood. Use carefully selected 2nd hand plywood to guarantee middle core quality
- ★ Pre-treated to clean inner concrete rubbish as best as possible with 90% chance that will not break saw

Two types recycled core

Technically, strip core has better performance than finger joint core in regards to core strength and inner rubbish cleaning level, but finger joint core is much more famous. and in some areas, people use finger joint plywood as the sole name referring to recycled plywood.



Finger Jointed Core



Strip core

It is made by small pieces recycled wood, connected by the glue

Technical Parameter

Name	Film faced plywood ECOPLEX Series Recycled core (Finger joint /Strip)
Series Name	ECOPLEX
Size	1220X2440mm
Thickness	9mm,12mm,15mm,16mm,17mm,18mm Customization 9mm-25mm.
Thickness Tolerance	15-18mm or upon request (-1mm, +0.5mm)
Core	Finger-joint core, strip core
Film options:	Domestic Black/Brown film/Red film
Edge	Sealed with water proof paint, color can be upon request
Glue	MR Melamine, Phenolic WBP
Hot press times	ECOPLEX --1 times for whole panel ECOPLEX+---2 times for core and 1 time for film
Moisture	8%-12% at the time of shipment
Usage	Real estate construction /formwork panel
REMARKS	<p>ECOPLEX film faced plywood is our company's fastest moving series film faced plywood due to its cheap price and high performance.</p> <p>If you are looking for 3 using times panel and don't want to pay more, our ECOPLEX+ series is your best choice.</p> <p>ECOPLEX + uses more strictly selected recycled core with less concrete waste than ECOPLEX and has much smoother film surface.</p> <p>Even for cheapest product we have a quality option for you.</p>

Film Faced Plywood HOUSEPLEX Full Poplar Core

Raw Materials: Full Poplar

Glue: WBP, Melamine

Core Species: Full Poplar Core

Film: Brown, Black, Red, Green, etc.

Using Times: 6-12 times



Technical Parameter

Name	Film Faced Plywood HOUSEPLEX Full Poplar Core
Series Name	HOUSEPLEX
Size	1.small sizes:915x1830mm,610x2500mm 2.standard sizes:1220X2440mm, 1250x2500mm 3.big size:1500x3000mm/1525*3050mm, (accept customization)
Thickness (mm)	9,12,15,18,21,25, etc. Customization 9mm-25mm.
Thickness Tolerance	+0.5mm upon request
Core	Poplar, Hardwood, eucalyptus, Birch, Combi, Pine
Color of surface/film	Dynea brown /black, Domestic Black/Brown /Red film
Surface Treatment	Smooth/wire mesh(anti-slip)
Edge	Dark brown waterproof paint (other colors as requested)
Glue	The WBP Melamine Glue (Water Boiling around 8-10 hours as what we supply to our clients), The WBP Phenolic glue (Water Boiling over 72 hours), We can customize the plywood with different glue to meet our clients' requests.
Number of Layers	9mm(5,7,9ply),12mm(7,9Ply) 15mm(7,9,11ply),18mm(7,9,11,13,15ply)
Hot press times	HOUSEPLEX --1 times for whole panel HOUSEPLEX+---2 times for core and 1 times for film
Moisture	8%-12% at the time of shipment
Usage	Real estate construction /formwork panel



Film Faced Plywood with Hardwood Core

Raw Materials: Hardwood

Glue: WBP Phenolic

Core Species: Hardwood

Film: Brown, Black, Red, Green, etc.

Using Times: 15-30 times



The full hardwood core film faced plywood is the best quality plywood. The full hardwood core film faced plywood is made of full HARDWOOD veneer. The full hardwood core film faced plywood has high density, high hardness and can be reused 15-30 times. It is the highest quality on the market.

Technical Parameter

Name	Film faced plywood STRUCTPLEX HARDWOOD Core
Series Name	STRUCTPLEX
Size	1. small sizes: 915*1830mm, 610*2500mm 2. standard sizes: 1220*2440mm, 1250*2500mm 3. big size: 1500*3000mm/1525*3050mm, (accept customization)
Thickness (mm)	9, 12, 15, 18, 21, 25, etc. Customization 9mm-25mm.
Thickness Tolerance	+0.5mm upon request
Core	Poplar, Hardwood, eucalyptus, Birch, Combi, Pine
Color of surface/film	Dynea brown /black, Domestic Black/Brown /Red film
Surface Treatment	Smooth/wire mesh(anti-slip)
Edge	Dark brown waterproof paint (other colors as requested)
Glue	The WBP Melamine Glue (Water Boiling around 8-10 hours as what we supply to our clients), The WBP Phenolic glue (Water Boiling over 72 hours), We can customize the plywood with different glue to meet our clients' requests.
Number of Layers	9mm(5,7,9ply), 12mm(7,9Ply) 15mm(7,9,11ply), 18mm(7,9,11,13,15ply)
Hot press times	STRUCTPLEX –1 times for whole panel STRUCTPLEX +—2 times for core and 1 times for film
Moisture	8%-12% at the time of shipment
Usage	Real estate construction /formwork panel

From raw material to production technique, we paid a lot of special attention, Better use comparisons to illustrate

HONEST
Film Faced Plywood

Vs

Typical industry standard



Logs

Select Grade slow growing big diameter poplar trees (higher strength, better glue absorption ability)

fast growing poplar trees (majority is small diameter)



Veneer Peeling

1300x2600mm size (both long and short grain) veneer

small sizes



Glue

made in house with special formula. 20+ hours /72 hours in boiling water, consistent quality

outsourced glue from glue mills, 2-4 hours / 6-8 hours in boiling water, can not guarantee consistent quality



Veneer Drying Condition

400 meter long drying machine, identical moisture content in each piece, MC evenly spread

natural dry by sunlight and wind, MC depends on weather, MC not identical in each veneer, MC not evenly spread

Okoume plywood

Okoume plywood is made from the wood of the Okoume tree. It is sometimes called Okoume Mahogany and has a pinkish-brown or pale red hue.



Okoume has a uniform texture and the grain is straight to barely wavy that looks interlocked and attractive.

Okoume plywood is commonly used for building racing boats and other uses where lightweight wood is needed. It can also be used for building furniture or on kitchen cabinets because of its lustrous appearance.

Face&Back	Okoume
Core	Poplar, Hardwood, as your requirement.
Standard Size	1220*2440mm, 1220*2500mm, 1200*2400mm, 915*2135mm, 1250*2500mm or Customize
Thickness	2.0mm--25mm
Grade	BB/BB;BB/CC;
Glue	MELAMINE E1,E2
Moisture	10%-15%
Usage	Usage adequate for making furniture or construction, package or industry,



Red Oak plywood

The heart of red oak is yellow-brown to reddish-brown, with obvious growth rings, slightly wavy, heavy and hard, straight in texture, thick in structure, elegant in color, beautiful in texture, quite high in mechanical strength, wear-resistant, and the wood is not easy to dry, Sawing and cutting. The touch surface has a bumpy texture.



Specification:

Item Name	High quality Teak F&B Furniture and Decoration Plywood
Brand	HONEST
Size	1220*2440mm(4*8'),915*2135mm (3*7') , 1250*2500mm or upon request
Thickness	1.8~25mm
Thickness Tolerance	+/-0.2mm (thickness<6mm), +/-0.3~0.5mm (thickness≥6mm)
Face/Back	Teak veneer A,AA,AAA grade or other grade upon request
Surface Treatment	Polished/Non-Polished
Face veneer Cut Type	Plain sliced or upon request
Core	100% poplar, combi, 100% eucalyptus hardwood
Glue emission level	Carb P2(EPA), E0, E1, E2,
Grade	Cabinet grade/furniture grade/Interior decoration grade
Density	500-630kg/m ³
Moisture Content	10%~15%
Water Absorption	≤10%
Standard Packing	Inner Packing-Pallet is wrapped with 0.20mm plastic bag
	Outer Packing-pallets are covered with plywood or carton boxes and strong steel belts
Supply Ability	10000cbm/month
Payment Terms	T/T or L/C
Delivery Time	Within 2-3 weeks upon down payment or upon opening of L/C
Certification	ISO, CE, CARB,FSC

Bintangor Plywood

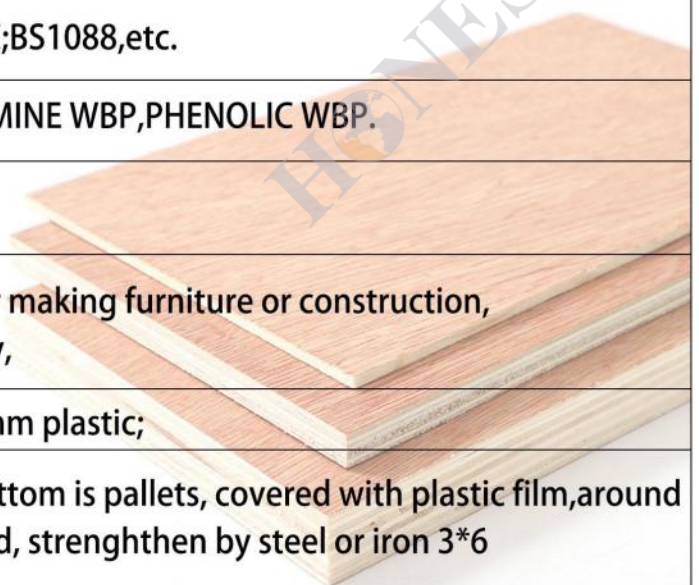
May call bintangor plywood exactly bintangor face veneer poplar core commercial plywood. also you can get the bintangor plywood with hardwood core. Bintangor (commercial name of Calophyllum), which sometimes wrongly spelled as Bingtangor, is a kind of red hardwood.



Rotary-cut Bintangor veneers have beautiful grains. This's why Bintangor is the usual face/back veneers of plywood. Bintangor plywood are suitable for furniture making and decorating because of good-looking grains.

The face/back veneers of BB/BB, BB/CC grade Bintangor plywood are clean and free of open defects. Bintangor plywood is a good choice for furniture making and decorating.

Face&Back	Bintangor, okoume, pencil cedar, sapele, pine, poplar, birch, etc.
Core	Poplar, Hardwood, Hardwood Combi, Birch, eucalypts, as your requirement.
Standard Size	1220*2440mm, 1220*2500mm, 1200*2400mm, 915*2135mm, 1250*2500mm or Customize
Thickness	2.0mm--25mm
Grade	B/BB;BB/CC;DBB/CC;BS1088,etc.
Glue	E0,E1,E2,MR,MELAMINE WBP,PHENOLIC WBP.
Moisture	10%-15%
Usage	Usage adequate for making furniture or construction, package or industry,
Packing	Inter packing: 0.2mm plastic;
	Ourter packing: bottom is pallets, covered with plastic film, around is carton or plywood, strenghthen by steel or iron 3*6



EV Plywood

EV Recon Poplar Veneer Plywood also called Engineered Recon poplar veneer plywood.

Engineered Wood veneers are also known as reconstituted, recomposed, man-made or manufactured veneers. As its name implies, however, engineered wood veneer is a re-manufactured product processed to achieve a pre-designed appearance.



People design different EV veneer to produce plywood for furniture. It is much cost-effective than Natural veneer.

Veneers can be made from timber logs as well as reconstructed wood composites. When it comes to choosing between a natural or reconstructed timber veneer for your project, the two top considerations are usually aesthetics and cost.

Technical Data

Product Name	EV poplar plywood
Size	1220*2440, 1250*2500, 920*920, 850*2050. Customized size are available.
Thickness	2-30mm
Thickness Tolerance	below 6mm: +/- 0.2mm; 6mm-30mm: +/- 0.5mm
Core	Poplar, Hardwood, Combi, etc
Grade	BB/BB, BB/CC, DBB/CC
Moisture content (%)	8-14%
Glue	E0, E1, E2, MR, WBP, Melamine
Density (kg/m ³)	520-700
Application	Can be widely used in indoor and outdoor
Color	White color EV, or Red color EV



Birch plywood

Birch plywood has a shiny finish and a smooth mechanism. Yellowish-white slightly brown, with obvious wood grain, high mechanical strength and elasticity. Because of its unique characteristics, it is loved by customers all over the world



The raw material for birch plywood comes from forests in the European part of Russia. Fresh logs are cut and placed directly into the cooking pot. The 1.4mm birch veneer is then produced with a Raute high-precision rotary cutter, which is dried, trimmed, selected, laid, and cold-pressed. thermoforming, then sawing, grinding, sorting, inspection, packaging and storage, the product has beautiful texture, less maintenance, high density, and can be widely used in furniture, decoration, ships, vehicles, toys, molds, template engineering, etc.

Product Name	Birch Plywood
Brand	HONEST
Main Material	Full Birch
Formaldehyde Emission Standards	EN E1(Below 0.02 mg/m ³)
Moisture	5%-12%
Grade	B/B,B/BB,S/BB,BB/BB,BB/CP,CP/CP,CP/C,C/C
Glue	MR/E0/E1/Melamine WBP/Phenolic WBP
Size(mm)	1525*1525 , 2440*1220, 2500*1250, 1525*3050 (accept customization)
Thickness	3MM~45MM
Thickness Tolerance	+/-0.3mm
Veneer Board Surface Finishing	Double-Sided Decoration
Certification	CARB,FSC,ISO9001, ISO45001
Color	Natural
Usage	Indoor & Ourdoor
Features	Whole board and whole core
	wear-resistant,anti-cracking,anti-acid and alkaline-resistant
	waterproof
	The wood is firm and tough

Structural Pine Plywood

structural pine plywood is a kind of plywood which have A-Bond types of glue bond. These are boards that are produced from phenol formaldehyde resin which will create a glue bond that will not weaken if exposed to wet conditions as well as temperature changes. B-Bonds are also considered structural plywood and made with Melamine-urea-formaldehyde.



Pine plywood is often used in furniture, ceilings, roofs, facades, construction or other industries. Due to its unique wooden texture, some users will only brush a layer of environmentally friendly aldehyde-free clear oil on the surface for decoration.

Specification:

Name	Structural pine plywood
Brand	HONEST
Size	1220*2440,1250*2500mm or upon request
Thickness Tolerance	3mm-32mm or upon request (+-0.3mm, +0.5mm)
Core	pine, poplar
Face and back	Natural pine veneer (radiata pine or larch)
Edge	Sealed with water proof paint, color can be upon request
Glue	phenolic, MR , E0, E1, E2 , P2
Hot press time	A & B type -2 times for core and 1 time for film
	C type-1 time for whole panel
Moisture content	8%-12% at the time of shipment
Usage	Real estate construction / formwork panel / furniture /package
Package	Outer packing: pallets are covered with plywood or carton boxes and strong
	Steel belts
Certification	CE, ISO,FSC

Pencil cedar plywood

Pencil pine is an excellent material for making plywood. The wood has a uniform structure and excellent impact resistance.

The density, thickness and strength of the board made of pencil pine are uniform, no voids, no warping, and it is not easy to deform. The board has good nail holding power and long service life. Green Environmental friendly.



At the same time, pencil pine is a good anti-corrosion wood, with stable performance and strong load-bearing capacity, and can be used in large buildings.

It is a good material for building, making bridges, decorating, making furniture, etc.~

Specification:

Name	Pencil pine plywood
Brand	HONEST
Size	1220*2440,1250*2500mm or upon request
Thickness Tolerance	3mm-32mm or upon request (+-0.3mm, +0.5mm)
Core	pine, poplar
Face and back	Natural pine veneer (radiata pine or larch)
Edge	Sealed with water proof paint, color can be upon request
Glue	phenolic, MR , E0, E1, E2 , P2
Hot press time	A & B type -2 times for core and 1 time for film
	C type-1 time for whole panel
Moisture content	8%-12% at the time of shipment
Usage	Real estate construction / formwork panel / furniture /package
Package	Outer packing: pallets are covered with plywood or carton boxes and strong
	Steel belts
Certification	CE, ISO,FSC

America Black Walnut Wood Veneer Plywood

Walnut natural plywood is one of our specialty products, we Imported quality logs and. after a series of treatment, and sliced into long pieces and using the experienced technology and laminated on the surface of the boards, and its natural grains is very unique and is very popular by the high end of customers.



Advantages of black walnut:

1. The wood color is elegant, the wood grain is exquisite and unique, clear and charming, and the furniture produced is elegant and generous.
2. The moisture content of American black walnut wood is low, and the dry shrinkage and swelling of the wood will not affect the black walnut wood. Furniture has a major impact.
3. American black walnut wood furniture is not easy to crack and deform.
4. Strong hot-pressing ability; strong durability; strong anti-corrosion ability of heartwood.

Specification:

Item Name	Black Walnut decoration plywood
Size	1220*2440mm (4*8'), 912*2128mm (3*7'), 1250*2500mm or customized.
Thickness	1.8~25mm
Thickness Tolerance	+/-0.2mm (thickness<6mm), +/-0.3~0.5mm (thickness≥6mm)
Face/Back	B/C, other grades upon request.
Surface Treatment	Polished
Veneer Cut Type	Plain sliced or upon request.
Core	Poplar, hardwood core, combi core
Glue	Carb P2(EPA), E0, E1, E2,
Grade	Cabinet grade/furniture grade/decoration board grade
Density	500-620kg/m ³
Technical Parameters	Moisture Content-10%~15%
	Water Absorption-≤10%
	Modulus of Elasticity- ≥5000Mpa
	Static Bending Strength ≥30Mpa
	Surface Bonding Strength≥1.60Mpa
	Internal Bonding Strength≥0.90Mpa
Delivery Time	Screw Holding Ability, Face ≥1900N
Certification	Within 2~3weeks after receiving deposit or original L/C at sight
Mark	ISO9001:2000, CE, CARB

China Ash Plywood

The China Ash plywood is as its name suggests, the material color is milky white, the color is uniform, and the texture is neat and staggered, which is natural and beautiful. The board is straight and has no knots, and the density and strength are very high. After grinding, the surface is smooth and glossy, which is very suitable for making furniture.



China Ash plywood advantage:

1. China ash plywood has darker wood grain and better texture, which is suitable for furniture and handicraft carving.
2. China ash plywood has good paint and adhesive properties, and is a good material for construction, furniture, boats, plywood, and interior decoration.
3. The sapwood of China ash plywood is lighter in color, straight in texture, fine in structure, beautiful in pattern, moderate in material, anti-insect and corrosion-resistant, fast drying, small deformation, and easy to process.

Specification

Product name	China Ash Plywood
Brand	HONEST
Size	1220*2440mm or other size as per customer's request
Thickness	2.5mm-32mm
Thickness Tolerance	±0.2mm to ±0.3mm
Face	China Ash
Back	okoume or other tropical hardwood back, or double sides fancy
Surface Treatment	Polished
Core	Poplar / hardwood / combi
Glue	E0
Technics:	Sliced cut
Certification	CE ISO9001 FSC CARB etc.

China beech plywood

Beech plywood is a composite material formed by peeling or slicing the beech tree to form veneer, and then synthesizing the veneer together in a certain order (same direction or vertical structure).



Beech plywood can be used in high-end furniture production, cabinet wardrobes, yachts, carriage boards, floor substrates, speaker box boards, piano instrument parts and other fields. It is very popular among customers in many countries.

Name	China beech plywood
Face/Back	Beech veneer
Core Board	Poplar, Hardwood, Combi, Birch, Eucalyptus, as your requirement.
Surface	Double side Bintangor as your requirement.
Size	1220*2440mm (4'x8') , 915*2135mm (3'x7') , 1250*2500mm or upon request.
Thickness	4-25mm
Thickness Tolerance	Less than 6mm: $\pm 0.2\text{mm}$ to 0.3mm
	6-30mm: $\pm 0.4\text{mm}$ to 0.5mm
Glue	MR/E0/E1/E2/WBP/PHENOLIC
Grade	AAA, BB/BB, BB/CC, CC/CC, CC/DD, DD/EE
Moisture Content	<8%
Certification	ISO, CE, CARB, FSC
Packing	Interior packing: 0.2mm plastic;
	Outside packing: Pallet is in bottom, covered with plastic film, with plywood or MDF board all around for better protection.
	Strengthen by steel or iron.
Quantity	20GP 8pallets/21m ³
	40GP 16pallets/42m ³
	40HQ 18pallets/53m ³
Usage	Usage adequate for making furniture or construction, package or industry,
Payment	TT or L/C at sight.

Poplar plywood

Poplar plywood has the advantages of light weight, high strength, good elasticity, long fibers and high content and easy processing. It is a natural and environmentally friendly furniture and packaging material.

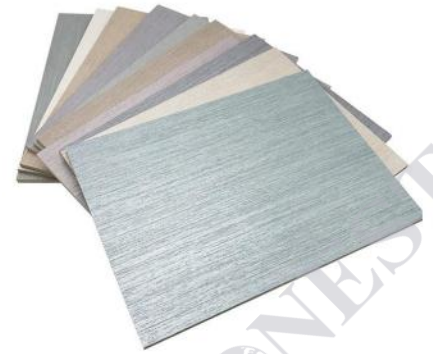


Specification:

Item Name	Poplar plywood
Size	1220*2440mm(4*8'),912*2128mm (3*7') ,1250*2500mm or customized.
Thickness	1.8~25mm
Thickness Tolerance	+/-0.2mm (thickness<6mm), +/-0.3~0.5mm (thickness≥6mm)
Face/Back	B/C, other grades upon request.
Surface Treatment	Polished/Non-Polished
Veneer Cut Type	R/C
Core	Poplar, hardwood core, combi core,Pine throughout
Glue	Carb P2(EPA), E0, E1, E2,
Grade	Cabinet grade/furniture grade/Utility grade
Density	500-620kg/m3
Technical Parameters	Moisture Content--10%~15%
	Water Absorption-≤10%
	Modulus of Elasticity- ≥5000Mpa
	Static Bending Strength ≥30Mpa
	Surface Bonding Strength≥1.60Mpa
	Internal Bonding Strength≥0.90Mpa
Standard Packing	Inner Packing-Pallet is wrapped with a 0.20mm plastic bag
	Outer Packing-Pallet is covered with plywood or carton and steel tapes for strength
Loading Quantity	20'GP-8pallets/22cbm, 40'HQ-18pallets/50cbm
MOQ	1x20'FCL
Supply Ability	100000cbm/month
Payment Terms	T/T or L/C
Delivery Time	Within 2~3weeks after receiving deposit or original L/C at sight
Certification	ISO9001:2000, CE, CARB

Straight Line Painted Veneered Plywood

The brushed straight grain is usually a grain with a straight surface state after being processed by mechanical friction on the surface of the stainless steel.



The appearance of its material has a very strong metallic texture, which can be compared with the stainless steel wire drawing and rubbing board. Decorative material, especially suitable for high-end integrated ceiling, combined ceiling, interior wall decoration and exterior panel decoration of high-end household appliances.

Specification

Item Name	Straight Line Painted Veneered Plywood
Brand	HONEST
Size	1220*2440mm, 1200*3000mm, 200*600*mm, 300*1200m 400/600*2400mm or upon request
Thickness	3.6-18mm
Face/Back	Natural veneer
Surface Treatment	Stoving Varnished/Painted Brushed
Core	Plywood, MDF, Chipboard, OSB, Blockborad, PVC, MGO Board
Glue emission level	Carb P2(EPA), E0, E1, E2
Application	High-end cabinet/furniture/decoration/door skin
Moisture Content	8%~12%
Water Absorption	≤10%
Standard Packing	Inner Packing-Pallet is wrapped with 0.20mm plastic bag Outer Packing-pallets are covered with plywood or carton boxes and strong steel belts
Loading Quantity	20'GP-8pallets/22cbm, 40'HQ-18pallets/50cbm or upon request
MOQ	1x20'FCL
Supply Ability	10000cbm/month
Payment Terms	T/T or L/C
Delivery Time	Within 2-3 weeks upon down payment or upon opening of L/C

Teak Plywood

Teak is the best material for making high-end furniture, floors, and interior and exterior decoration. Teak plywood is suitable for shipbuilding, open-air buildings, bridges, etc., especially for making ship decks. It has strong corrosion resistance to a variety of chemical substances, so it is suitable for wood products used in the chemical industry.



Teak plywood is especially used in the floor. It is resistant to corrosion, wear resistance, bright as new, beautiful in pattern, elegant and durable in color, good stability and small deformation. It is the best in the floor.

Specification:

Item Name	Teak plywood
Size	1220*2440mm (4*8'), 912*2128mm (3*7'), 1250*2500mm or customized.
Thickness	1.8~25mm
Thickness Tolerance	+/-0.2mm (thickness<6mm), +/-0.3~0.5mm (thickness≥6mm)
Face/Back	B/C, other grades upon request.
Surface Treatment	Polished
Veneer Cut Type	Plain sliced or upon request.
Core	Poplar, hardwood core, combi core
Glue	Carb P2(EPA), E0, E1, E2,
Grade	Cabinet grade/furniture grade/decoration board grade
Density	500-620kg/m3
Technical Parameters	Moisture Content-10%~15%
	Water Absorption-≤10%
	Modulus of Elasticity- ≥5000Mpa
	Static Bending Strength ≥30Mpa
	Surface Bonding Strength≥1.60Mpa
	Internal Bonding Strength≥0.90Mpa
Delivery Time	Screw Holding Ability, Face ≥1900N
Certification	Within 2~3weeks after receiving deposit or original L/C at sight
Mark	ISO9001:2000, CE, CARB

Bleached poplar plywood

Poplar plywood is a three-layer or multi-layer board-like material made of poplar sections that are cut into veneers or sliced into veneers, and then glued together with adhesives. The fiber directions of the layers of poplar veneers are glued perpendicular to each other.



Poplar plywood has the advantages of light weight, high strength, good elasticity, long fibers and high content and easy processing. Aspen strictly dried in the drying room is not easy to crack. And poplar custom furniture, texture, strength and use value are first-class solid wood furniture. Poplar furniture is also becoming more and more popular in the market.

Specification:

Item Name	Bleached plywood for furniture
Size	1220x2440mm and 1250x2500mm
Thickness	2~24mm
Core	Poplar,hardwood,Birch,Pine
Glue	MR,Melamine E0,E1,E2
Face/Back	Bingtangor,Okoume,Poplar,Birch
Quantity	40'HQ: 18pallets,50-55cbm
Density	550~650kg/cbm
Moisture	<12%
Thickness Tolerance	+/-0.5mm(thickness>=8mm),+/-0.3mm(thickness<8mm)
MOQ	1x40'HQ
Packing	Inner: Pallet lined with 0.2mm plastic bag Outer:Pallet is covered by plywood and then steel tape for strength
Payment Terms	T/T(30%+70%),L/C at sight
Capacity	10000ubic Meter/Month
Delivery Time	15-20 days

MDF

MDF (Medium Density Fibreboard) is an engineered wood product, manufactured by compressing softwood or hardwood fibres with wax and resin under high pressure and temperature. It is denser compared to particleboard and plywood and is used in both commercial and residential construction.



MDF is cost-effective and expenses a fraction of the cost of natural wood.

It is therefore a lower-cost replacement for natural wood. You get a natural wood looks without having to spend money on expensive wood. MDF is the choice of most people.

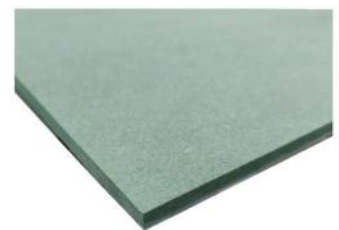
Various MDFs



Raw MDF



Red fireproof mdf



Green Waterproof MDF



Engraving MDF



Melamine veneer MDF



Slotted MDF

Specification:

Product Name:	Raw MDF / Red MDF/Green Waterproof MDF/Engraving MDF	
Core:	MDF	
Glue:	MR/E0/E1/E2	
Size(mm)	1220*2440mm	
Thickness(mm)	2.0-25.0mm	1/8inch(2.7-3.6mm)
		1/4inch(6-6.5mm)
		1/2inch(12-12.7mm)
		5/8inch(15-16mm)
		3/4inch(18-19mm)
Moisture	16%	
Thickness tolerance	Less than 6mm	+/-0.2mm to 0.3mm
	6-30mm	+/-0.4mm to 0.5mm
Features: 1 wear-resistant,anti-cracking,anti-acid and alkaline-resistant 2 no color cotamination between the concrete and shuttering board 3 can be cut into small size for reusing.		

Followings are the advantages of MDF:

- ★ 1. MDF is easy to be painted. All kinds of coatings and paints can be evenly coated on the MDF, which is the first choice for paint effect.
- ★ 2. MDF is also a beautiful decorative plate, which is used in all kinds of lattices and so on.
- ★ 3. All kinds of veneer, adhesive paper film, decorative panel, light metal sheet, melamine board and other materials can be glued on the surface of MDF, which is mainly reflected in the cabinets such as blister, coating, uv paint, and double veneer.
- ★ 4. The hard MDF can be punched and drilled, and can also be made into sound-absorbing panels, which are used in building decoration projects.
- ★ 5. The physical properties are excellent, the material is uniform, and there is no dehydration problem.

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MDF veneer show



PET board

The so-called pet board is a layer of pet plastic film attached to the surface of the board. But don't underestimate this film, it has the characteristics of high transparency, oil resistance, fat resistance, dilute acid and alkali resistance, etc., and is non-toxic and tasteless, which can greatly increase the anti-fouling and wear-resistant ability of the board, and the appearance looks better.



The advantages of PET board:

- 1.Eco-friendly : PET is widely used for food packing which is no toxic gas released and can be degradable .
- 2.UV -Resistance : PET mdf board surface with LG additives ,Reflecting the light. Performing best uv resistance .
- 3.Scratch-Resistance :With newly developed coating system ,Scratch resistance has been improved .
- 4.Flatness and abrasion resistance :Extrame mark resistance and abrasion resistance , Low orange peel and flow mark
- 5.No color difference :Batch to batch color stable

Application

PET Surface Panel could be easily treated and edge-covered. Appropriate for wall decoration, office furniture, household furniture, kitchen cabinet and so on.

Product Name	PET Board
Size	1220*2440mm 1220*2750mm 1220*3050mm
Thickness	5-25mm
Core	MDF, Plywood,Particle board(OSB), LSB
Surface	Imported PET Film
Back	High quality white melamine paper or PETfilm
Glue	Germany brand PUR hot melt glue
Color	Gloss Solid color,Gloss wood grain,matt solid color,matt marble color,metal design,deep embossed

UV Board

UV board is a board whose surface is protected by UV treatment. UV is the abbreviation of Ultraviolet (ultraviolet), and UV paint is ultraviolet curing paint, also known as photo-initiated paint.



OSB LSB MDF Plywood and other boards are made of UV paint and then dried by UV light curing machine. They have bright surface treatment, bright color, strong visual impact, wear resistance, strong chemical resistance, and long service life. Long, non-discoloring, easy to clean, it is an ideal decorative plate

Product Name	UV Board
Size	1220*2440mm 1220*2750mm 1220*3050mm
Thickness	5-25mm
Core	MDF, Plywood, Particle board (OSB), LSB
Surface	UV Film
Back	High quality white melamine paper or other
Glue	Germany brand PUR hot melt glue
Color	Gloss Solid color, Gloss wood grain, matt solid color, matt marble color, metal design, deep embossed



Melamine Board

Melamine board, also known as paint-free board. It is a decorative board made by immersing paper with different colors or textures in melamine resin adhesive, then drying it to a certain degree of curing, paving it on the surface of the board, and hot pressing.



Whose normative name is melamine-impregnated adhesive film paper veneer wood-based panels, says its melamine board is actually part of its veneer composition.

Various colors can be customized



You can contact us to send you our sample pattern pictures,

Contact details:

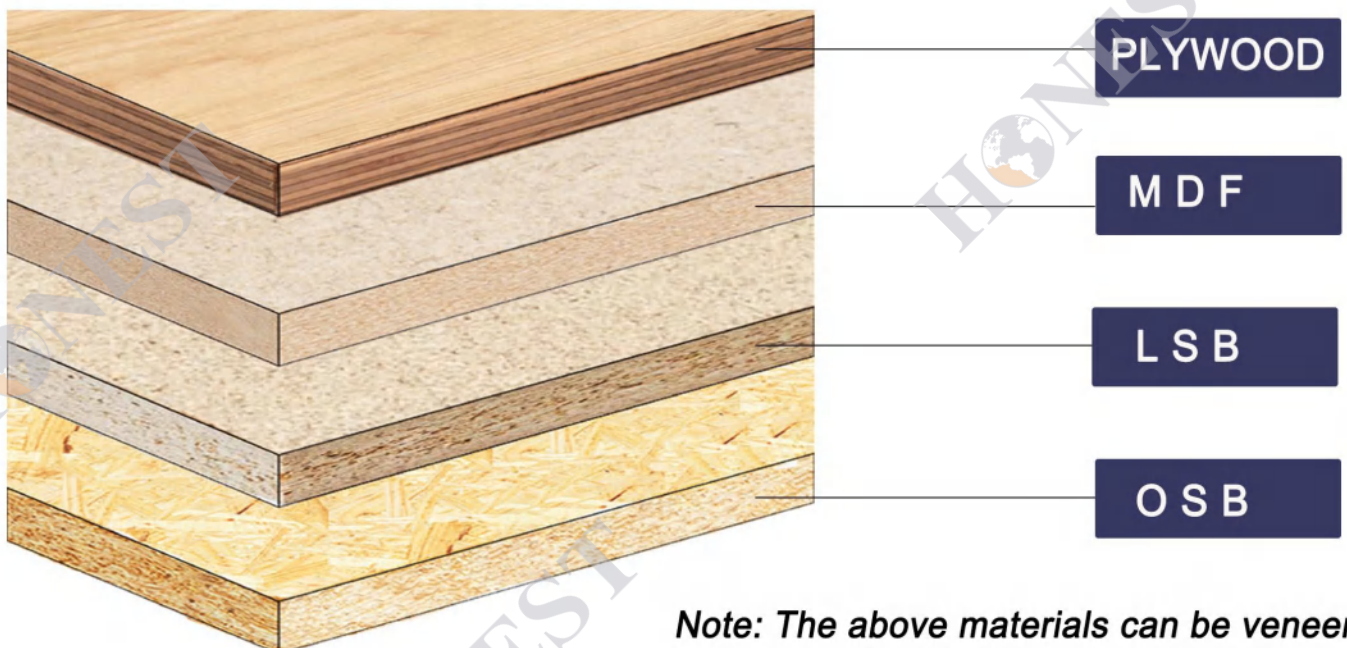
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Email: sophia@chinahonestwood.com



Specification:

Product name	Melamine board
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.
Core	Plywood / MDF / LSB / OSB
Material	Poplar, pine or hardwood
Specifications	Width*length: 1220*2440mm, or customized Thickness: 2-30mm
Technology parameters	Density: 500-920kg/m ³ Moisture: 4-8% Water absorption rate: ≤10% Modulus of elasticity: >3700Mpa Tolerance: length/width: +/-2mm Tolerance: Thickness: +/-0.2mm
Formaldehyde Release	E0, E1, E2
Certificate	ISO9001, CARB, FSC
Price term	FOB Qingdao or CFR (CNF)/CIF at your port
Payment term	30% T/T in advance, balance against copy of B/L, or irrevocable L/C at sight
Usage	furniture (door, bed, etc), laminate flooring, decorative materials, packing, etc



Note: The above materials can be veneer



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