

DATA SHEET

AMERICAN BLACK WALNUT



1 Name and family

International Name	AMERICAN BLACK WALNUT
Scientific Name	Juglans nigra L.
Family	Juglandaceae.

Main Commercial Names



American Black Walnut

2 Origin

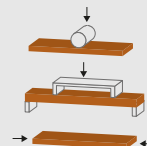


3 Description of the wood

Sapwood	Yellowish white to light brown.
Heartwood	Reddish brown to dark brown.
• Colour	Reddish brown to dark brown.
• Grain direction	Straight, although it is occasionally wavy.
• Grain	Medium.

4 Technological characteristics

Density at 12% humidity	610 Kg/m ³ (very heavy)
Dimensional stability	
• Volumetric coefficient	0,43% (Stable wood)
• Contraction ratio	1,42% (No tendency to deform)
• Hardness (Chalais - Meudon)	3,6 (Hard wood)
• Resistance to static bending	1.010 kg / cm ²
• Elasticity modulus	116.000 kg/cm ²
• Resistance to parallel compression	523 kg/cm ²
• Fire reaction class	Cfl-s1
• Thermal conductivity	0,15 W/(mK)
• Formaldehyde emission	E1



The mark of responsible forestry

LOPEZ PIGUEIRAS SOLID WOOD FLOORING

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

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5 Uses and applications

Fine indoor furniture. Carving, lathing and curved furniture.
Woodwork on openings and claddings, indoor: Doors, wood flooring, wainscots, mouldings, stairs.
Decorative plates.

6 Natural durability

Fungi	Durable - Moderately durable
Termites	Durable - Moderately durable
Dry wood insects	Durable - Moderately durable
Biological durability	Class 3

7 Transformation and installation

Sawing	No problems.
Drying	Slow; risk of collapse and cementing.
Processing	No problems.
Gluing	Easy.
Nailing	Easy.
Finishing	Easy.
Impregnability	Impregnable sapwood and low impregnability or non-impregnable heartwood.

8 Our applications

INDOOR COATED WOOD FLOORING

- **Format FOR GLUING or NAILING**
400 / 1600 x 90,100 or 110 x 19 mm.
400 / 1600 x 120 to 140 x 19 mm.

- **Format FOR NAILING**
500 / 2400 x 90,100 or 110 x 19 mm.
500 / 2400 x 120 to 140 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, stringboards, 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.



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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



Nogal Indoor Flooring



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