

# DATA SHEET

## BUBINGA

### 1 Name and family

International Name	Bubinga
Scientific Name	Guibourtia spp.
Family	Caesalpiniaceae.

#### Main Commercial Names



*Bubinga*

### 2 Origin

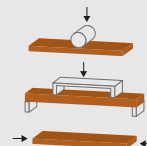


### 3 Description of the wood

Sapwood	Reddish white.
Heartwood	Reddish brown to brown.
<ul style="list-style-type: none"> <li>• Colour</li> <li>• Grain direction</li> <li>• Grain</li> </ul>	Straight or slightly interlaced. Fine.

### 4 Technological characteristics

Wet weight	1.050 Kg/m <sup>3</sup>
Density at 12% humidity	910 Kg/m <sup>3</sup> (semi heavy)
Dimensional stability	
<ul style="list-style-type: none"> <li>• Volumetric contraction coefficient</li> <li>• Contraction ratio</li> <li>• Hardness (Chalais - Meudon)</li> <li>• Resistance to static bending</li> <li>• Elasticity modulus</li> <li>• Resistance to parallel compression</li> <li>• Fire reaction class</li> <li>• Thermal conductivity</li> <li>• Formaldehyde emission</li> </ul>	0,47% (Grainy wood) 1,62% (No tendency to deform) 8,4 (Very hard wood) 1.560 kg / cm <sup>2</sup> 171.000 kg/cm <sup>2</sup> 720 kg/cm <sup>2</sup> Cfl-s1 0,22 W/(mK) E1



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### 5 Uses and applications

- Indoor and outdoor furniture and fine woodwork, lathed and curved furniture.
- Indoor woodwork, doors and windows. Cladding, parquet, mouldings, skirtings, wainscots.
  - Decorative plates.

### 6 Natural durability

Fungi	Durable.
Termites	Durable.
Dry wood insects	Durable.
Biological durability	Class 2

### 7 Transformation and installation

Sawing	It requires a lot of power, but there 're no problems aside from its hardness'.
Drying	Slow, with a high risk of crevices.
Processing	Costly due to its hardness, but there is risk of peeling in pieces with interlaced grain only.
Gluing	No problems.
Nailing	Due to its hardness, pre-drilling is necessary.
Finishing	Good.
Impregnability	Impregnable sapwood and non-impregnable heartwood.

### 8 Our applications

#### INDOOR COATED WOOD FLOORING

- **Format FOR GLUING or NAILING**  
400 / 1600 x 115 x 19 mm.

- **Format FOR NAILING**  
500 / 2400 x 115 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.



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](http://www.lopezpigueiras.com)

#### 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



*Bubinga Indoor Flooring*



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