

DATA SHEET

IROKO

1 Name and family

International Name	IROKO.
Scientific Name	Chlorophora excelsa Benth & Hook f.
Family	Moraceae.
Main Commercial Names	TEKA AFRICANA MORERA KAMBALA



2 Origin

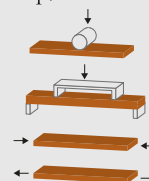


3 Description of the wood

Sapwood	Yellowish white.
Heartwood	
• Colour	Yellowish brown that changes to reddish brown if exposed to light.
• Grain direction	Straight, often slightly interlaced.
• Grain	Medium to rough..

4 Technological characteristics

Wet weight	1.050 Kg/m ³
Density at 12% humidity	650 Kg/m ³ (very heavy)
Dimensional stability	
• Volumetric coefficient	0,44% (Moderately grainy)
• Contraction ratio	1,57% (No tendency to warp)
• Hardness (Chalais - Meudon)	3,9 (Semi-hard wood)
• Resistance to static bending	955 kg / cm ²
• Elasticity modulus	105.000 kg/cm ²
• Resistance to parallel compression	540 kg/cm ²
• Resistance to parallel traction	800 kg/cm ³
• Fire reaction class	Cfl-s1
• Thermal conductivity	0,16 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
lopezpigueras@lopezpigueras.com www.lopezpigueras.com

DATA SHEET

IROKO



5 Uses and applications

Outdoor furniture in urban gardens and parks. Outdoor woodwork, doors and windows.
Indoor woodwork, doors and windows. Cladding, mouldings, skirtings, wainscots.
Decorative plates.

6 Natural durability

Fungi resistance	1 -2 (Durable)
Termite resistance	D (Durable)
Dry wood borers resistance	D (Durable)
Use class ensured by natural durability	3 (Outside, not in ground contact)

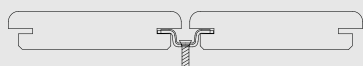
7 Transformation and installation

Sawing	No difficulties aside from abrasiveness of calcareous deposits that 's contains.
Drying	Medium to slow; small risks of deformations and cracks.
Processing	Relatively good, except for its abrasiveness and the risk of peeling when it has interlaced grain.
Gluing	Problems with casein glues.
Nailing	No problems.
Finishing	Good.
Impregnability	Non-impregnable.

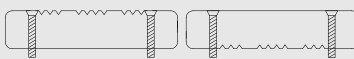
8 Our applications

OUTDOOR WOOD FLOORING

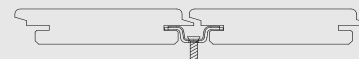
- **Visible Fasteners Format (HH)**
800 / 3000 x 95 or 125 x 21 mm.



- **Screwed Format (EX) and (S4S E4E)**
800 / 3000 x 95 or 125 or 145 x 21 mm.



- **Hidden Fastening Format**
800 / 3000 x 95 or 120 x 21 mm.



*The outdoor wood flooring is treated with two coats of Sikkens Cetol WF 771 Saturator and a system of high penetration with "thermal jet air" drying.
For this reason, it holds the SIKKENS certification (12 months) against photodegradation.*

INDOOR WOOD FLOORING

- **Format FOR GLUING**
350 / 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.

- **Format FOR GLUING OR NAILING**
400 / 1600 x 115 or 135 x 19 mm.

- **Format FOR NAILING**
500 / 2400 x 115 or 135 x 19 mm.



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

9 Quality

Our floorings are manufactured to meet current regulation standards, endorsed by the main Quality Seals so the corresponding certificates can be issued.

OUTDOOR WOOD FLOORING MANUFACTURING STANDARDS

- UNE-EN ISO 9001: 2015: Quality Management Systems.
- UNE 56823:2008: Outdoor wood flooring. Installation. Specifications.

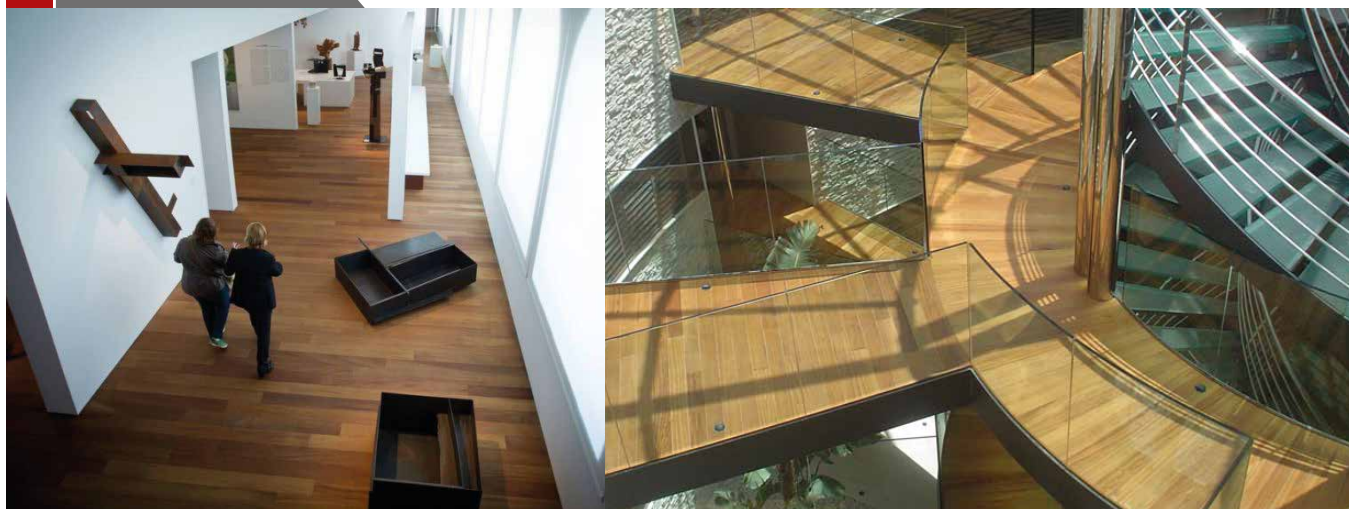
INDOOR WOOD FLOORING MANUFACTURING STANDARDS

- 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



Iroko Indoor Flooring

Iroko Indoor Flooring



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