

PIANO

PIANOPLYWOOD

CONSTRUCTION WOODEN PANEL

CHINESE BUILDING MATERIAL EXPERT, ONE STOP SERVICE PROVIDER

PIANOPLYWOOD

WA BUINESS

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CONSTRUCTION WOODEN PANEL

PRODUCT SPECIFICATION INTRODUCTION



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13 PRESSURE TREATED TIMBER

PIANO DOMA EUROTEGO LEONKING SINGER



FILM FACED PLYWOOD

PIANOPLYWOOD



PRODUCT CERTIFICATE

- Casting up to 30 times
- Free samples&prompt delivery
- Eco-friendly&visualization
- Customized size&thickness
- Prov. cust. logo&design
- High standards&quality

FORMAT SIZE	1220 x 2440 mm
THICKNESS	6 / 9 / 12 / 15 / 18 / 21 mm
MATERIAL	Poplar / Eucalyptus / Birch / Pine / Hardwood / Finger joint
STANDARD	BS EN 314-2 / BS EN 315 / BS EN 316 / BS EN 636
DENSITY	500-700 kg/m3
MOISTURE CONTENT	8%-12%







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FILM FACED PLYWOOD

PIANO DOMA EUROTEGO LEONKING SINGER

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 (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.

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3 PLY SHUTTERING PANEL



CONCRETE FORMWORK SHUTTERING PANELS

The largest range of products, the largest choice

Our sorting diversity can satisfy any customer need: 21 mm and 27 mm shuttering panels with and without galvanized edge protection (Metal or plastic), 27 mm shuttering panels with or without edge band, solid timber profiles with edge protection in dimensions of 20 mm, all in big and small size. The application possibilities go from ceiling boards to wall, bridge and tunnel formworks to work platforms.



3 Ply Shuttering Panel



3 Ply Shuttering Panel with **Metal Corners**



3 Ply Shuttering Panel with **Plastic Endings**



3 Ply Shuttering Panel with **Metal Endings**

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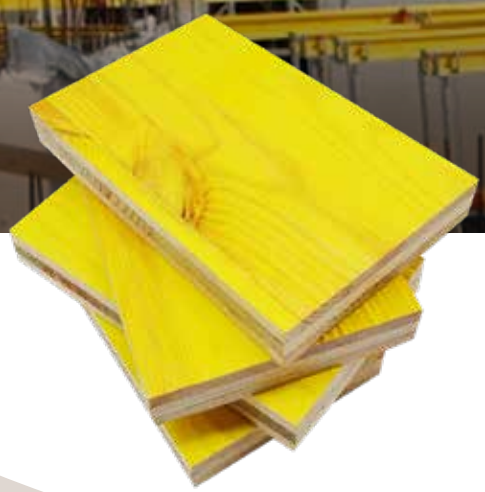
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WA BUINESS



LEONKING
3 PLY SHUTTERING PANEL

PIANOPLYWOOD



PRODUCT CERTIFICATE

Casting up to 20 times

Free samples&prompt delivery

Eco-friendly&visualization

Customized size

High standards

High quality

FORMAT SIZE	3000 x 500 x 21 / 27 mm , 2000 x 500 x 21 / 27 mm
LENGTH	1000 / 1970 / 2000 / 2500 / 2970 / 3000 mm
WIDTH	250 / 450 / 500 / 1000 mm
THICKNESS	21 / 27 mm
MATERIAL	Spruce / Fir /Pine
STANDARD	EN 13353 / EN 12775 / EN 314-2







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LEONKING
3 PLY SHUTTERING PANEL

TECHNICA DATA

Product	3-ply yellow concrete formwork shuttering panel coated with melamine resin that allows a resistant and smooth surface		*Leonking panel 21 mm* *Leonking panel 27mm*
Wood species	Spruce/Fir/Mongalian pine		
Wood moisture	12% ± 2%		
Weight	12 kg/m2 (27 mm) / 10kg/m2 (21 mm)		
Formats (mm)	1000x500 - 1500x500 - 2000x500 - 2500x500 - 3000x500		
Thickness (mm)	21, 27		
Surface protection	Highly resistant melanine coating, extremely smooth surface		
Edge seal	Water repellent edge formork finish, yellow,red		
Endling	without or Metal or Plastic		
Packaging	Fir:21mm/120pcs package,27mm/92pcs package;Spruce:21mm/110pcs package,27mm/88pcs package		
Design values	Mechanical properties	21 mm	27 mm
	Minimal value	40N/mm2	40N/mm2
	Modulus of elasticity (mean value)	11000-12000 N/mm2	11000-12000 N/mm2
Note	The values are calculated with a wood moisture of 12%. With heavy moisture penetration up to fiber saturation point, the values for bending strenght and flexural modulus of elasticity may be up to 30% lower		

		L							
d=21 mm		0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75
q	5 kN/m2	0.11	0.17	0.26	0.38	0.54	0.75	1.00	1.32
	10 kN/m2	0.21	0.34	0.52	0.77	1.08	1.49	2.01	2.65
	15 kN/m2	0.32	0.51	0.78	1.15	1.63	2.24	3.01	3.97
	20 kN/m2	0.43	0.69	1.05	1.53	2.17	2.99	4.02	5.30
	25 kN/m2	0.54	0.86	1.31	1.91	2.71	3.74	5.02	6.62
	30 kN/m2	0.64	1.03	1.57	2.30	3.25	4.48	6.03	7.95
	35 kN/m2	0.75	1.20	1.83	2.68	3.80	5.23	7.03	9.27
	40 kN/m2	0.86	1.37	2.09	3.06	4.34	5.98	8.04	10.59

q = load
(N/m2) L = span (m)
d = 21 mm
E = 10000N/mm2 of extrapanel with d=21 mm
K = 0.646 deformation factor contingent on number of fields for constant load

		L							
d=27 mm		0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75
q	5 kN/m2	0.05	0.08	0.12	0.18	0.26	0.35	0.47	0.62
	10 kN/m2	0.10	0.16	0.25	0.36	0.51	0.70	0.95	1.25
	15 kN/m2	0.15	0.24	0.37	0.54	0.77	1.05	1.42	1.87
	20 kN/m2	0.20	0.32	0.49	0.72	1.02	1.41	1.89	2.49
	25 kN/m2	0.25	0.40	0.62	0.90	1.28	1.76	2.36	3.12
	30 kN/m2	0.30	0.48	0.74	1.08	1.53	2.11	2.84	3.74
	35 kN/m2	0.35	0.57	0.86	1.26	1.59	2.46	3.31	4.36
	40 kN/m2	0.40	0.65	0.98	1.44	2.04	2.81	3.78	4.98

q = load
(N/m2) L = span (m)
d = 27 mm
E = 10000N/mm2 of extrapanel with d=27 mm
K = 0.646 deformation factor contingent on number of fields for constant load

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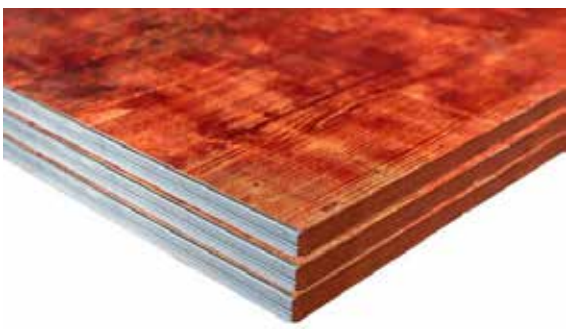
LEONKING
3 PLY SHUTTERING PANEL

FORMWORK PANEL WITH METAL ENDINGS









Solid Wood Panels

Joint-free surfaces for visually beautiful concrete quality The surface finish of our solid wood panels increase the life duration and allows an easy stripping and cleaning. The smooth surfaces gives furthermore visually beautiful concrete quality and joint-free surfaces. The edge protection with C-profile make solid wood panels more durable.

PRODUCT ADVANTAGES

- Accurate & Stable Dimensions
- With metal ends
- High structural strength
- Long service life
- Environmental Protection
- Waterproof

Long service life

PIANO 3-layered shuttering panels impress thanks to the high stability and dimensional accuracy. Both longitudinal external layers and the diagonal central layer are glued between them and water-resistant. Swelling or shrinking are almost excluded thanks to this structure. Optional edge protection and a high quality waterproofing impregnation further increase the durability and make stripping and cleaning easy.





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PIANOPLYWOOD

WA BUINESS



LEONKING
3 PLY SHUTTERING PANEL

FORMWORK PANEL WITH PLASTIC ENDINGS







Customized End color & LOGO

With Plastic endings

Light weight

High structural strength

Thermal effciency

Waterproof

PACKING EFFECT





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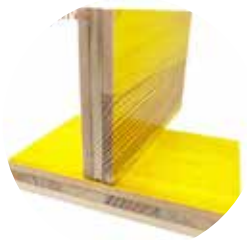
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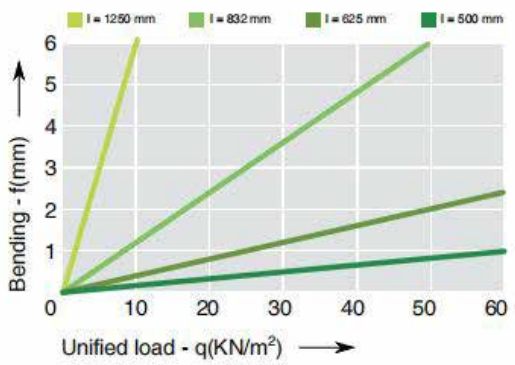
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3 PLY SHUTTERING PANEL





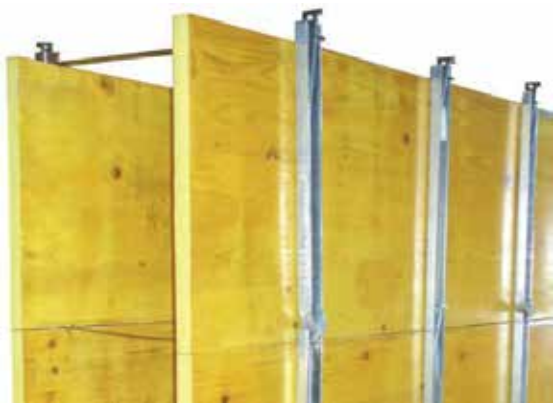
















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LEONKING
3 PLY SHUTTERING PANEL

LEONKING 3 PLY SHUTTERING PANEL ACCESSORY

LEONKING

Tie rods, formwork clamps, tie-brackets and ties forpillar casting, nuts and cones.
Find the solution you need. Or discover new ones.



Formwork clamp
600-800mm weight 7,20kg



Iron spacers for wooden panels
100-1200mm R 70kg/mm2



Helicoidal stanchion
500mm weight 0,90kg



Stanchion pressed hook
500mm weight 0,85kg
1000mm weight 1,60kg
1500mm weight 2,40kg



Pre-galvanised U-shaped element
630mm weight 1,00kg n°2 holes
1130mm weight 1,80kg n°3 holes



Tie-brackets for pillar
150-450mm 500-950mm weight 2,35kg



Ties for pillar
200-400mm weight 9,30kg
250-500mm weight 10,40kg
250-600mm weight 11,90kg
400-800mm weight 16,50kg
600-1000mm weight 28,50kg



Galvanised wedge
weight 0,115kg



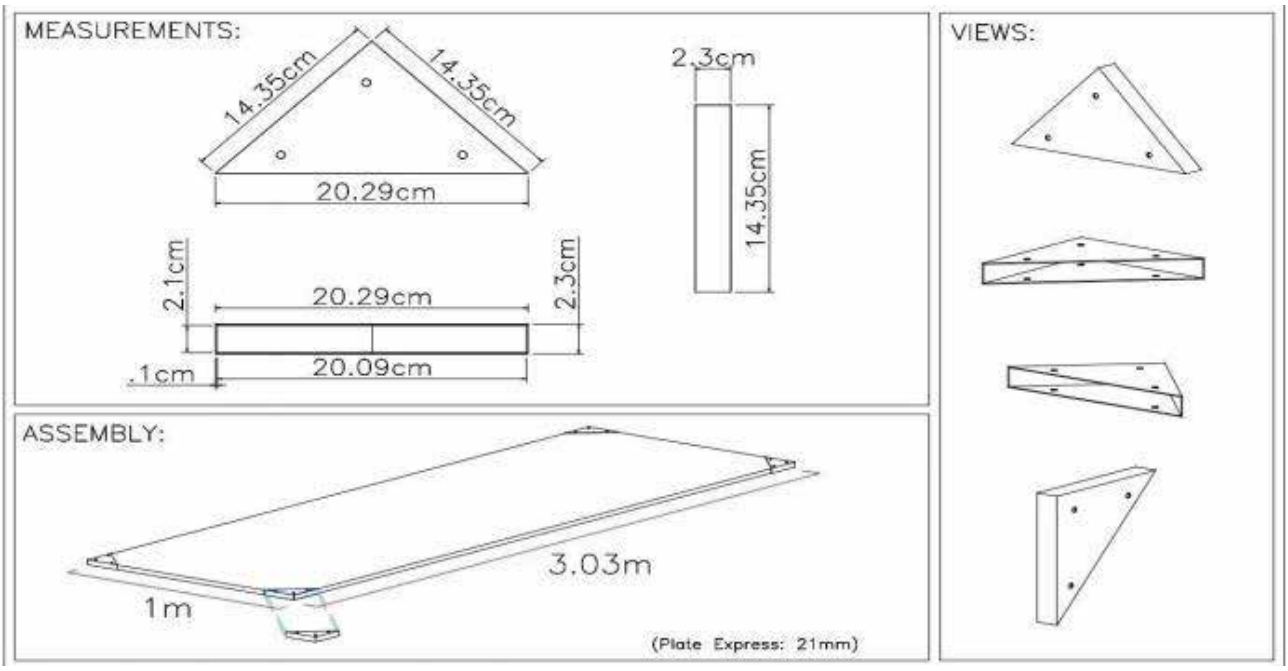
Wedge for ties
weight 0,40kg

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LEONKING
3 PLY SHUTTERING PANEL



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LEONKIG®	material	Q235	products	corner protectors
	Thickness	2.3cm	Drawing no.	U12353-20240301
www.pianoplywood.com	Tolerance	+/-0.2mm	Standard	U12352
E-mail: RobertWang@pianoplywood.com	Size	14.35*14*35*20.29	Page	1/4
	Address:Block E,Floor 4， No.58,New Jinqiao Road,Pudong District,Shanghai,China			

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SHANGHAI QIN GE CERAMIC & BUILDING CO.,LTD.

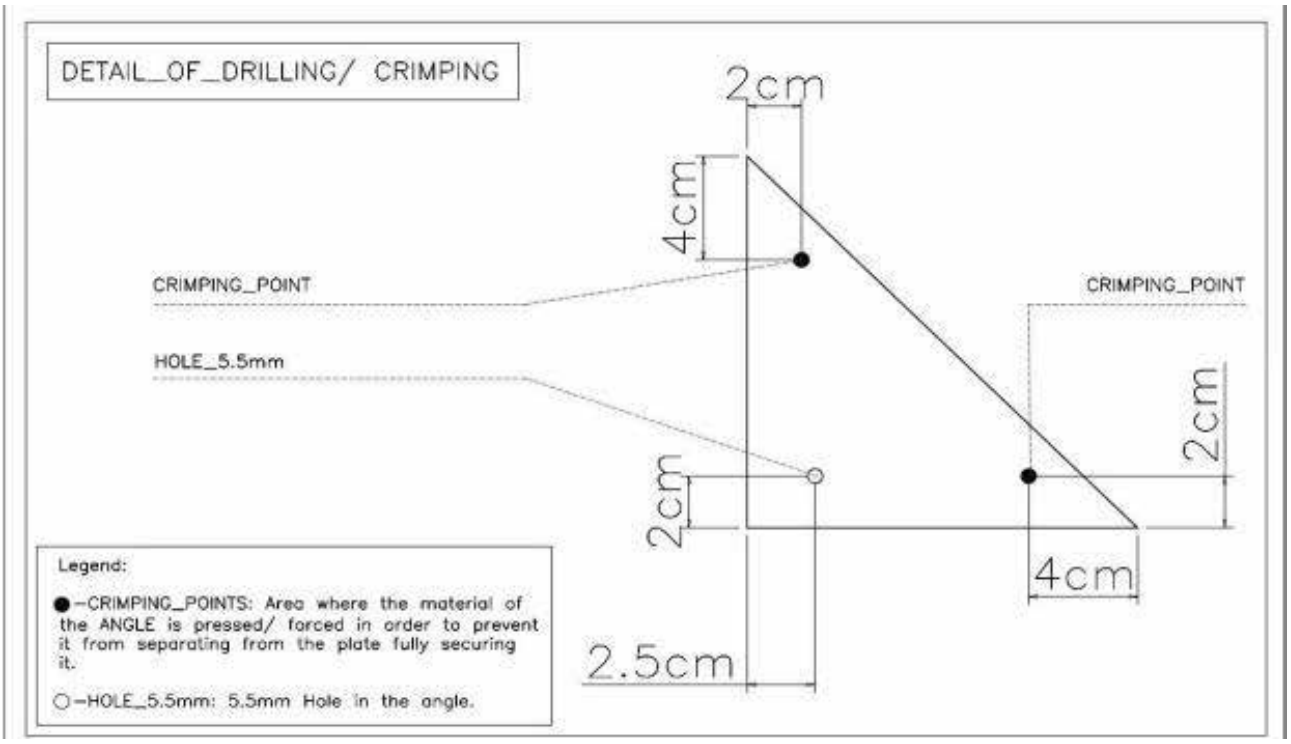
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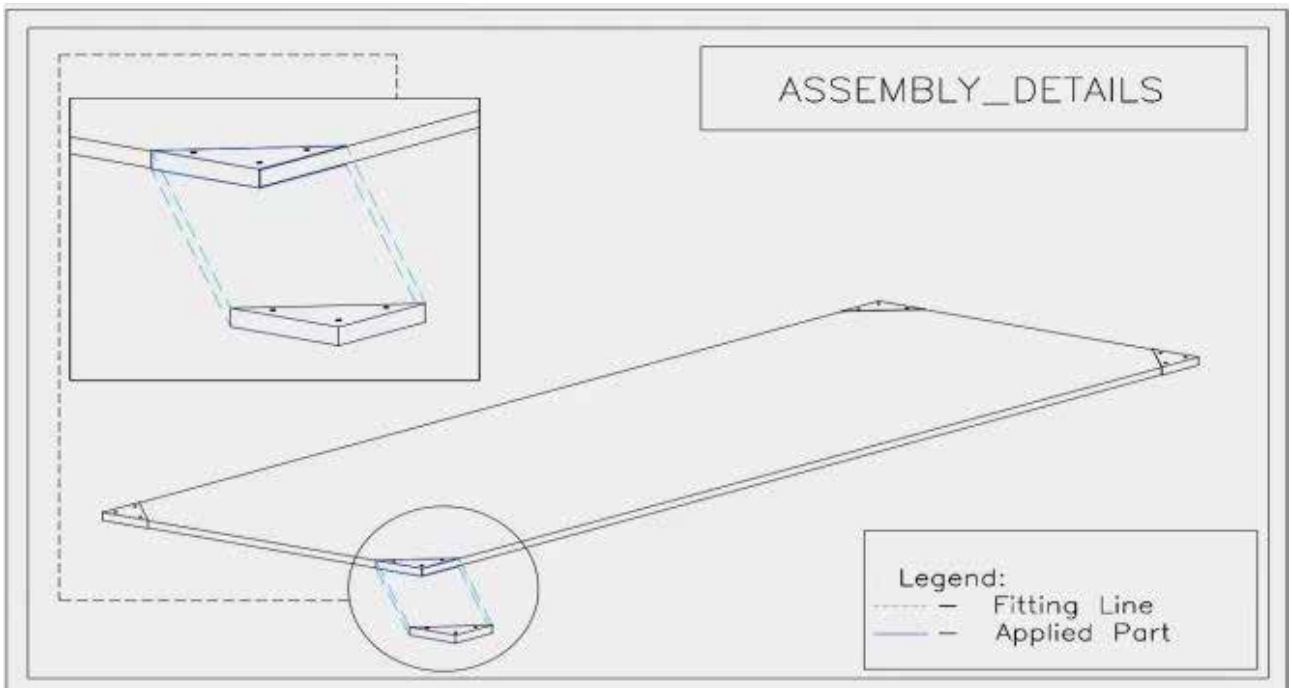
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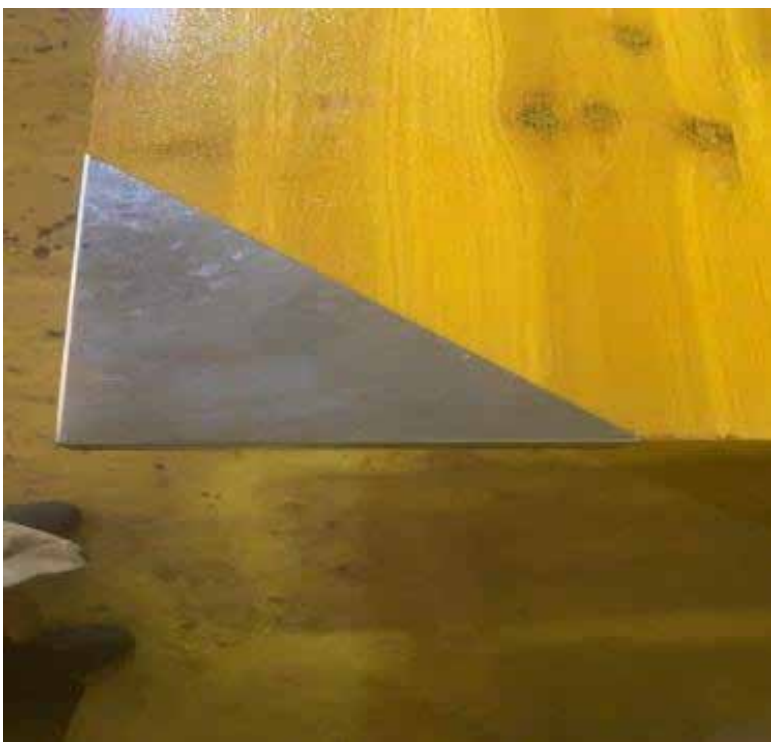
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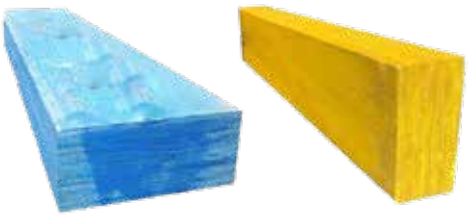
PIANO



For Construction

F17
LAMINATED VENEER LUMBER

PIANOPLYWOOD



PRODUCT CERTIFICATE

- Corrosion resistance
- Free samples&prompt delivery
- Eco-friendly&visualization
- Customized size&thickness
- Waterproof
- Insect resistance

FORMAT SIZE	2700 / 3600 / 4500 / 5400 / 6000 / 7200 / 9600 / 12000 mm
LENGTH	Up to 12000 mm
WIDTH	35 / 45 / 63 / 70 / 90 / 140 / 240 mm
THICKNESS	35 / 45 / 63 mm
STANDARD	AS NZS 4357 / AS NZS 1080.1 BS EN 24829 / BS EN 14279
MATERIAL	Larch / Spruce / Radiata pine
MOISTURE CONTENT	8%-12%







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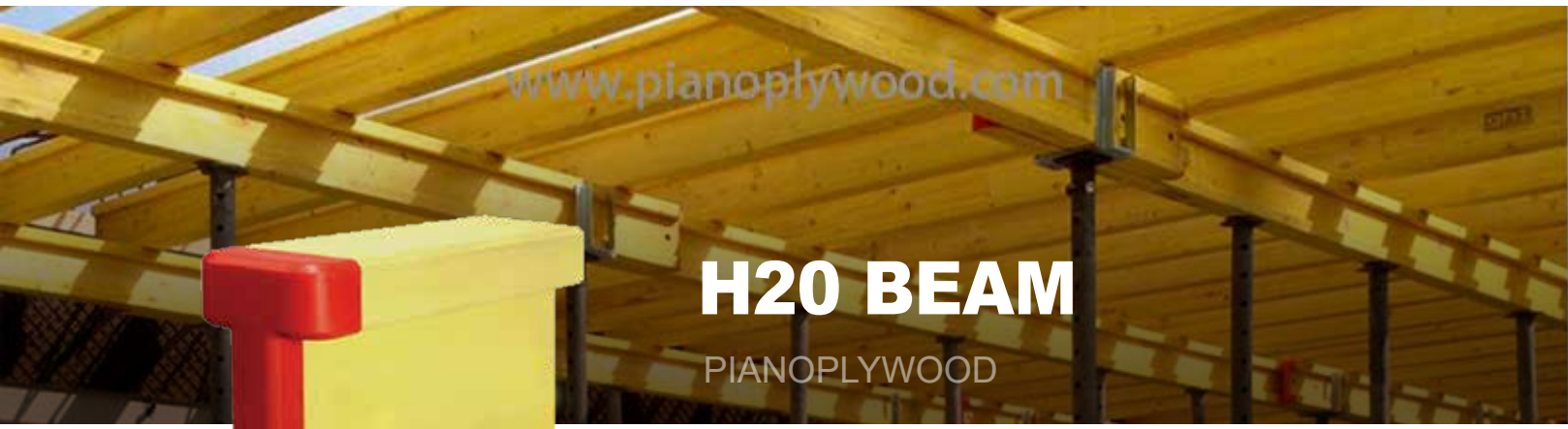
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PIANO DOMA SINGER E-PLY



H20 BEAM

PIANOPLYWOOD



PRODUCT CERTIFICATE

Environmentally friendly

Free samples&prompt delivery

Visualization

Customized size&thickness

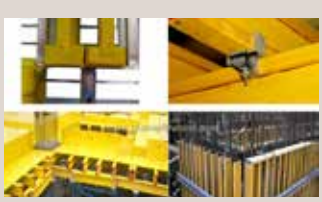
High standards

High quality

FORMAT SIZE	200 * 80 * 40 * 27 mm
SIZE	Flange size: 40 * 80 mm * 3000-5900 mm Web size: 27 / 90 *120 mm * 3000-5900 mm
MATERIAL	Flange： sawed pine / spruce , LVL / timber Web： birch / poplar / larch , plywood
STANDARD	EN 13377 / EN 1993-1 / EN 10034
DENSITY	5.3-5.4 kg/m
MOISTURE CONTENT	8%-12%







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PIANOPLYWOOD WA BUINESS

LEONKING

FORMWORK H20 BEAM

LKH20
E-Ply Piano LKH20

LEONKING LK20 and E-Ply Piano H20 formwork beams are solid web girders and subject to supervision level super a according to EN13377 & GB/T 28985-2012.

Monitoring and certification by material research laboratory at SGS-CSTC Standards Technical Services Co.,Ltd. Xiamen Branch and wood products quality & inspection center of state forestry and grasslang Adinstration (Nanjing).

Product range

Lengths:180,195, 250, 265, 275, 290, 300, 330, 360, 390, 450, 490, 590 cm

E-Ply Piano H20: protection cap possible up to 9 m – over 9 m only cut straight

LK20: rounding with sealing possible up to 9 m – over 9 m only cut straight

Special lengths possible up to 11.90 m

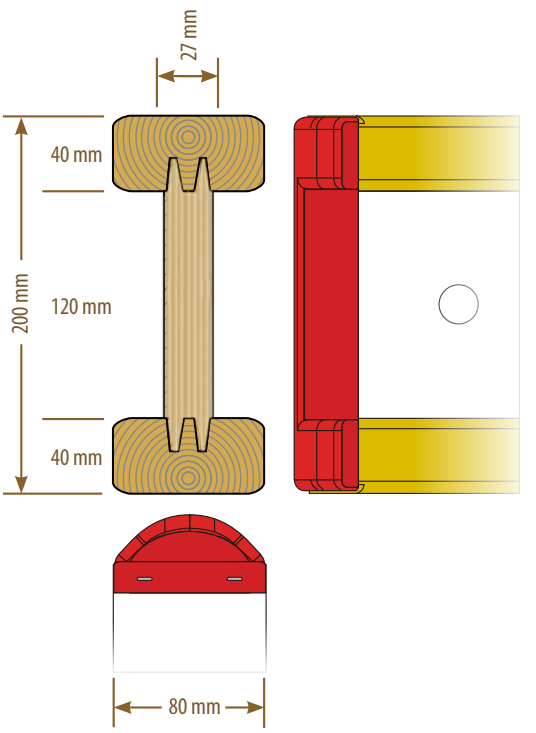
Characteristic limits

Lateral force	Vk = 23.9 kN
Contact resistance	Rb,k = 47.8 kN
Bending moment	Mk = 10.9 kNm
Rigidity I	E_I = 450 kNm²

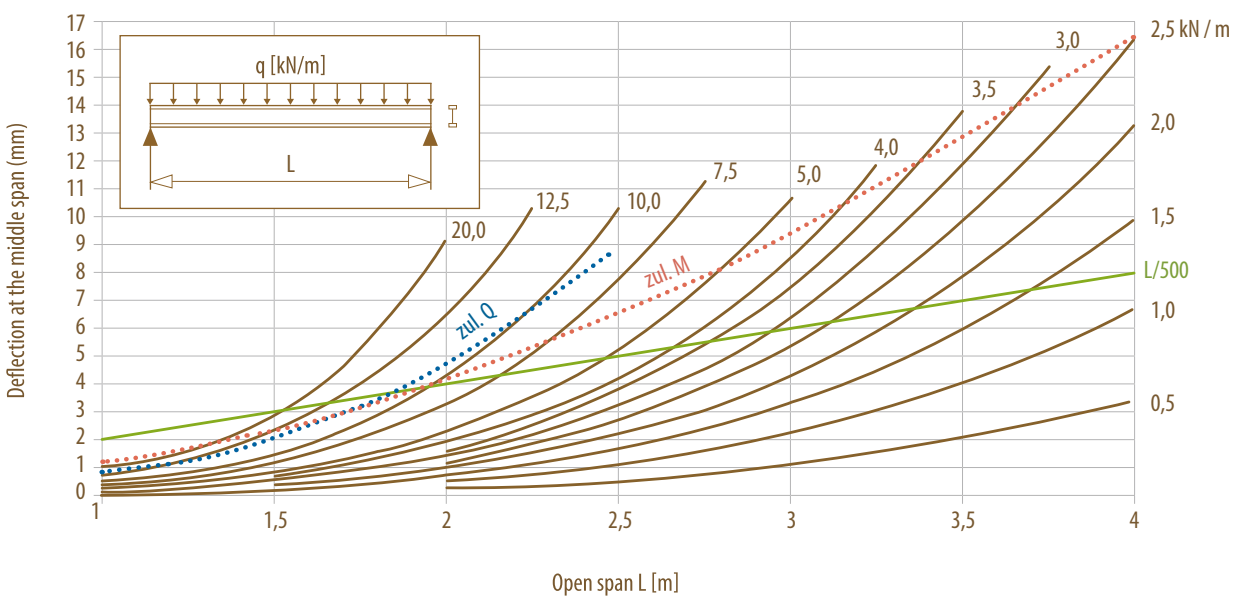
Measurements

Size tolerance: height H=200 +/-2 mm Length tolerance: specified length +/- 10 mm

Weight: approx. 4.8 kg/m



Formwork beam deflection



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PIANOPLYWOOD WA BUINESS

Permissible values:

Shear force	Q = 11 kN
A support reaction	A = 22 kN
Bending moment	M = 5 kN

The chords are mechanically tested for stress grading.

Formwork beam features:

Girder length Manufacturer information: name, logo Custom labeling, client logos possible

Girder types Classification Monitoring level M Product identification number Country of origin

Measuring table forms:

To calculate table forms please see the two tables to the right with the maximum permissible yoke, cross and support beam spacing. The specified influence lines may not be exceeded anywhere.

Measurement table:

Example:

Given: Ceiling thickness (20 cm) + cross-beam spacing (75 cm)
Sought: Yoke-beam spacing + support spacing

1. Ceiling thickness: 20 cm
2. Cross-beam spacing: 75 cm
3. Permissible yoke-beam spacing according to table 1 = 2.56 m
4. Select same or next smaller yoke-beam spacing in table 2 = 2.5 m
5. Choose value 2.50 in table 2, choose the value for ceiling thickness (20 cm) and read the permissible support spacing value: 1.2 m
6. Attention: The corresponding bearing capacity of the supports must be verified!

Table 1 — Max. distance between cross beams (m)

Table 2 — Max. distance between yoke-beams (m) = max. distance between ceiling support beams

Floor thickness (cm)	Total load kN/m²	Cross-beam spacing (m) 0,50	0,63	0,67	0,75	Yoke-beam spacing (m) 1,00	1,25	1,50	1,75	2,00	2,25	2,50	3,00	3,50
10	4,40	3,63	3,37	3,29	3,17	2,88	2,67	2,46	2,28	2,13	2,01	1,91	1,67	1,43
12	4,92	3,43	3,19	3,12	3,00	2,72	2,53	2,33	2,16	2,02	1,90	1,79	1,49	1,28
14	5,44	3,27	3,04	2,97	2,86	2,60	2,41	2,41	2,05	1,92	1,80	1,62	1,35	1,16
16	5,96	3,14	2,92	2,85	2,74	2,49	2,31	2,12	1,90	1,83	1,64	1,48	1,23	1,05
18	6,48	3,03	2,81	2,75	2,65	2,40	2,22	2,03	1,88	1,70	1,51	1,36	1,13	0,97
20	7,00	2,93	2,72	2,66	2,56	2,32	2,14	1,95	1,80	1,57	1,40	1,2	1,05	0,90
22	7,52	2,84	2,64	2,58	2,48	2,26	2,06	1,88	1,67	1,46	1,30	1,17	0,98	0,84
24	8,04	2,76	2,57	2,51	2,42	2,19	2,00	1,82	1,56	1,37	1,22	1,09	0,91	0,78
26	8,56	2,70	2,50	2,45	2,35	2,14	1,93	1,71	1,47	1,29	1,14	1,03	0,86	0,73
28	9,08	2,63	2,44	2,39	2,30	2,09	1,88	1,62	1,38	1,21	1,08	0,97	0,81	0,69
30	9,66	2,57	2,39	2,34	2,25	2,03	1,82	1,52	1,30	1,14	1,01	0,91	0,76	0,65
35	11,22	2,45	2,27	2,23	2,14	1,89	1,57	1,31	1,12	0,98	0,87	0,78	0,65	0,56
40	12,78	2,35	2,18	2,13	2,04	1,72	1,38	1,15	0,98	0,86	0,77	0,69	0,57	0,49
45	14,34	2,26	2,10	2,04		1,53	1,23	1,02	0,88	0,77	0,68	0,61	0,51	0,44
50	15,90	2,18	2,01	1,94		1,38	1,11	0,92	0,79	0,69	0,61	0,55	0,46	0,40

The girder deflection is limited to L/500.
Live load 1,5 kN/m² or 20 % of concrete weight.

Regulations for installation:

The fitting of the formwork beams must be performed by professional and trained personnel in accordance with our application guidelines and safety instructions.

The permissible open span of the LK20 and the E-Ply Piano H20 may not exceed 4,0 m. The sheeting is to be nailed directly onto the upper chord.

Wooden formwork beams should only be utilized in an upright position and must be securely fastened to prevent tipping, as per static requirements.

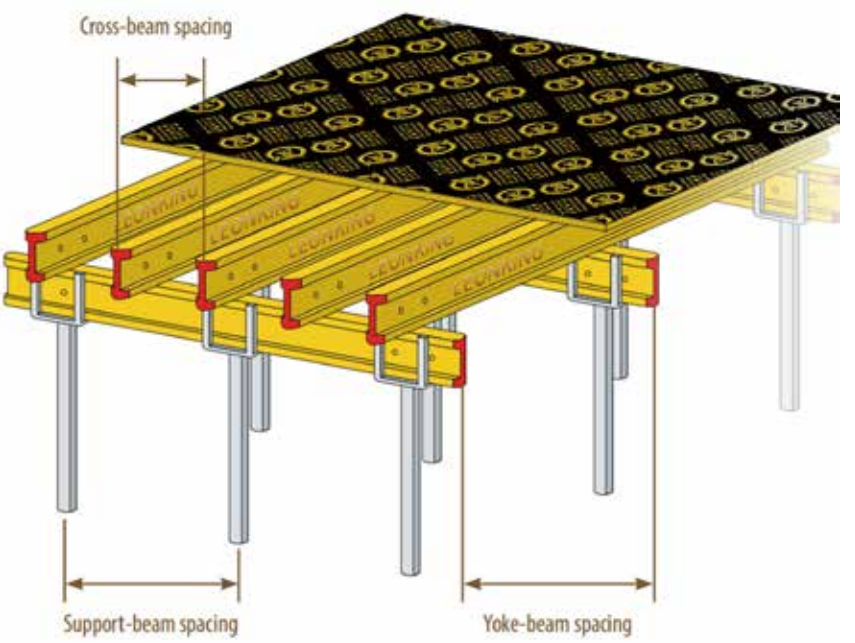
Changes of the product are prohibited and can cause increased hazard potential.

Regulations of use:

Every item must be inspected by the installation firm and may only be used if in perfect condition.

Formwork beams that are damaged or weakened by decay are not to be used.

Please observe that the formwork beams should not be stored in a way that they are exposed to heavy climatic influences and should not be stored out side unprotected. A professional storage increases the general endurance and reduces deformation and crack formation.



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PIANOPLYWOOD WA BUINESS



TIMBER

PIANOPLYWOOD



PRODUCT CERTIFICATE

Environmentally friendly

Free samples&prompt delivery

Visualization

Customized size&thickness

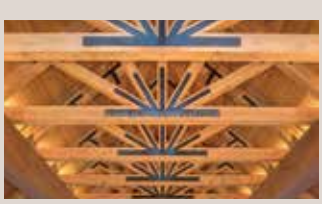
Up to 12000 mm

High standards&quality

LENGTH	2400 / 3000 / 3600 / 4200/ 4800/ 6000 / 7200 / 12000 mm
WIDTH	50 / 75 / 100 / 125 / 150 / 175 / 200 / 225 / 250 / 300 mm
THICKNESS	47 / 75 / 100 mm
MATERIAL	Douglas fir/ spruce/ fir/ radiated pine larch/ Mongolian pine/ birch/ ash basswood/ walnut/ cherry/ oak/ southern yellow pine
STANDARD	BS 4978 / EN 14081 / ISO 737 ISO 1029 / ISO 2299 / ISO 4470
PROCESS	Pressure treated / Carbonized







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PIANOPLYWOOD

WA BUINESS



CDX PLYWOOD

PIANOPLYWOOD

PRODUCT CERTIFICATE

Environmentally friendly

Free samples&prompt delivery

Visualization

Customized size&thickness

High standards

High quality

FORMAT SIZE	1220*2440 mm(4'*8') / 915*2135mm(3'*7')
THICKNESS	2.7-24 mm
OTHER SIZE	Customized size and thickness
STANDARD	BS EN 314-2 / BS EN 315 / BS 6566 / EN 13353 / EN 12775
DENSITY	500-630 kg/m3
MOISTURE CONTENT	8%-12%







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PIANOPLYWOOD

WA BUINESS

PIANO SINGER



ANTI SLIP FILM FACED PLYWOOD

PIANOPLYWOOD



PRODUCT CERTIFICATE

Environmentally friendly

Free samples&prompt delivery

Visualization

Customized size&thickness

High standards

High quality

FORMAT SIZE	1200 * 2400 mm / 1220 * 2440 mm / 1250 * 2500 mm
THICKNESS	9 / 12 / 15 / 18 / 20 / 21 / 25 mm
MATERIAL	Poplar / Eucalyptus / Birch / Pine / Combi
STANDARD	BS EN 314-2 / BS EN 315 / BS EN 316 / BS EN 636
DENSITY	500-700 kg/m3
MOISTURE CONTENT	8%-12%







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PIANOPLYWOOD

WA BUINESS



CIRCULAR FILM FACED PLYWOOD

PIANOPLYWOOD



PRODUCT CERTIFICATE

Environmentally friendly

Free samples&prompt delivery

Visualization

Customized
Size & Thickness & Diameter

Prov. cust. logo&design

High standards&quality

FORMAT SIZE	300-3000 mm * 1000-3000 mm * 14-18 mm / 20-22 mm
DIAMETER	300-3000 mm
LENGTH	1000 * 3000 mm
THICKNESS & DIAMETER	14-18 mm & 300-1200 mm / 20-22 mm & 1200-3000 mm
MATERIAL	Poplar / Eucalyptus / Birch / Pine / or Other hardwood
STANDARD	BS EN 314-2 / BS EN 315 / BS EN 316 / BS EN 636







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PIANOPLYWOOD

WA BUINESS

PIANO SINGER



PLASTIC FILM FACED PLYWOOD

PIANOPLYWOOD

PRODUCT CERTIFICATE

CE FSC ISO ISO9001 PEFC E0

30 **Casting up to 30 times**

Free samples&prompt delivery

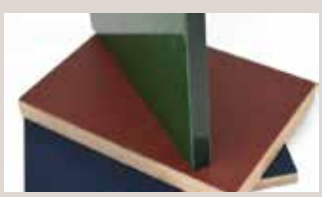
Eco-friendly&visualization

Customized size&thickness

Customized multiple colors

High standards&quality

FORMAT SIZE	1220 * 2440 mm (4'*8') / 1250 * 2500 mm
LENGTH	1525 / 1830 / 2135 / 2400 / 2440 / 2500 / 3000 / 3050 mm
WIDTH	610 / 915 / 1200 / 1220 / 1250 / 1500 / 1525 mm
THICKNESS	6-35 mm
STANDARD	BS EN 314-2 / BS EN 315 / BS EN 316 BS EN 636 / EN 13353
DENSITY	500-680 kg/m3
MOISTURE CONTENT	8%-12%







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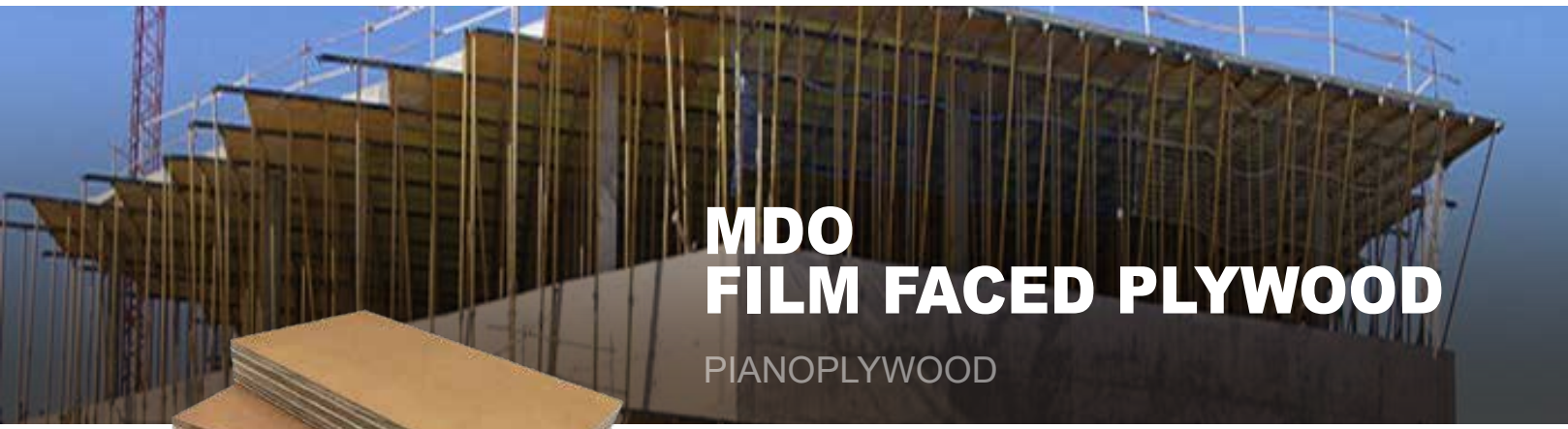
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PIANOPLYWOOD WA BUINESS



MDO
FILM FACED PLYWOOD

PIANOPLYWOOD



PRODUCT CERTIFICATE

Environmentally friendly

Free samples&prompt delivery

Visualization

Customized size&thickness

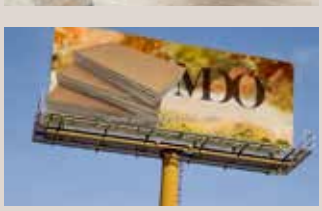
High waterproof

High standards&quality

FORMAT SIZE	1220 * 2440 mm / 1250 * 2500 mm
THICKNESS	9-25 mm
LENGTH	1830 / 2440 / 2500 / 3000 / 3050 mm
WIDTH	610 / 915 / 1220 / 1250 / 1500 / 1525 mm
STANDARD	BS EN 314-2 / BS EN 315 / BS EN 316 BS EN 636 / EN 13353
DENSITY	500-530 kg/m3







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PIANOPLYWOOD

WA BUINESS



OSB

PIANOPLYWOOD



PRODUCT CERTIFICATE

Environmentally friendly

Free samples&prompt delivery

Visualization

Customized size&thickness

High waterproof

High standards&quality

FORMAT SIZE	1220 * 2440 mm / 2100 * 280 mm / 1830 * 2440 mm
LENGTH	2440 / 2800 mm
WIDTH	1220 / 1830 / 2100 mm
THICKNESS	9-25 mm
STANDARD	APA PS1-95 / ANSI 117 / ANSI A190.1 ANSI/APA RPG 320 / ANSI 405 / EN314-2
SURFACE DESIGN	Melamine paper(glossy / matt / embossed etc.) Beech / Oak / Walnut / Maple / Teak / Cherry / Lvory or as request







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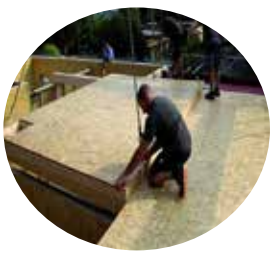
PIANOPLYWOOD

WA BUINESS

OSB-ORIENTED STRAND BOARD

PRODUCT
OSB-Oriented Strand Board

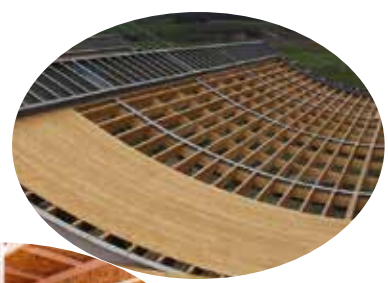




OSB sheathing panels provide dimensional stability and stiffness for wall and roof sheathing applications. These panels have strong and uniform consistency throughout. Plus, they have a blue edge seal that helps prevent moisture-related issues such as edge swell.

- Every piece meets the highest grading standards for strength and appearance
- No core voids, knots, or splits
- Multi-layered bonding provides exceptional dimensional stability and stiffness
- Panels offer strength, racking and impact resistance, and uniformity







Format	2500*1250 , 2440*1220mm ,(customizable according to requirements)
Thickness	9,12,15,18mm ,(Customizable according to reuirements)
Emission Class	E1 (EN ISO 12460-5)
certificate	FSC/CE/CARB/ISO 9001
standard	EN 300-type OSB 3/EN 13501-1:class B-s1,d0/EN 13986:2004+A1:2015
Application	1.Structural applications:walls,floors,roofs,staircases,hoardings , 2.Interior:furniture elements,decorative elements in indoor spaces,framework in upholstered furniture,door panels,claddings and partition walls , 3.Packaging:shipping boxes and containers,pallets , 4.Retail & exhibitions , 5.Warehouse management(shelving,racking,etc.)

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PIANOPLYWOOD
WA BUINESS

OSB-ORIENTED STRAND BOARD



OSB 2

OSB 2 is developed and manufactured entirely in compliance with the current demand of ecological living focused on organic materials. Selecting suitable wood and binder, OSB 2 meets high standards of not only environmental buildings.

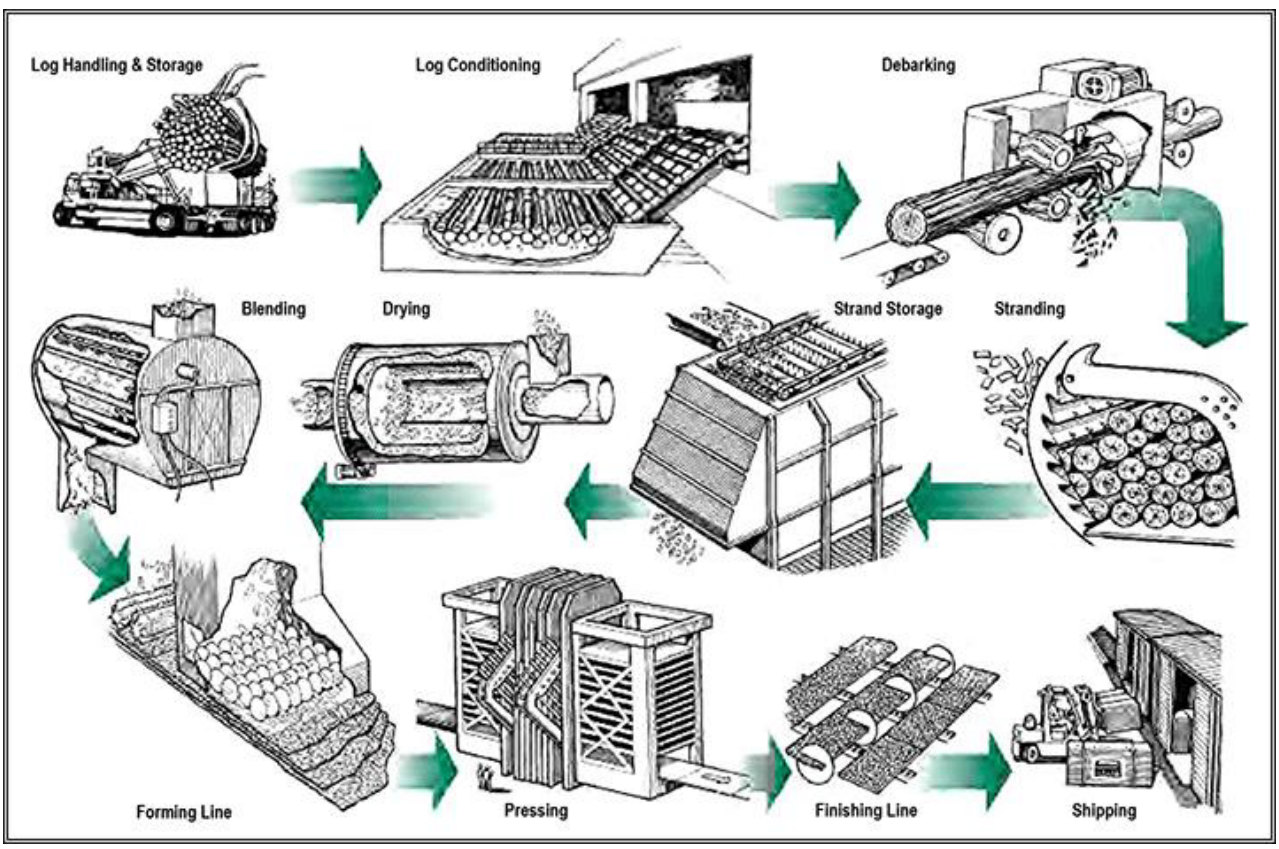


OSB 3

OSB 3 is the most progressive OSB type that is currently available. OSB 3 is developed and manufactured entirely in compliance with the current demand of ecological living focused on organic materials. Selecting suitable wood and binder, OSB 3 meets high standards of not only environmental buildings.







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PIANOPLYWOOD WA BUINESS

PIANO SINGER



PRESSURE TREATED TIMBER

PIANOPLYWOOD



PRODUCT CERTIFICATE

Corrosion resistance

Free samples&prompt delivery

Visualization

Customized size&thickness

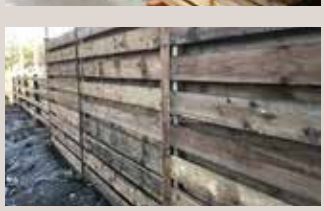
High waterproof

High standards&quality

LENGTH	Up to 12000 mm
WIDTH	50 / 75 / 100 / 125 / 150 / 175 / 200 / 225 / 250 / 300 mm
THICKNESS	47 / 75 / 100 mm
MATERIAL	Douglas fir / Spruce / Fir / Radiated pine / Larch / Mongolian pine / Birch / Ash/ Basswood / Walnut / Cherry / Oak / Southern yellow pine
TREATMENT AGENT	CCA / ACQ / CA-B / CBA / Cu8 / CuN / BAC / Cu+DDAC / Arsenic / Permethrin / Cypermethrin / Deltamethrin / Creosote / Bifenthrin / TBTO Or TBTN
PROCESS	Pressure treated / Carbonized







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PIANOPLYWOOD WA BUINESS

PRESSURE TREATED TIMBER

PRODUCT
Pressure Treated Timber



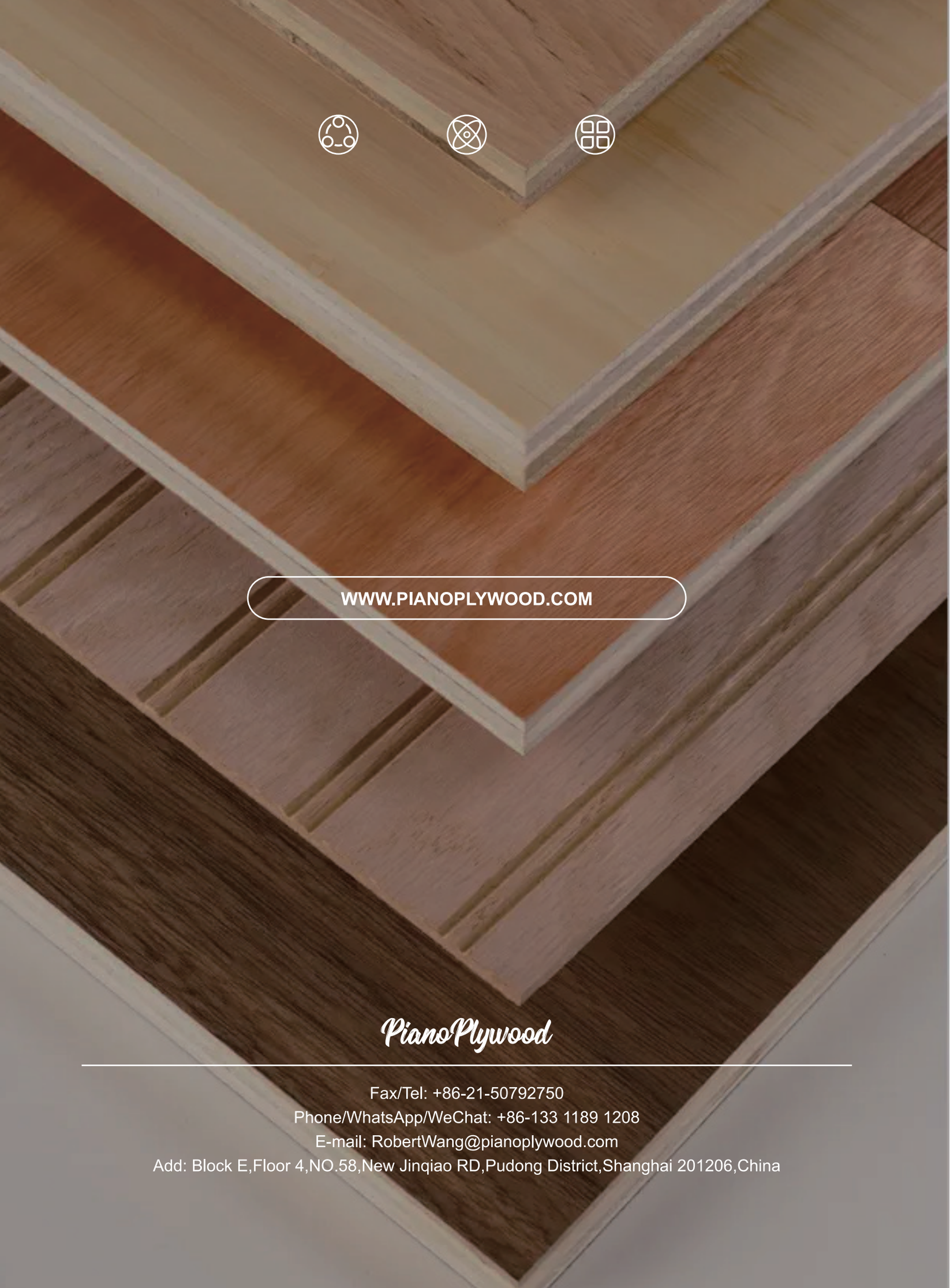


Use category		Use condition	Use environment	Main biological wood-destroying agencies	Typical use
C1	H1	Indoor; kept clear of soil	Used in indoor dry environment; free of effect from weather and moisture	Moth	Building interior, decoration and furniture
C2	H2	Indoo; kept clear of soil	Used in indoor environment,sometimes under the effect of moisture but free of weather effect	Moth,termite and wood-destroying fungi	Building interior,decoration,furniture,basement and toilet
C3	H3	Outdoor; kept clear of soil	Used in outdoor environment and exposed to various weathers,including shower but not immersed in water for a long term	Moth,termite and wood-destroying fungi	Deck(of platform,walkway and trestle),outdoor furniture and exterior door and window(of building)
C4A	H4	Outdoor ; exposed to soil or immersed in fresh water	Used in outdoor environment,exposed to various weathers,and contacted with the ground or immersed in fresh water for a long term.	Moth,termite and wood-destroying fungi	Fence column,support,wooden house foundation,cooling tower,electic pole and jamb(pitprop)
C4B	H5	Outdoor ;exposed to soil or immersed in fresh water	Uesd in outdoor environment,exposed to various weathers,and contacted with the ground or immersed in fresh water for a long term.Structural component which is difficult to replace or the crutucal one.	Moth.termite and wood-destroying fungi	(Fresh water)Pier fender,pile and jamb(pitprop)
C5	H6	Lmmersed in seawater(salt water)	Lmmersed in seawater(salt water)for a long term.	Marine boring animal	Seawater(salt water)pier fender,pile and wooden boat

Length	Up to 12 meters(customized according to requirements)
Width/thickness	Customizable according to reuirements
Treatment agent	CCA/ACQ/CA-B/CBA/Cu8/CuN/BAC/Cu+DDAC/Arsenic/Permethrin/Cypermethrin/Deltamethrin/Creosote/Bifenthrin/TBTO or TBTN
Standard	H2F/EN-350-2-1994
Material	Pine/Radiata Pine/Red pine/Larch/fir/spruce/southern pines/Douglas fir/ Hemlock/Mason pine
Application	1.Anticorrosive wooden flower racks and boxes;2.Anticorrosive wooden corridor,3.Anticorrosive wood flooring,4.Anticorrosive wooden tables and chairs,and anti-corrosion wooden stools

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