

DATA SHEET

MAPLE

1 Name and family

International Name	Maple
Scientific Name	Acer saccharum (Marsh.)
Spanish Name	Maple duro. Arce duro americano
Main Commercial Names	<i>Maple</i>



2 Origin

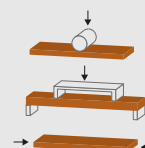


3 Description of the wood

Sapwood	Very pale reddish white. Impregnable.
Heartwood	
• Colour	Pale red.
• Grain direction	Straight, sometimes wavy.
• Grain	Fine to very fine.
• Impregnability	Low impregnability.

4 Technological characteristics

Apparent density at 12% humidity	700 Kg/m ³ (semi-light to heavy wood)
Dimensional stability	
• Volumetric contraction coefficient	0,49% (grainy wood)
• Contraction ratio	2,06% (tendency to deform)
• Hardness (Chaláis - Meudon)	4,5 (semi-hard wood)
• Resistance to static bending	1.090 kg / cm ²
• Elasticity modulus	126.000 kg/cm ²
• Resistance to parallel compression	540 kg/cm ²



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5 Uses and applications

Indoor furniture and fine woodworking. Carving, lathing and curved furniture.
Woodwork on openings and claddings, indoor: doors, flooring, parquet, wainscots and mouldings.
Decorative plates.

6 Transformation and installation

Sawing	Requires power.
Drying	Easy and moderately slow. Risk of collapse, cementing and warping.
Planing and other operations	Besides the power problem, peeling occurs.
Gluing	Easy.
Nailing and screwing	It requires pre-drilling to facilitate its penetration and prevent breakage.
Finishing	Easy.

7 Our applications

WOOD FLOORING IN INDOOR ENVIRONMENTS

Format FOR GLUING OR NAILING
400 / 1600 x 90, 100 or 115 x 19 mm.

• Format FOR NAILING
500 / 2400 x 90, 100 o 115 x 19 or 21 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, nosings, edgings, etc. (coating at the factory)

8 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.



The mark of responsible forestry

LÓPEZ PIGUEIRAS SOLID WOOD FLOORING

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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.

9 Installation



Indoor Maple Wood Flooring



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