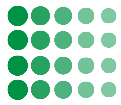


**Well-Equipped Facilities
Advanced Craftsmanship
Guaranteed Quality**





01 COMPANY INTRODUCTION



Hubei Baoyuan Wood Industry Co., Ltd. has fully introduced the complete sets of equipment from German Dieffenbacher Mechanical Manufacturing Company and German Pallmann Machinery Company. The production line for fine wood boards (OSB) with an annual output of 220,000 cubic meters, which involved an investment of 530 million yuan, was completed and put into operation on November 24, 2010. The entire production line uses isocyanate (PMDI) adhesive from Huntsman Corporation in the United States. The products are produced in accordance with the European EN300 standard, and their quality is superior to the European standard. The successful completion and operation of Baoyuan's fine wood board (OSB) production line has put an end to the history of relying on imported OSB boards.



PRODUCTION PROCESS AND EQUIPMENT 02



Palmman long wood chipper



GTS Thermal Power Plant



Targeted paving system



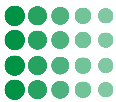
Blank



Difenbach continuous flat press (OSB board with thickness of 6.5mm~40mm, width of 2.5m and length of 12m can be produced)



Control centre (produced according to European EN300 standards)



03 PRODUCT DESCRIPTION



Product Introduction

Implementation Standard: AS1684.2-2021 (Australian-Standard)&EN300:2006(European Standard)

Special Treatment: OSB that has undergone special treatment to achieve H2 grade,and has not undergone treatment.

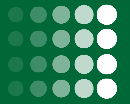
Application Field: In the walls, floor slabs and roof panels of various buildings such as wooden structure houses and light steel structure houses. It is mainly used as structural wall support, and also for I-joist web and SIPS (Structural Insulated Panel System).

Certification: CMI、CE、FSC、TPAA。

Technical Specifications

6.5mm (Tk.) OSB Dimensions		9.0、11、12、15、18mm (Tk.) OSB Dimensions		19、22、25mm (Tk.) OSB Dimensions	
Length(mm)	Width(mm)	Length(mm)	Width(mm)	Length(mm)	Width(mm)
2440	900	2440	1220	3600	600
2440	1200	2500	1250	3600	800
2745	900	2745	1200	3600	1200
2745	1200	3050	1200	—	—
3050	900	—	—	—	—
3050	1200	—	—	—	—

Note： The sizes in the above table are for partial products, and custom sizes are also available according to customer requirements.



Our company's OSB is oriented strand board (OSB/3) complying with EN300 standard. The product is designed for high strength, durability and stable performance by adopting advanced German manufacturing technology.

OSB SIX FEATURES

■ Green and environmentally friendly

OSB uses the environmentally friendly isocyanate (PMDI) adhesive from Huntsman Corporation in the U.S., ensuring its formaldehyde-free environmental quality. It is a genuine formaldehyde-free eco-friendly panel comparable to natural wood.

■ Strong nail-holding force

OSB is paved in a crisscross three-layer structure, ensuring strong nail-holding force both at the center and edges.

■ High strength

OSB has an extremely low expansion coefficient, featuring good flexural and bending strength as well as excellent impact resistance.

■ Non - deformable

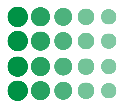
OSB has a three-layer structure, with the upper and lower layers of flakes arranged longitudinally and the core layer flakes arranged transversely. The crisscross structure endows OSB with extremely high stability and flexural strength.

■ Excellent waterproof performance

Due to the fact that the environmentally friendly isocyanate (PMDI) adhesive is insoluble in water, OSB has excellent waterproof performance.

■ The overall structure is uniform

OSB is formed by three layers of wood shavings paved in crisscross directions and continuously hot-pressed, featuring good overall uniformity. The refined wood board reorganizes the wood texture structure, completely eliminating the influence of internal wood stress on processing, and has good processing performance.



05 APPLICATIONS OF OSB



OSB
OF

PROJECTS CONSTRUCTION



PURSUE
SUPERIOR
QUALITY



In the Melbourne area of Australia,
there are 11 single-family houses
and 50 townhouses.



Assemble a Green World , Craft a Beautiful Life

PROFESSIONAL SUPPLIER
OF
OSB BOARD

ENTERPRISE CERTIFICATE 06

SCS Global Services does hereby certify that an independent audit has been completed and conformity to the applicable standard(s) has been confirmed for:

Beijing Baoyuan New Materials Technology Co., Ltd.

This single certificate covers the trade of Oriented Strand Board (OSB), Medium-density fibreboard (MDF), and veneer plywood using the transfer system.

The facility(s) are hereby Chain of Custody certified to sell products as:

FSC 100%, FSC Mix

FSC Standard: FSC-SID-40-004

Stewardship Council® A.C. (FSC®)

Certificate Code: SCS-COC-701842

Trademark License Code: FSC-C216271

Valid from: 16/05/2025

(DD/MM/YYYY)

Expiry date: 15/05/2030

(DD/MM/YYYY)

SCSglobal
SERVICES

Magpie Schwartz, Vice President, Natural Resources
SCS Global Services
200 Powell Street, Ste. 500, Emeryville, CA 94608 USA



T P A A

TIMBER PRESERVERS' ASSOCIATION OF AUSTRALIA

PRESERVATIVE TREATMENT BRAND

The preservative brand 0417 912 is allocated to:

Company: BEIJING BAORYUAN NEW MATERIALS TECHNOLOGY CO LTD

Postal address: Room 1103, 10th Floor, Building 7, Courtyard 9, Hulongguan West Street, Changping District, Beijing, China

Conditions:

- The treatment and brand shall have effect from **July 01, 2025 to June 30, 2026**
- To comply with Australian building regulations and codes.
- a) The brand is to be used to brand timber, cladding to comply with the treatment specifications of Australian Standard AS/NZS 1604.1 - 2021
- b) The brand shall be applied according to Section 6 of Australian Standard AS/NZS 1604.1 - 2021.
- At the point of sale, the brand must be readable.

Details:

Plant location: No 18, Zilang Street, Zilang Town, Donghai District, Jingmen City, Hubei, 448105, China

Timber species: Pine / Poplar

Form of timber: Oriented Strand Board (OSB)

Preservative to be used: Blenheim

Method of treatment: Glue Line Treatment

Method of application of the brand: burn brand / tag / ink stamp (Delete as necessary)

(Reference) fee: \$155.00 Issue date: 03-June-2025 Receipt #: 29570

Jack Norton

Secretary
Timber Preservers' Association of Australia

SJT SJT INCORPORATED COMPANY

Report No: SJT-202404700-0021

Part 1: Sample and Test Information

Address: Beijing Baoyuan New Materials Technology Co., Ltd.
Address: Room 1103, 10th Floor, Building 7, No. 9 Courtyard, West Hulongguan Street, Changping District, Beijing, China
Sample description: Oriented Strand Board (OSB) samples for Type Test in this report were randomly sampled at the facility site for official representation of SJT Corporation in accordance with EN 15918:2016, 3.1.2021. The report covers seven (7) samples. The report includes the following information: a) Sample identification, b) Sample description, c) Sample quantity, d) Sample specification and e) Sample source distribution and address in Matrix Table.

Sampling Plan				
Test Item	Specimen Identification (Length Width Thickness, mm)	Sample Size	Sample Distribution and Origin Distribution	
General				
Dimensions	2440 (1200 x 4)	80	Sampled from 7 production batches. Sample of 20 pieces, shall be in accordance with EN 15918.	
Moisture Content	50 (30 x 4)	30	Sampled from 7 production batches. The test and specimen weight at least 20 g and the specimen shall be 100% free of glue.	
Density	50 (30 x 4)	80	Sampled from 7 production batches. Sample of 20 pieces, shall be in accordance with EN 15918.	
Formaldehyde emission	20 (20 x 4)	N/A	Sampled from 7 production batches. Sample of 20 pieces, shall be in accordance with EN 15918. The test piece shall be cut from the board. The test piece shall be 100% free of glue.	
Mechanical and swelling properties				
Bending strength	major axis	250 (50 x 4)	30	Sampled from 7 production batches. Sample of 20 pieces, shall be in accordance with EN 15918. The test piece shall be cut from the board. The test piece shall be 100% free of glue.
	minor axis	250 (50 x 4)	30	Sampled from 7 production batches. Sample of 20 pieces, shall be in accordance with EN 15918. The test piece shall be cut from the board. The test piece shall be 100% free of glue.

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SJT SJT INCORPORATED COMPANY

Report No: SJT-202404700-0021

Internal bond	50 (30 x 4)	30	Sampled from 7 production batches. Sample of 20 pieces, shall be in accordance with EN 15918.
Bending in Bending-2M (internal)	50 (30 x 4)	30	Sampled from 7 production batches. Sample of 20 pieces, shall be in accordance with EN 15918.
Moisture resistance			
Moisture resistance	50 (30 x 4)	80	Sampled from 7 production batches. Sample of 20 pieces, shall be in accordance with EN 15918.

Adhesive Information: The adhesive used is Polyurethane Polyphenylene Isocyanate. Adhesive information is listed in the table below:

Adhesive Name	Type	Manufacturer	Specification
Polyurethane Polyphenylene Isocyanate	WUANSATE-H120C	Wanhua Chemical Group Co., Ltd.	1 kg bucket (Acceptable Product)

Manufacturers: Hubei Baoyuan Wood Industry Co., Ltd.

Manufacturers: No.18, Zilang Street, Zilang Town, Donghai District, Jingmen City, Hubei, 448105, China

Address: P.R.C.

Country of origin: 202404700-0021

Sample No: April 1, 2025

Sample Date: April 1, 2025

Test Period: April 1, 2025 - April 21, 2025

Test Required: Required type test(s) as per EN 15918:2016

Test Results: Please refer to next page(s).

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SJT SJT INCORPORATED COMPANY

Report No: SJT-202404700-0021

Part 2: Test Results Summary				
Test Item	Units	Test Results	Standard Requirement	Verification Results
General requirements				
Tolerances on external dimensions	Thickness	mm	0.7	<0.7mm
	Length	mm	1.2	<1.2mm
	Width	mm	1.0	<1.0mm
Edge straightness tolerance				
Edge straightness tolerance	mm/m	0.2	1.5mm/m	Pass
Squares tolerance				
Squares tolerance	mm	0.2	2.0mm	Pass
Moisture Content				
Moisture Content	%	4.8	2% - 12%	Pass
Tolerance on the mean density within a board				
Tolerance on the mean density within a board	%	7.7	<10%	Pass
Formaldehyde Emission				
Formaldehyde Emission	mg/100g	0.51	<0.5mg/100g	Pass
Requirements for specified mechanical and swelling properties				
Bending strength-major axis	N/mm ²	34.1	Oriented Strand Board shall comply with the requirements of EN 15918:2016, 3.1.2021.	Pass
Modulus of elasticity in bending-major axis	N/mm ²	3850	Oriented Strand Board shall comply with the requirements of EN 15918:2016, 3.1.2021.	Pass
Bending strength-minor axis	N/mm ²	30.7	Oriented Strand Board shall comply with the requirements of EN 15918:2016, 3.1.2021.	Pass
Modulus of elasticity in bending-minor axis	N/mm ²	1400	Oriented Strand Board shall comply with the requirements of EN 15918:2016, 3.1.2021.	Pass
Internal bond				
Internal bond	N/mm ²	0.69	(Type OSB) shall be in accordance with EN 15918:2016, 3.1.2021.	Pass
Swelling in thickness-24 h immersion				
Swelling in thickness-24 h immersion	%	0.0	<0.5 (EN 15918:2016, 3.1.2021)	Pass
Requirements for moisture resistance				
Internal bond after test	N/mm ²	0.19	>0.15	Pass

Notes:
(1) The detailed test data show reference results of the report.
(2) The required requirements of specified mechanical, swelling properties and moisture resistance stated in EN 15918:2016, 3.1.2021.

Comps: Chen Jiaojiao

Verifies: Chen Yang

Approves: Song Li



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SJT SJT INCORPORATED COMPANY

Report No: SJT-202404700-0021

Test Results				
EN 15918:2016 - Minimum content				
Test Method: Reference to section 6 moisture content determination stated in EN 15918:2016.				
Test Results:	Limit	Unit	Test Results	
Moisture content	2 - 12	%	4.8	
EN 15918:2016 - Minimum density				
Test Method: Reference to section 6 density determination stated in EN 15918:2016.				
Test Results:	Limit	Unit	Test Results	
Density on the mean density	<10	%	7.7	
EN 15918:2016 - 24 h thickness swelling				
Test Method: Reference to section 6 thickness swelling determination stated in EN 15918:2016.				
Test Results:	Limit	Unit	Test Results	
Thickness swelling	<0.5	%	0.0	
EN 15918:2016 - Internal bond				
Test Method: Reference to section 6 internal bond determination stated in EN 15918:2016.				
Test Results:	Limit	Unit	Test Results	
Internal bond	>0.15	N/mm ²	0.19	
EN 15918:2016 - Moisture resistance				
Test Method: Reference to section 6 moisture resistance determination stated in EN 15918:2016.				
Test Results:	Limit	Unit	Test Results	
Moisture resistance	>0.15	N/mm ²	0.19	
EN 15918:2016 - Bending strength				
Test Method: Reference to section 6 bending strength and swelling modulus of elasticity determination (three-point bending) stated in EN 15918:2016.				
Test Results:	Limit	Unit	Test Results	
Bending strength-major axis	30	N/mm ²	34.1	
Modulus of elasticity in bending-major axis	1400	N/mm ²	1400	
Bending strength-minor axis	25	N/mm ²	30.7	
Modulus of elasticity in bending-minor axis	1400	N/mm ²	1400	
EN 15918:2016 - Formaldehyde emission				
Test Method: Reference to formaldehyde emission determination stated in EN 15918:2016.				
Test Results:	Limit	Unit	Test Results	
Formaldehyde emission	0.5	mg/100g	0.51	

Notes:
(1) The test results are in accordance with the requirements of EN 15918:2016, 3.1.2021.
(2) The test results are in accordance with the requirements of EN 15918:2016, 3.1.2021.

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SJT SJT INCORPORATED COMPANY

Report No: SJT-202404700-0021

Test Results				
EN 15918:2016 - Bending strength				
Test Method: Reference to section 6 bending strength and swelling modulus of elasticity determination (three-point bending) stated in EN 15918:2016.				
Test Results:	Limit	Unit	Test Results	
Bending strength-major axis	30	N/mm ²	34.1	
Modulus of elasticity in bending-major axis	1400	N/mm ²	1400	
Bending strength-minor axis	25	N/mm ²	30.7	
Modulus of elasticity in bending-minor axis	1400	N/mm ²	1400	
EN 15918:2016 - Internal bond				
Test Method: Reference to section 6 internal bond determination stated in EN 15918:2016.				
Test Results:	Limit	Unit	Test Results	
Internal bond	>0.15	N/mm ²	0.19	
EN 15918:2016 - Moisture resistance				
Test Method: Reference to section 6 moisture resistance determination stated in EN 15918:2016.				
Test Results:	Limit	Unit	Test Results	
Moisture resistance	>0.15	N/mm ²	0.19	
EN 15918:2016 - Bending strength				
Test Method: Reference to section 6 bending strength and swelling modulus of elasticity determination (three-point bending) stated in EN 15918:2016.				
Test Results:	Limit	Unit	Test Results	
Bending strength-major axis	30	N/mm ²	34.1	
Modulus of elasticity in bending-major axis	1400	N/mm ²	1400	
Bending strength-minor axis	25	N/mm ²	30.7	
Modulus of elasticity in bending-minor axis	1400	N/mm ²	1400	

Notes:
(1) The test results are in accordance with the requirements of EN 15918:2016, 3.1.2021.
(2) The test results are in accordance with the requirements of EN 15918:2016, 3.1.2021.

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Dongbao District, Jingmen City, Hubei Province, China.