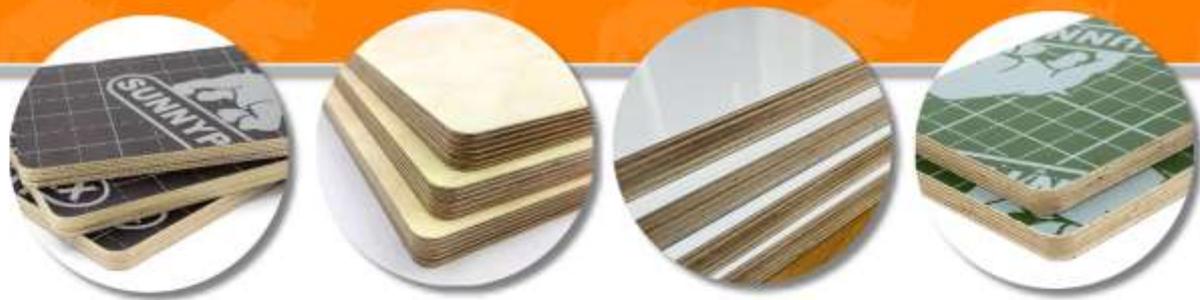




# ACME Building Material



The Most Suitable Choice



## ACME Building Material

ACME Building Material has been devoting in producing and marketing various plywood and wood products since 2005. With the efforts of the whole Sunny members in recent 5 years, our products are being exported to North America, Europe, the Middle East, Asia, South Africa, and other countries and regions.

The average volume of our export is between 3 and 5 thousand cubic meters per month now, With the increase of our business transaction and the extension of the world market.

ACME Building Material has been used to meet our company development needs and improve our ability in customer service and business operation.

As per now, the exported species develop not only the main wood products plywood, but also some kinds of cabinets board and furniture.

We are honest, capable, competitive, always eager to learn and always willing to honor promises. We like dealing with people like us.

We believe that your success is our success as well.

As you grow, we grow.

- Commercial Plywood
- Film Faced Plywood
- Plastic Faced Plywood
- Melamine Faced Plywood
- Door Skin
- HPL Plywood
- Pine Scaffold Board





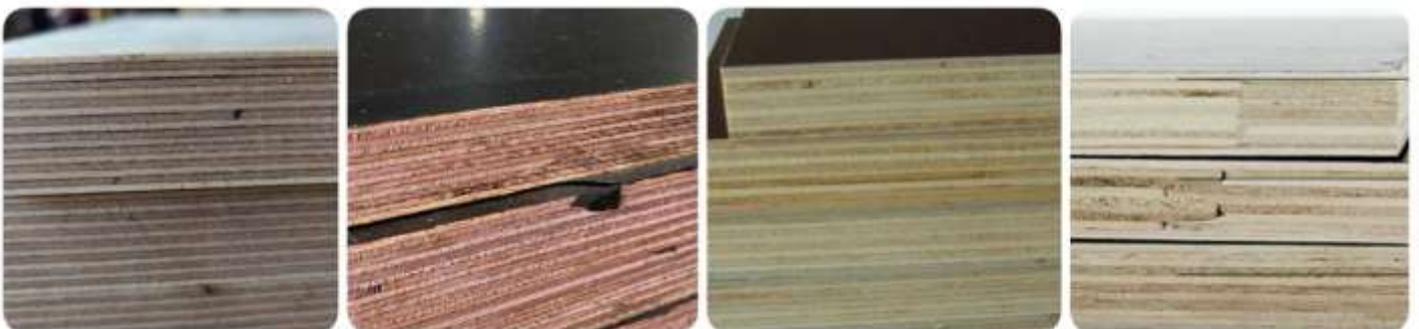
# FILM FACED PLYWOOD

Film faced plywood known as Phenolic Board Formply Shutterply or Marine Plywood, is a special plywood with two sides coated with wearable and water proof film. The film is adhesive impregnated paper, which is different than melamine paper overlay. The function of the film is to protect the inside wood from moisture, water, weather and extend the plywood's service life. Film faced plywood is for outdoor use only and most widely used as the concrete formwork panels.



<b>Length</b>	2440-6000mm	<b>Film</b>	Brown / Black / Red / Yellow / Grey or Requested
<b>Wide</b>	1220-2000mm	<b>Glue</b>	MR / Melamine (5-24hours) / Phenolic / E0 / E1 / E2
<b>Thickness</b>	4mm-35mm	<b>Delivery</b>	2 weeks (less than 5 containers) Out-putting:3000cbm/month

<b>Face &amp; Back</b>	With Logo / Smooth / Anti-Slip / MDO / HDO
<b>Core</b>	Poplar, Birch, Eucalyptus / Recycled Joined core
<b>Logo</b>	According to Order ( more than 5 containers will free)
<b>Min-qty</b>	1*20FCL (22CBM)
<b>Moisture</b>	8%~12%



# FILM FACED PLYWOOD

## Description:

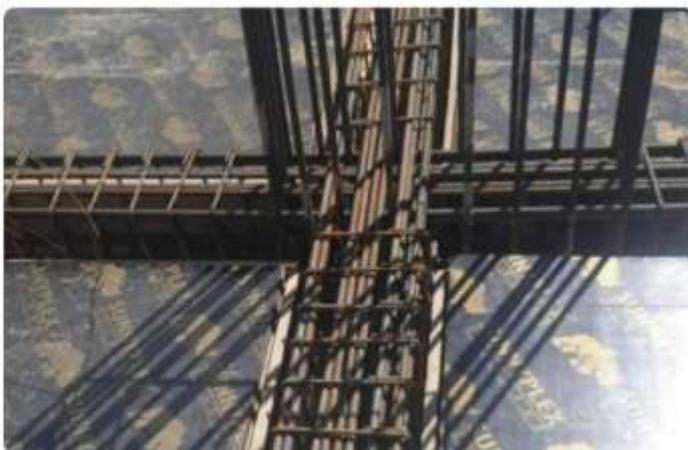
- Both sides of the board are 100% covered with DYNEA Premium Phenolic Film that reduces the porosity of the faces compared to regular boards and gives an excellent face finish to the formwork. The phenolic glue allows the board to be more resistant to moisture in formwork applications.

## Characteristics:

- - Easy to manipulate
- - Easy to work using common tools.
- - Stability and high mechanical resistance to bending, traction and compression.
- - Very good weight / rigidity ratio.

## Technical Recommendations for Use:

- - It is recommended to seal the edges with waterproof paint in case the boards are cut on site.
- - Use damp cloths and wooden or plastic spatula. Sharp cutting elements could damage the film and make the board vulnerable.
- - Clean and apply oil immediately before and after use.
- - Defects opened by blows, nails or other origin, must be sealed with synthetic waterproof paste.
- - Store in back-to-floor packages outside of direct sunlight and rain.



# COMMERCIAL PLYWOOD

**Plywood** is a material manufactured from thin layers or "plies" of wood veneer that are glued together with adjacent layers having their wood grain rotated up to 90 degrees to one another. It is an engineered wood from the family of manufactured boards which includes medium-density fiberboard (MDF) and particle board (chipboard).



**Commercial Plywood** Also called Multi-Purpose Commercial Plywood , can be used for building furniture, door or windows frames, carpentry and packaging. Commercial plywood is also suitable for usage in humid areas. Because of its relatively low weight, it can be used to build high structural stresses in shop , interior fitting, shipbuilding, bathroom furniture, and also in vehicle construction.

<b>Length</b>	2440-6000mm	<b>F/B</b>	Okoume , Bintangor , Pine , Birch or Requested
<b>Wide</b>	1220-2000mm	<b>Glue</b>	MR / Melamine (5-24hours) / Phenolic / E0 / E1 /E2
<b>Thickness</b>	2.0mm-45mm	<b>Delivery</b>	2 weeks (less than 5 containers) Out-putting:3000cbm/month



# COMMERCIAL PLYWOOD



**Bintangor plywood** exactly bintangor face veneer, poplar core or 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 is why Bintangor is the usual face/back veneers of plywood. Bintangor plywood are suitable for furniture making and decorating because of its good-looking grains. Usually, European and US buyers prefer Bintangor plywood of B/BB, BB/CC grade (or similar grade). The face/back veneers of B/BB, BB/CC Bintangor plywood are clean and free of open defects. Bintangor plywood is a good choice for furniture making and decorating.

**Okoume Plywood** is made from the wood of 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 kitchen cabinets because of its lustrous appearance.

**Pine Plywood** is a kind of Commercial plywood with groove lining is a high quality panel designed to give a traditional tongue and groove timber-lining look. It is used at home in any interior design, from elaborate period homes to the most modern interiors. Commercial plywood in simple terms is the basic or standard plywood available. Commercial plywood is also termed as MR grade plywood. MR stands for moisture resistant. Do not confuse MR with waterproof. Moisture resistant means the plywood can withstand some amount of moisture, humidity and dampness.

**Birch Plywood** Each sheet of our Birch Plywood features exceptional strength and able ability to meet your project needs. The front, back and inner plies are all quality one-piece sheet, which result of excellent screw holding power. Birch Plywood may be used inside and outside. It is graded for exterior or interior use depending upon water resistance of the glue. Strong, stable, and void-free, birch plywood is the perfect choice for jigs, fixtures, and shop storage projects. Birch plywood can be used for a variety of applications including for making cabinetry, closets, and other types of furniture.

*For detailed introduction of other plywoods, please consult our sales.*



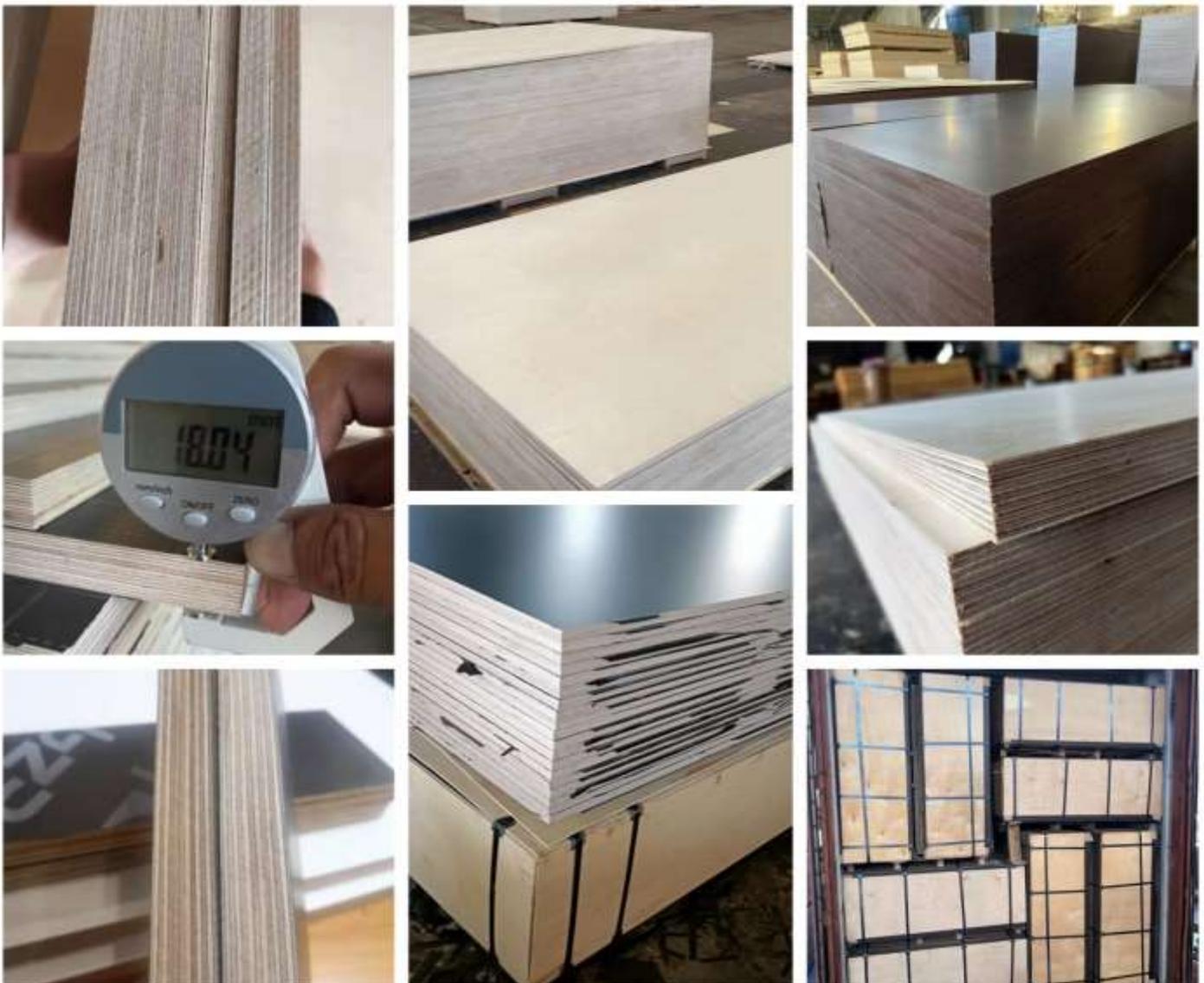
# Full Birch Plywood



Our Full birch Plywood is made of Baltic birch tree. Used dynea phenolic glue to keep the quality good as Russian's.

- ◆ Deck350 / Deck250 FFp Birch Plywood Stable & Durable for formwork
- ◆ No interest to termites & is completely weather-proof
- ◆ Made of 100% Baltic logs, FSC supply chain docs available
- ◆ No gaps virtually impossible. Suitable for 3D router cuttings & designs
- ◆ E0 safe-formaldehyde emission levels

Standard sizes, length x width, mm (ft)	1220x2440x1220 (4x8x4) 1250x2500x1250 (4x8x4) 1500/1525x2440/2500 (5x8) 2440/2500x1500/1525 (8x5) 1500/1525x3000/3050 (5x10)
Thickness, mm	4-40
Plywood grade	I (B, S), II (BB), III (CP), IV (C)
Surface type	Outer layers sanded (S2S), one side sanded (S1S), unsanded (NS)
Formaldehyde emission class	E1
Waterproofness	Higher
Density, kg/m <sup>3</sup>	640-700
Moisture content, %	5-14
Edge sealing	—



# HPL Formica Plywood



<b>Length</b>	2440mm
<b>Wide</b>	1220mm
<b>Thickness</b>	4.0mm-18.0mm

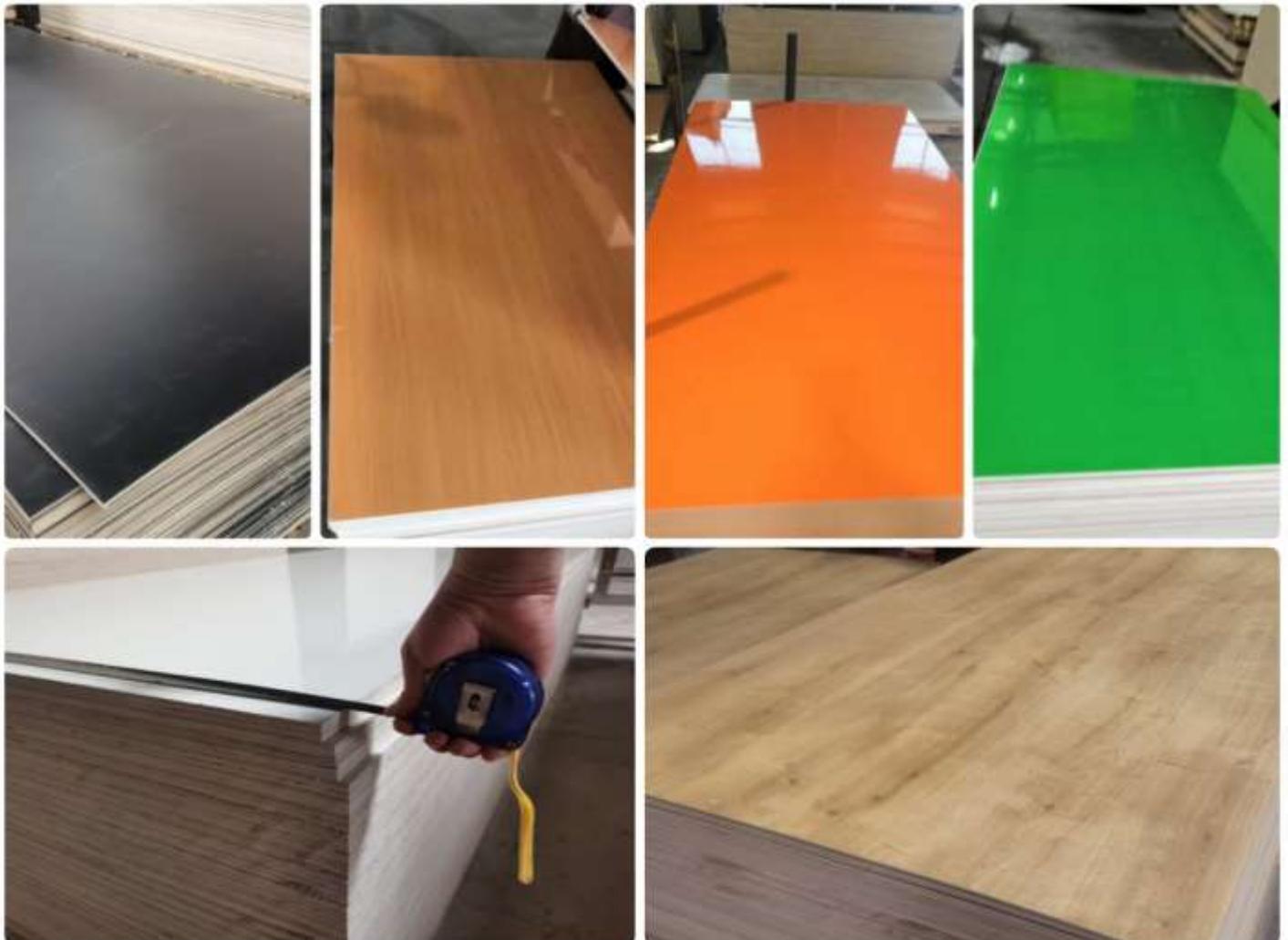
<b>Core</b>	Poplar / Eucalyptus / Birch
<b>Glue</b>	Phenolic / E0 / E1 /E2
<b>Delivery</b>	2 weeks (less than 5 containers) Out-putting:3000cbm/month



## Compact Laminate feature:

1. Resist cigarette and fire, anti pollution.
2. Lots of colors for your chosen.
3. Wide used in field of furniture and decoration.

- Special high pressure decorative Paper + Melamine resin
- Special high pressure kraft (multiple piencer)+phenolic resin



# HPL Formica Plywood



HPL compact laminate Specification: Know by another "**HPL Fireproof Plywood Formica Laminate Plywood High Quality Kitchen Cabinet Plywood**" High pressure Laminate, Formica Laminated panel is one kind of building materials. Because of its high performance of anti-fire, water, impact, formic Laminated panel is widely used in many building projects.



**Finish:** Matt , Texture, Glossy, Brushed, Micro line, Embossment, Wood Skin, Leather, etc.

**Color:** Solid color, wood grain color, metallic, marble etc,

**Packing:** bulk packing, wooden case and pallet, or according to customers' special requirements.





## PPmax TECH Plastic Plywood

Length	2440-2500mm
Wide	1220-1250mm
Thickness	12-15-18-21mm

### More better waterproof

This plastic is PP. Full name of PP is polypropylene.

The physical properties of polypropylenes are: corrosion resistance, acid and alkali resistance, hardness.



- ◆ PP plastic coated plywood panels are made of wear-resisting and corrosion resisting 0.5mm thickness PP Plastic on both of sides coated and connected to inner plywood core.
- ◆ Physical and mechanical properties are much higher than traditional film faced plywood. This results in excellent properties:
  - ◆ high mechanical cohesiveness
  - ◆ high abrasion resistance
  - ◆ water and weatherproof
  - ◆ reusability(more than 30 times)
  - ◆ excellent chemical resistance
  - ◆ recyclable
- ◆ With that being said our PP Plastic Coated Plywood have been using widely in construction field around the world,such as Southeast Asia,Middle East,Europe markets.

**Perfect concrete wall** For its wear resistance, it will be always easy to reuse and the surface will be always bright. While, the normal film faced plywood performs last only for one or two times. But after using two times, it will hard to reuse for the surface wear during the using process. And the surface will be damaged which will lead to the rough surface.



# OSHA LVL Pine Scaffold Board



Length	3900-6000 mm
Wide	225-1500 mm
Thickness	38- 42mm

**LVL (Laminated Veneer Lumber)** is a new construction material. It can be customised to create high value products for residential, commercial, formwork and scaffolding applications. Construction Grade LVL (laminated veneer lumber)

## What's LVL Scaffolding Plank?

Lightweight and durable (it is the lightest weight laminated wood scaffolding plank at the market), the scaffolding plank is dimensionally stable and cost effective. Enhanced deflection values allow far greater degrees of safety and inherent defects with solid wood boards are eliminated. No more end banding is required, reducing repair and maintenance issues.



## Properties of LVL Scaffolding plank

- 1.Enhanced durability and safety (OSHA)
- 2.Unrivalled structural rigidity, stability and strength
- 3.Proven to at least twice as long as solid wood equivalents
- 4.10% lighter than solid wood equivalents
- 5.No metal end band required
- 6.No on-going maintenance or remedial repairs required
- 7.Excellent electrical insulation properties
- 8.Excellent anti-corrosive and chemical properties
- 9.Inherent strength properties of Master Plank mean that it can be cross-cut to exact lengths



## Door Skin



Mould	Side			
Regular size:	Length	1680/1688	2100/2150	depends on actual mould
	Width	390/420/460/510/550/820	640/740/760/830/860/920/1020	
	Thickness	3.2mm±0.1mm		
Surface:	Nature	walnut,sapelli,cherry,wenge,oak,chinese oak,teak,ash,rubine,catalpa,padauk,bamboo,birch,red rose...		
	Engineered	cherry,wenge,oak,teak,ebony,etc.		
	Melamine	Elm,sapelli,beech,cherry,teak,oak,black ash,mahogany,wenge,black walnut,		
Product parameter:	Lenth&Width tolerance:±2mm, Water absorption rate:<28% Moisture:5-9%, Modulus of elasticity:<40Mpa			
Density:	>720-820kg/m <sup>3</sup>			
Packing:	wooden pallet with steel belt			
Loading quantity:	250 pieces/pallet,12 pallets/container, every 20ft container can hold 3000 pcs			
Usage:	interior/exterior door			



## Block board

### Description:

Length	2440mm
Wide	1220mm
Thickness	15-18 mm

Material : Poplar , Hardwood , Meranti,Paulowniaetc

Face and back: Okoume, bingtangor , Birch , Poplar , Meranti, ect

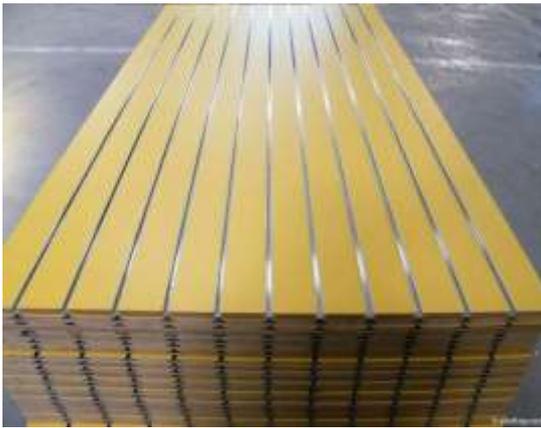
Glue : MR , WBP , E1 , E2

Use : Construction, decoration furniture manufacture.



The joiner board uses imported equipment to put together the system, the fine craft, the smooth pan. It is makes the furniture or family repair ideal material.

## MDF & Pb board & Melamine Board



**Medium-density fibreboard (MDF)** is an engineered wood product made by breaking down hardwood or softwood residuals into wood fibres, often in a defibrator, combining it with wax and a resin binder, and forming panels by applying high temperature and pressure. MDF is generally denser than plywood. It is made up of separated fibres, but can be used as a building material similar in application to plywood. It is stronger and much denser than particle board .

Testing Items	Unit	Performance Indicators
Density	Kg /m <sup>2</sup>	630-850
Water Content	%	6-12
Thickness Tolerance	mm	±0.3
Degree Of Deformation	%	≤0.50
Bonding Strength	MPA	≥0.70
Peel Strength (Waterproofing Quality)	/	Boiled eight hours under 63°C, no abscission layer
Thickness Expansion Rate(24H)	%	≤5
MOR	MPA	≥30
Emission Of Formaldehyde	mg/L	E1≤1.5 E2≤5 E0≤0.5

### ADVANTAGES

1. Approaches the natural timber.
2. The structure is even and the density is moderate.
3. It can process into various kinds of forms and various kinds design model results.
4. Be widely used to make display cabinets, furniture, wall panels, storage units etc.
5. Suitable for sorts of surface treatment with melamine paper presents wood grain etc.