

DATA SHEET

WENGUE

1 Name and family

International Name	Wenge
Scientific Name	Millettia laurentii (De Wild.); M. stuhlmannii (Taub.)
Spanish Name	Wengué
Main Commercial Names	<i>Wengue</i>



2 Origin

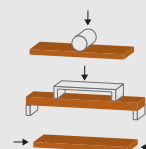


3 Description of the wood

Sapwood	Yellowish white. Moderately impregnable.
Heartwood	Dark brown to chocolate brown.
• Colour	Dark brown to chocolate brown.
• Grain direction	Straight.
• Grain	Medium to coarse.
• Impregnability	Non-impregnable.

4 Technological characteristics

Apparent density at 12% humidity	850 Kg/m ³ (semi-heavy wood)
Dimensional stability	
• Volumetric contraction coefficient	0,54% (very grainy wood)
• Contraction ratio	1,6% (no tendency to deform)
• Hardness (Chalais-Meudon)	8,1 (very hard wood)
• Resistance to static bending	1.800 kg / cm ²
• Elasticity modulus	180.000 kg/cm ²
• Resistance to parallel compression	800 kg/cm ²



5 Uses and applications

Indoor and outdoor furniture and fine woodworking. Lathed and curved furniture.
Indoor woodworking: doors, stairs, cladding, mouldings, skirtings, wainscots and parquet.
Outdoor woodworking: doors and windows.
Decorative plates.

6 Transformation and installation

Sawing	No problems other than its hardness and its degree of abrasiveness.
Drying	Slow. Low risk of deformations and high risk of crevices.
Planing	Difficult due to its hardness. Abrasiveness.
Gluing	Tannins make good adherence difficult.
Nailing and screwing	Due to its hardness, pre-drilling is recommended.
Finishing	No remarkable problems.

7 Our applications

WOOD FLOORING IN INDOOR ENVIRONMENTS

• **Format FOR GLUING OR NAILING**
400 / 1600 x 115 x 19 mm.

• **Format FOR NAILING**
500 / 2400 x 115 x 19 ó 21 mm.

• **Format FOR GLUING**
400 / 1200 x 90 x 14 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. (coated 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

LOPEZ PIGUEIRAS SOLID WOOD FLOORING

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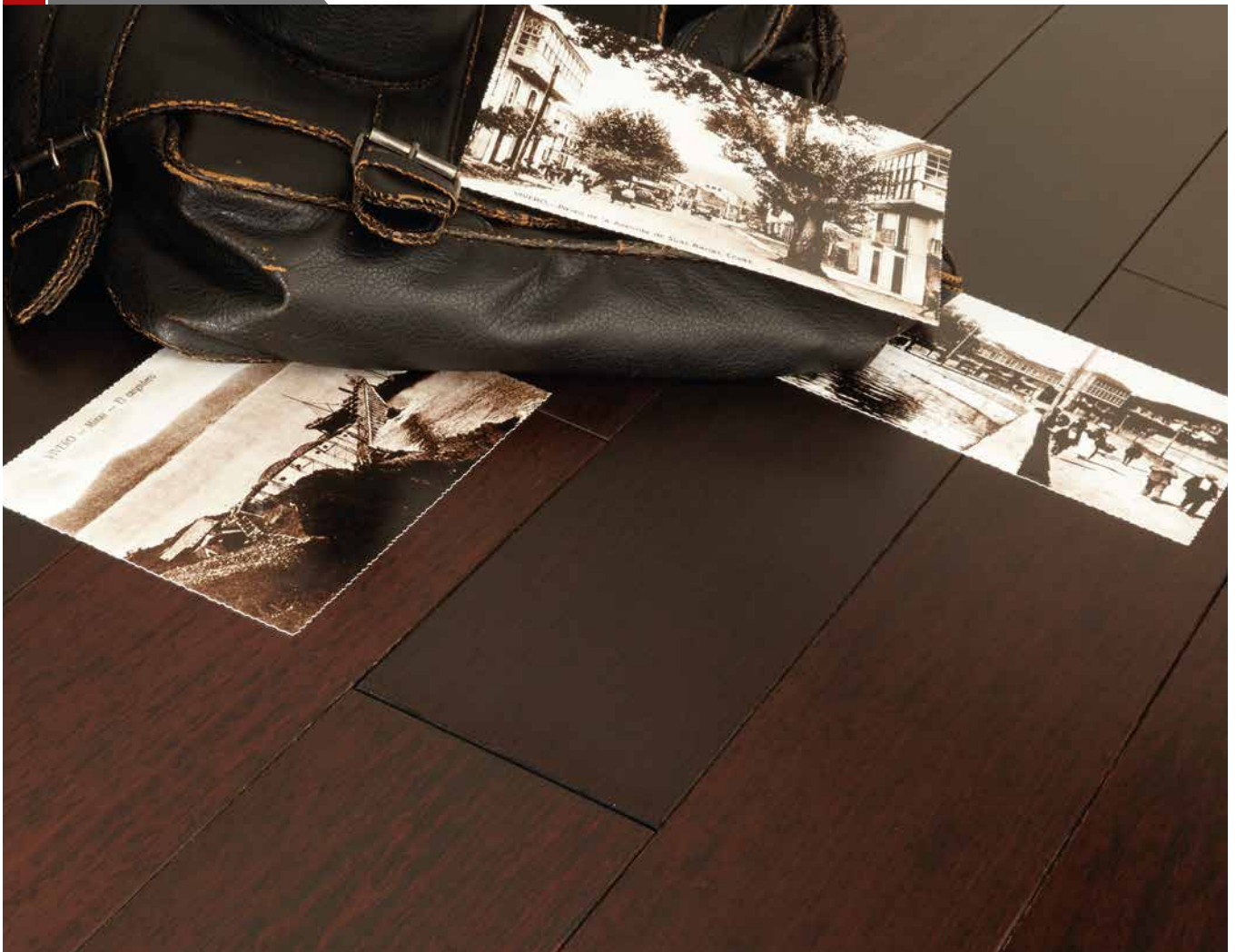
WENGUE



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 Wenge Wood Flooring



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