

DATA SHEET

JATOBA



1 Name and family

International Name	JATOBA.
Scientific Name	Hymenaeaspp.
Family	Caesalpiniaceae.
Main Commercial Names	JATOBA



2 Origin

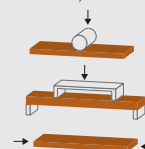


3 Description of the wood

Sapwood	White rosy.
Heartwood	Rosy brown to reddish brown.
• Colour	Straight, sometimes slightly interlaced.
• Grain direction	Fine to medium.
• Grain	Extraordinarily fine.
• Sieve	Stone inlay and growth stresses.
• Characteristic defects	

4 Technological characteristics

Wet weight	1.100 Kg/m ³
Density at 12% humidity	950 Kg/m ³ (very heavy)
Dimensional stability	
• Volumetric contraction coefficient	0,43% (Grainy wood)
• Contraction ratio	1,90% (No tendency to deform)
• Hardness (Chalais - Meudon)	8,5 (Very hard wood)
• Resistance to static bending	1.338 kg / cm ²
• Elasticity modulus	180,000 kg/cm ²
• Resistance to parallel compression	750 kg/cm ²
• Fire reaction class	Cfl-s1
• Thermal conductivity	0,23 W/(mK)
• Formaldehyde emission	E1



La marca de la gestión forestal responsable

LOPEZ PIGUEIRAS SOLID WOOD FLOORING

Lg. de Patarroa s/n, CP 27861, Covas-Viveiro (LUGO), Tel. +34 982 561 061
lopezpigueras@lopezpigueras.com www.lopezpigueras.com

5 Uses and applications

Muebles y ebanistería fina de interior y exterior, muebles torneados y curvados.
Carpintería de interior, puertas y escaleras.
Revestimientos, parqué, molduras, rodapiés, frisos.
Carpintería exterior, puertas y ventanas.
Chapas decorativas.

6 Natural durability

Fungi resistance	2-3 (Moderately Durable)
Termite resistance	M (Moderately Durable)
Dry wood borers resistance	D (Durable)
Use class ensured by natural durability	3 (Outside, not in ground contact)

7 Transformation and installation

Sawing	No problems other than its hardness and its degree of abrasiveness.
Drying	Medium to Slow. Slight risks of warping and crevices.
Processing	Costly due to its hardness, abrasiveness and for the risk of peeling in pieces with interlaced grains. Very slow mechanisation is recommended.
Gluing	Tannins make good adherence difficult.
Nailing	Due to its hardness, pre-drilling is necessary.
Finishing	Good.
Impregnability	Moderately impregnable sapwood and low impregnability hardwood.

8 Our applications

INDOOR COATED WOOD FLOORING

• Format FOR GLUING

350 / 1200 x 90 x 14 mm.

500 / 1600 x 115 or 135 x 19 mm.

• Format FOR NAILING

500 / 2400 x 115 or 135 x 19 mm.



THE VARNISHED SOLID WOOD FLOORING CONTAINS 8 LAYERS OF COATING:
- 5 layers of UV-drying acrylic and water-based primers.
- 3 ANTI-SCRATCH coats.

• INDOOR FLOORING ACCESSORIES

Skirtings, stairs, rises, stingboards, treads, finishings, edgings, etc. (Coating at the factory)

9 Quality

Our floorings are manufactured to meet current regulation standards, endorsed by the main Quality Seals so the corresponding certificates can be issued.

INDOOR WOOD FLOORING MANUFACTURING STANDARDS

- AITIM quality seal: 4-3-13. Wood floors. Wood flooring.
- UNE-EN ISO 9001:2015: Quality Management Systems.
- UNE-EN 13756:2003: Wood flooring. Terminology.
- UNE-EN 13226:2009: Solid parquet elements with grooves and / or tabs.
- UNE-EN 1910:2000: Determining the dimensional stability.
- UNE-EN 13647:2003: Determining the geometrical characteristics.
- UNE 56810:2010: Wood flooring. Installation. Specifications.
- UNE-EN 14342:2006: Wood flooring. Characteristics, evaluation of conformity and marking.

INDOOR WOOD FLOORING COATING STANDARDS

- AITIM quality seal: 4-4-01. Wood floors. Varnished floorboards.
- UNE-EN ISO 2808:2000: Coating thickness.
- UNE ENV 13696:2001: Resistance to abrasion.
- UNE ISO 4624:2002: Resistance to adherence.
- UNE 1109-6:1990: Resistance to impact.
- UNE 56817:1974: Resistance to shock.
- UNE-EN ISO 11998:2002: Resistance to scrubbing. Washability.
- UNE-EN ISO 2409:1996: Cross-cut.
- UNE-ENV 12633:2003: Slip resistance.

10 Installation



Jatoba Indoor Flooring



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