



**SUNNYPLEX**

# **ACME Building Material**



The Most Suitable Choice



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<http://www.sunnyplex.com>



# The Most Suitable Choice for Plywood



## ACME Building Material

ACME Building Material has been devoting to 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 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 meeting our company development needs and improving our ability in customer service and business operation.

And now the exported species are developed, not only the main wood products-plywood, but also some kinds of cabinets board and furniture.

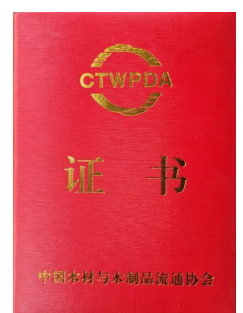
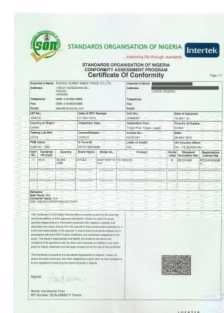
We are honest, capable, competitive, always eager to learn and always willing to honor promises. We like dealing with people like us.

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



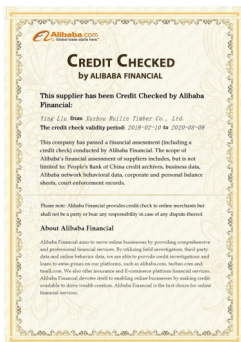
We believe your success is our success.

As you grow, we grow.

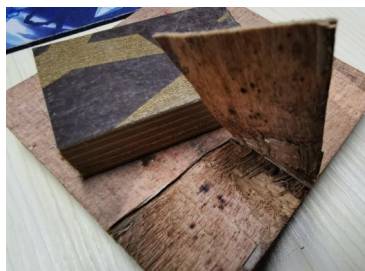
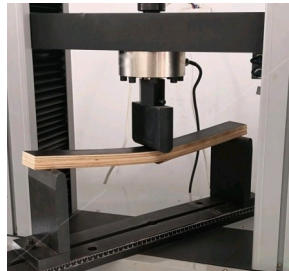




The Most Suitable Choice for Plywood



- Director Unit of PZTWPDA
- The most influential Brand of China Plywood
- Top 102 Global E-business from Alibaba
- 2016-2017 Top Term E-business for Building Material
- Top 100 Suppliers for Building Material of China 2018
- etc



## Our Brands



**SUNNYPLEX**

**OPTIMERA**

**DYNEAPLEX**

**MASHEED**

**MOLAD**

**DOM**

**ACME**

**DYNEA**

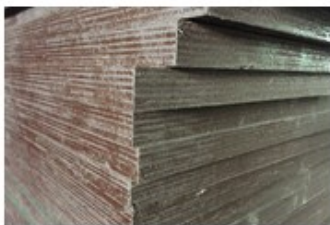
**ABMPLEX**

# The Most Suitable Choice for Plywood



<b>Length</b>	<b>2440-6000mm</b>
<b>Wide</b>	<b>1220-2000mm</b>
<b>Thickness</b>	<b>4mm-35mm</b>

<b>Face &amp; Back</b>	Smooth , Anti-Slip
<b>Film</b>	Brown, Black, Red, Yellow
<b>Core</b>	Poplar, Birch, Eucalyptus / Recycled Joined core
<b>Glue</b>	MR, Melamine, Phenolic,
<b>Logo</b>	According to Order ( more than 5 containers will free)
<b>Min-qty</b>	1*20FCL (22CBM)
<b>Moisture</b>	8%~12%
<b>Delivery Time</b>	2 weeks (less than 5 containers)



## 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.

# The Most Suitable Choice for Plywood



Brown Film faced Plywood  
3 times press after sanding



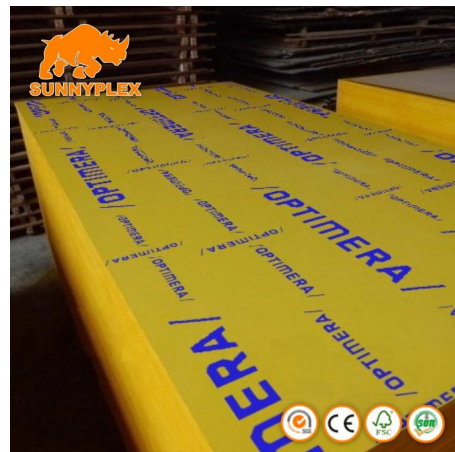
Black Film faced Plywood  
2 times press without sanding



Combi Joined recycled core  
Film faced Plywood



Jumbo Large size Film faced Plywood  
2000X6000mm workable



Yellow Film faced Plywood  
Many colors according to order



Ant-slip Film faced Plywood  
So many grains

## Melamine Faced Plywood



## Commercial Plywood

### Description:

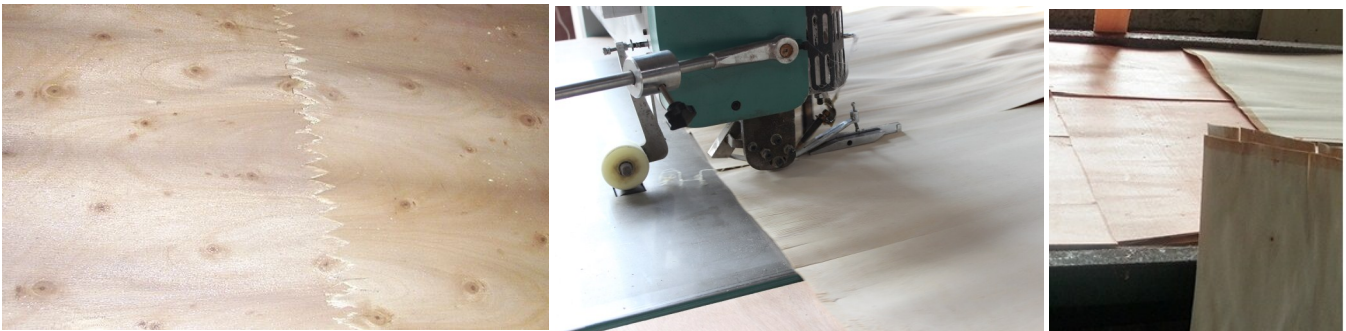
<b>Length</b>	<b>2440-2500 mm</b>
<b>Wide</b>	<b>1220-1250 mm</b>
<b>Thickness</b>	<b>2.0-35 mm</b>

**Core :** Poplar, hardwood, Birch, Pencil Cedar, Keruing, Pine, Etc

**Face and Back :** Okoume, Bingtangor, Pine, Poplar, Birch, Merant, Etc

**Glue :** E0, E1, E2, WBP

**Used for :** Furniture, Packing, Construction, Ect



Thickness(mm)	2.0-35.0mm	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	10-15%	
Thickness tolerance	Less than 6mm	+/-0.2mm to 0.3mm
	6-30mm	+/-0.4mm to 0.5mm
Packing	Inter packing:0.2mm plastic;Ourter packing:bottom is pallets, covered with plastic film,around is carton or plywood, strengthen by steel or iron 3*6	
Quantity	20GP	8pallets/21M3
	40GP	16pallets/42M3
	40HQ	18pallets/53M3
Usage	Usage adequate for making furniture or construction, package or industry,	
Minimum Order	1*20GP (21M3 )	Payment: TT or L/C at sight
Delivery Time	Within 15 days receiving deposit or original L/C at sight	



# The Most Suitable Choice for Plywood



Okoume



Natural Birch



Red Olive



Bintangor



Pine



UV Birch



EV Plywood



## Green PP Plastic Faced Plywood

### Description:

<b>Length</b>	<b>2440-2500mm</b>
<b>Wide</b>	<b>1220-1250mm</b>
<b>Thickness</b>	<b>12-15-18-21mm</b>

### More better waterproof

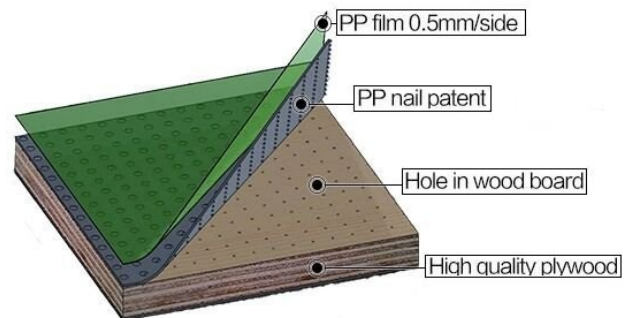
This plastic is PP. Full name of PP is polypropylene.

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 coating and connecting to inner plywood core.
- ◆ The 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
- ◆ Now,our PP Plastic Coated Plywood have been using widely in construction field around the world,such as Southeast Asia,Middle

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

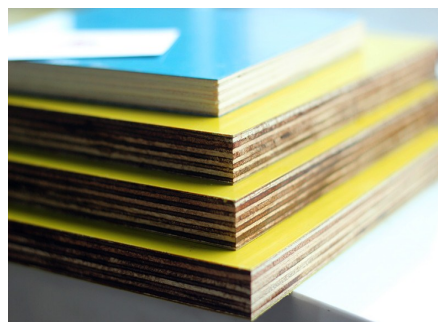
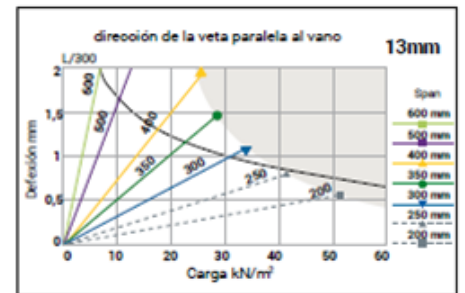
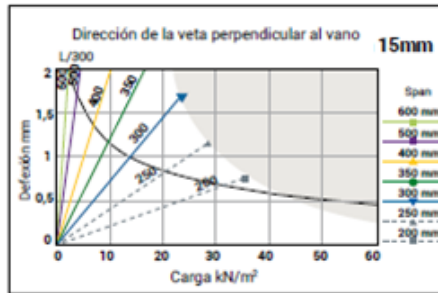
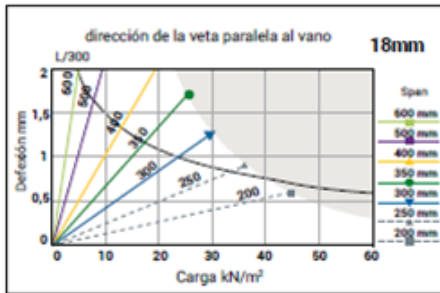


No	Test Direction	Bending Strength(N/mm <sup>2</sup> )			Modulus of Elasticity (N/mm <sup>2</sup> )		
		Individual Value	Average Value	Standard Deviation	Individual Value	Average Value	Standard Deviation
01	Transverse	29.9	29.4	4.38	3.86X10 <sup>3</sup>	3.76X10 <sup>3</sup>	340
02		25.4			3.47X10 <sup>3</sup>		
03		36.8			4.40X10 <sup>3</sup>		
04		25.9			3.70X10 <sup>3</sup>		
05		31.6			3.60X10 <sup>3</sup>		
06		26.6			3.55X10 <sup>3</sup>		
07	Longitudinal	33.9	31.7	5.27	3.63X10 <sup>3</sup>	4.02X10 <sup>3</sup>	590
08		35.4			3.81X10 <sup>3</sup>		
09		26.7			3.66X10 <sup>3</sup>		
10		24.6			3.47X10 <sup>3</sup>		
11		31.3			4.76X10 <sup>3</sup>		
12		38.4			4.77X10 <sup>3</sup>		
Remark	Samples size:450mmX50mmX18mm 12 pcs Test Span:360mm, Test Rate:10mm/min Statement:Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.						

## PPE Plastic Faced Plywood

### Description:

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



PPE (Polyphethylene ether) or PPO (Polyphenylene Oxide) PPE plastic plywood has a polypropylene coating both sides of 0.5 mm thick.

- ◆ Edge protection: Two coats of acrylic paint waterproof.
- ◆ Humidity: Between 6% to 8%

The coating completely reduces the surface absorption of the humidity of the formwork board, allowing to maintain for more time the original mechanical properties of wood compared to plywood conventional

- Cover the boards to protect them from direct sun and rain
- Always store the panels in the shade.

Sample: Plastic Covered Plywood for Concrete Form				Modal: 1220X2440X15mm	
No.	Items	Unit	Specification	Test date	Conclusion
1	Moisture content	%	6~14	7	Pass
2	Bonding Strength	MPA	≥0.70 samples	0.73~1.04	pass
			qualified rate: ≥90%	100%	
3	Static bending strength	MPA	Along the grain ≥50	61	Pass
			Cross the grain: ≥30	45	pass
4	Elastic Modulus	Mpa	Along the grain: ≥6000	6538	pass
			Cross the grain: ≥4500	4696	pass
5	Gluebond Test	/	The peel length of each side is less than 25mm	0~11mm	pass

National Center For Quality Supervision and Inspection of Building Decoration Materials Inspection Report

### QUALITY CERTIFICATION

Plastidom boards are certified and meet the demands of the North American standard PS 1-09

The process controls of the Plastidom production is certified under the European Community standard ENE 1398: 2004

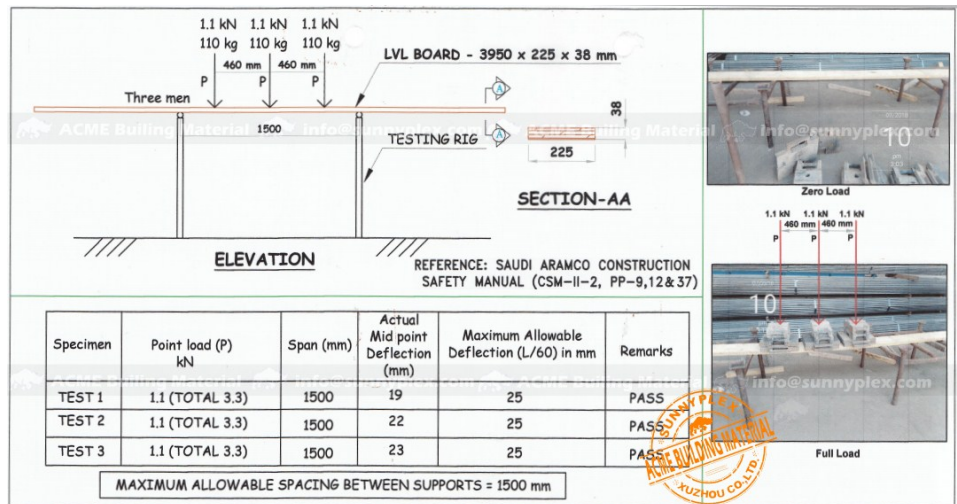
## OSHA LVL Pine Scaffold Board

### Description:

<b>Length</b>	<b>3900-6000 mm</b>
<b>Wide</b>	<b>225-1500 mm</b>
<b>Thickness</b>	<b>38- 42mm</b>

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)



Product Name	OSHA LVL Pine Scaffold Board	
<b>Raw Material</b>	New Zealand Radiate Pine LVL ,Poplar LVL	
<b>Thickness</b>	20,38,39,42,55 up to 220 mm.	
<b>Width</b>	100,130,150,220,225,230, up to 1300 mm.	
<b>Length</b>	1000, 1900,2450, 2750, 2.900, 3000, 4000,4500, 4900, 5300,5900 mm, up to 6000 mm	
<b>Glue</b>	WBP Melamine, Phenolic F4	
<b>Standard</b>	OSHA,ANSI A10.8(US), BS24829(UK), AS1577(AUS)	
<b>Moisture Content</b>	<15%	
<b>Density</b>	550-600 kg/m2	
<b>End finish</b>	waterproof paint, yellow, blue, green and for your request.	
<b>Surface finish</b>	polishing, non-slip, construction workers more secure	
<b>Edge Processing</b>	Four long edges will be chamfered to convenient and safe holding	
<b>Usages</b>	1) for all kinds of fumigation-free packaging ; formwork ;Construction beams, rafters and columns for wide range of buiding structurals . 2)wood-based alternative to structural steel or reinforced concrete. 3) Packaging Material for mechanical equipment	
<b>Advange</b>	LVL strength is three times of the same size solid wood, which is more suitable for load-bearing use	
<b>Packing</b>	Pallets on the bottom,and Steel band for strength	
<b>Test:</b>	Static bending strength ≥50MPa	Modulus of elasticity ≥7,000MPa

### 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

- Enhanced durability and safety (OSHA)
- Unrivalled structural rigidity, stability and strength
- Proven to at least twice as long as solid wood equivalents
- 10% lighter than solid wood equivalents
- No metal end band required
- No on-going maintenance or remedial repairs required
- Excellent electrical insulation properties
- Excellent anti-corrosive and chemical properties
- Inherent strength properties of Master Plank mean that it can be cross-cut to exact lengths

## Door Skin

mould	side		
Regular size:	Lenth	1680/1688	2100/2150
	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, <b>Water absorption rate:</b> <28% Moisture:5-9%, <b>Modulus of elasticity:</b> <40Mpa		
Density:	>90kg/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		
Density:	>90kg/m <sup>3</sup>		



## Block board

### Description:

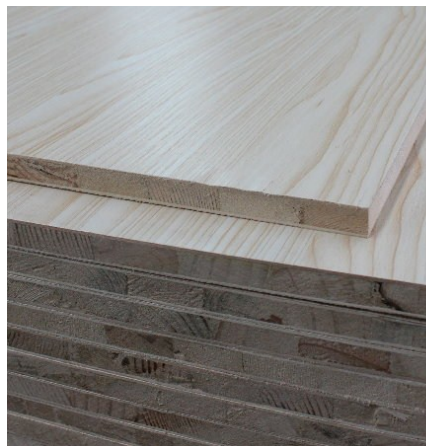
<b>Length</b>	<b>2440mm</b>
<b>Wide</b>	<b>1220mm</b>
<b>Thickness</b>	<b>15-18 mm</b>

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 imports the equipment to put together the system, the craft fine, the pan is smooth. Is makes the furniture or the family repair ideal material.

## HPL Fireproof Plywood

**Description:**

Length	2440mm
Wide	1220mm
Thickness	5.0-30 mm

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.

### HPL Plywood

From ACME Building Material



- Overlay If you need
- Special high pressure decorative Paper + Melamine resin
- Special high pressure kraft (multiple plier) + phenolic resin

Product Features



Fire Resistant



Scratch Resistant



Water Resistant



Heat Resistant



Easy Clean



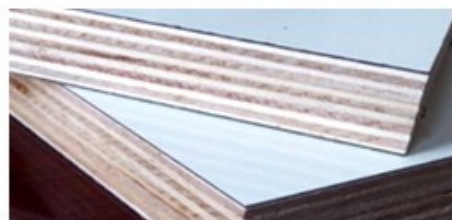
Durable Color



Environmental



Easy Processing



**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.

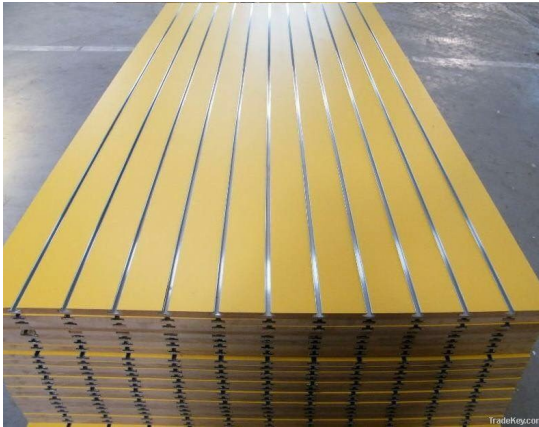
Finish: Matt , Texture, Glossy, Brushed, Micro line, Embossment, Wood Skin, Leather, etc.

Color: Plain color, wood grain color, metallic, marble etc,

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

**MDF & PB board**

## MDF & Pb 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

Testing Items	Unit	Performance Indicators
Density	Kg /m <sup>2</sup>	550-650
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℃, 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.