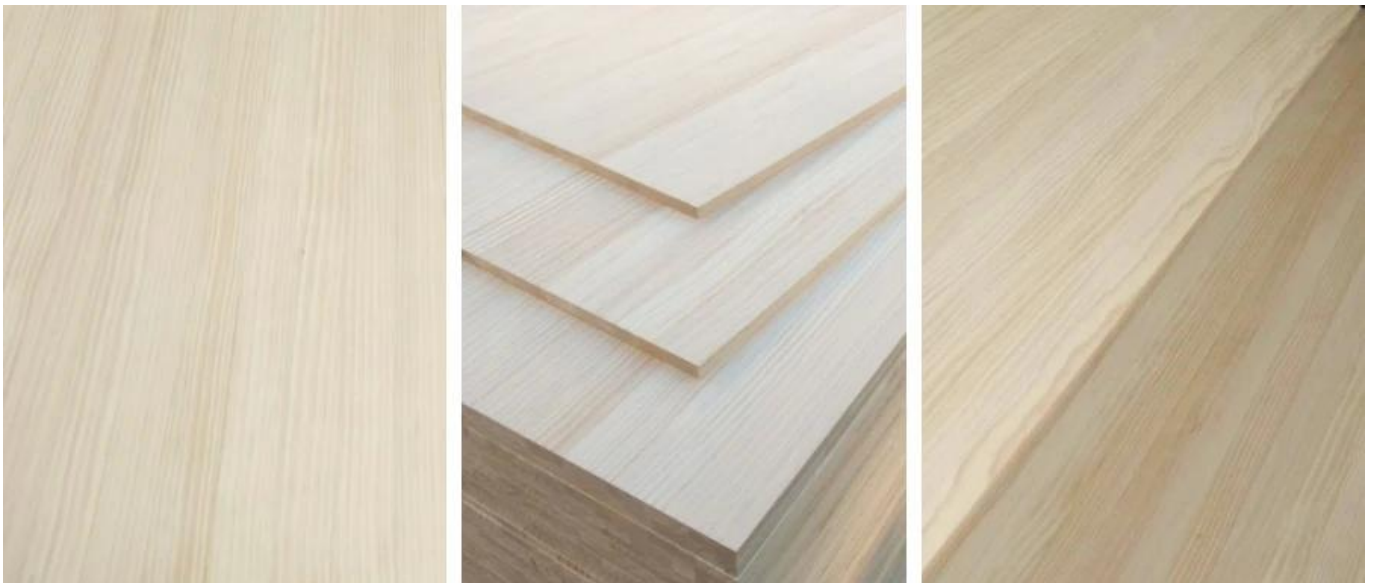


Physical Properties

Strength and stability: it has certain strength and toughness, uniform density, and the strength can meet the requirements of general construction and furniture manufacturing([china Radiata pine drying factory](#)). It is not easy to have serious deformation and cracking after drying treatment, with average shrinkage efficiency and strong stability.

Thermal insulation and sound absorption and noise reduction: good thermal insulation properties, can effectively prevent heat transfer, reduce the temperature difference between indoor and outdoor. Sound absorption and noise reduction effect is good, can reduce the impact of noise on life, to create a quiet and comfortable living environment.

Fireproof performance: B1 level fireproof material, will not produce toxic fumes in case of fire, can effectively protect people's lives.([shandong radiata pine knotless supplier](#))



([radiata pine straight lumber factory](#))

Processing performance

Low processing difficulty, cutting, drilling, planing, nailing and other operations can be carried out smoothly, can obtain better processing accuracy and surface quality, can be easily made into a variety of complex shapes. The wood has good nail-holding power and strong permeability, which makes it very easy to be treated with anticorrosion, drying, curing and colouring.

Environmentally Friendly Characteristics

Radiata pine in the growth process is not subject to chemical pesticides, fertilisers, pollution, the use of high-quality radiata pine timber as raw materials processed from the panel of environmental protection and pollution-free, is a kind of green building materials.

Wide range of uses

Construction field: commonly used in building structural framework, roof trusses, wall keel, floor base, etc. Its good strength and stability can ensure the structural safety of the building.

Furniture manufacturing: It is suitable for making various kinds of furniture([china radiata pine finger-joined supplier](#)), such as tables, chairs, beds, cabinets, etc. It can present various styles through different surface treatment processes, which can satisfy the aesthetic demands of different consumers.

Decoration: It can be used for indoor decorative lines, door and window covers, skirting lines, etc. It can also be made into decorative panels to create a natural and warm indoor atmosphere.

Packaging industry: Due to its relatively low cost, easy processing and certain strength, it is often used to make all kinds of packaging boxes, trays and other logistics and transport packaging materials.



Grades

Industrial grade: moisture content of 8-12%, sawn rough, smooth and flat on all sides, no defects, can have small imperfections on the back side. Mainly used for applications that do not require high appearance standards, such as packaging boxes or non-critical structural components.

Furniture Grade A: Ensures a 60 per cent yield, cut lengths of 600mm or more, allowing for knots up to 38mm in size. Moisture content averages 9 per cent, with a maximum of 12 per cent permitted, and is suitable for furniture fittings and solid timber components.

Furniture grade B: Ensures a 60% yield, cut lengths of 150mm or more, allowing for knots of up to 38mm in size. Moisture content averages 9% with a maximum of 12% permitted, suitable for the manufacture of furniture fittings, solid timber and finger-joined panels.

Standard grade: Allow knots and cores, good stability and compression resistance, moisture content of 9% on average and 12% maximum, suitable for the production of boxes, pallets and invisible parts of furniture fittings.



Our certification

菏泽市产品检验检测研究院
检 验 报 告

报告编号: HZ/QS28171201016 样品编号: 20171201016 共 2 页第 1 页

产品名称	阔叶杂木	规格	2x4	型号规格	
生产厂家	山东阔叶杂木有限公司	生产地址	山东省菏泽市牡丹区	委托日期	2017-11-01
检验项目	阔叶杂木	检验依据	GB 18581-2001	检验人员	张 伟
检验结果	合格	检验日期	2017-11-01	检验地点	山东省菏泽市牡丹区
检验结论	合格	检验单位	菏泽市产品检验检测研究院	检验员	张 伟

1. 本报告在有效期内有效。2. 本报告的有效期为一年。3. 报告人: 张伟

Certification Services International, LLC
CERTIFICATE OF APPROVAL

SHANDONG MUZHYUAN INDUSTRIAL DEVELOPMENT CO., LTD.
MUDUO WOOD PROCESSING PLANT, DUTON TOWN, DONGWU COUNTY, JIANGSU CITY

SHANDONG MUZHYUAN INDUSTRIAL DEVELOPMENT CO., LTD.
MUDUO WOOD PROCESSING PLANT, DUTON TOWN, DONGWU COUNTY, JIANGSU CITY

1. The manufacturer hereby certifies that the product is produced in accordance with the requirements of the FSC Chain of Custody (CoC) Standard, FSC-STD-COC-1400 V.1.3.2. The manufacturer hereby certifies that the product is produced in accordance with the requirements of the FSC Chain of Custody (CoC) Standard, FSC-STD-COC-1400 V.1.3.2. The manufacturer hereby certifies that the product is produced in accordance with the requirements of the FSC Chain of Custody (CoC) Standard, FSC-STD-COC-1400 V.1.3.2.

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HEIZE WOOD EDGE WOOD INDUSTRY CO., LTD.
PENGZHANG VILLAGE, DATUN TOWN, DONGWU COUNTY, HEIZE CITY, SHANDONG PROVINCE, CHINA - 274000

Review: Veritas Certification (UK) Ltd. certifies that the company has implemented an FSC™ (Forest Stewardship Council) system in accordance with the requirements of the FSC Chain of Custody (CoC) Standard, FSC-STD-COC-1400 V.1.3.2.

For its products, the company:

Manufacture and trading of wood product Certified FSC 100% and FSC Mix.*

*Supplier list of products is subject to the FSC database (fsc.org)

Type of certification: Single

Original certification date: 05-02-2017

Date of certification decision: 05-02-2017

Expiration date: 04-02-2021

FSC Certificate code: FSC-COC-1400 V.1.3.2

FSC Certificate No.: 1507452

Certified site: 05-02-2017

Signature of the company: [Signature]

Signature of the certifier: [Signature]

The validity of this certificate shall be confirmed only by the FSC Chain of Custody (CoC) Standard, FSC-STD-COC-1400 V.1.3.2. The manufacturer hereby certifies that the product is produced in accordance with the requirements of the FSC Chain of Custody (CoC) Standard, FSC-STD-COC-1400 V.1.3.2. The manufacturer hereby certifies that the product is produced in accordance with the requirements of the FSC Chain of Custody (CoC) Standard, FSC-STD-COC-1400 V.1.3.2.