

# DATA SHEET

## SUCUPIRA



### 1 Name and family

International Name	SUCUPIRA.
Scientific Name	Diploptropis purpurea Amsh.
Family	Fabaceae.

#### Main Commercial Names



*Brazil: Sucupira, Sucupira, Cutiuba, Macanaiba*  
*Colombia: Arenillo, Zapan Negro.*  
*Guyana: Tatabu.*  
*French Guyana: Coheur Dehors.*  
*Peru: Chontaquiro, Huasai-Caspi.*  
*Suriname: Zwarte Kebbes*  
*Venezuela: Congrio, Alcornoque*

### 2 Origin

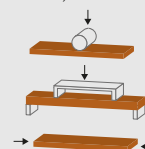


### 3 Description of the wood

Sapwood	Greyish white, yellowish white.
Heartwood	Dark brown to reddish brown.
• Colour	Dark brown to reddish brown.
• Grain direction	Straight, frequently interlaced.
• Grain	Medium.
• Sieve	Very fine.

### 4 Technological characteristics

Wet weight	1.200 Kg/m <sup>3</sup>
Density at 12% humidity	910 Kg/m <sup>3</sup> (very heavy)
Dimensional stability	
• Volumetric coefficient	0,44% ((Stable wood)
• Contraction ratio	1,5% (No tendency to deform)
• Hardness (Chalais - Meudon)	8,3 (Very hard wood)
• Resistance to static bending	1.400 kg / cm <sup>2</sup>
• Elasticity modulus	180.000 kg/cm <sup>2</sup>
• Resistance to parallel compression	850 kg/cm <sup>2</sup>
• Fire reaction class	Cfl-s1
• Thermal conductivity	0,22 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](http://www.lopezpigueiras.com)

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### 5 Uses and applications

Indoor and outdoor furniture and fine woodworking.  
Indoor woodwork, doors, stairs, cladding, mouldings, skirtings, wainscots, parquet.  
Decorative plates.

### 6 Natural durability

Fungi	Good
Termites	Very good
Dry wood insects	Good
Biological durability	Class 2

### 7 Transformation and installation

Sawing	A powerful saw is required.
Drying	To be carried out slowly. Small risks of warping and crevices.
Processing	Difficulties due to the hardness or end grain. Very slow mechanisation is recommended.
Gluing	Delicate.
Nailing	Previous perforations are required.
Finishing	Good after a pore-sealing treatment.
Impregnability	Bad.

### 8 Our applications

#### INDOOR COATED WOOD FLOORING

##### • Format FOR GLUING

300 / 1200 x 90 x 14 mm.  
500 / 1600 x 115 or 135 x 19 mm.

##### • Format FOR NAILING

500 / 2400 x 115 ó 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.

### 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.



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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.

## 10 Installation



*Sucupira Indoor Flooring*

*Sucupira Indoor Flooring*



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