

DATA SHEET

ELONDO

1 Name and family

International Name	ELONDO.
Scientific Name	Erythrophle umivorens
Family	Bignoniaceae.

Main Commercial Names

Elondo
Tali
Bolondo



2 Origin

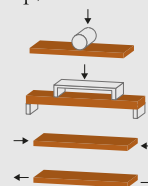


3 Description of the wood

Sapwood	Yellowish white to rosy.
Heartwood	Yellowish brown to reddish brown.
<ul style="list-style-type: none"> • Colour • Grain direction • Grain 	Straight, often interlaced or very interlaced. Coarse.

4 Technological characteristics

Wet weight	1.150 Kg/m ³
Density at 12% humidity	920 Kg/m ³ (very heavy)
Dimensional stability	0,52% (Grainy to very grainy wood)
<ul style="list-style-type: none"> • Volumetric coefficient • Contraction ratio • Hardness (Chalais - Meudon) • Resistance to static bending • Elasticity modulus • Resistance to parallel compression • Resistance to parallel traction • Fire reaction class • Thermal conductivity • Formaldehyde emission 	1,7% (No tendency to warp) 8,5 (Very hard wood) 1.700 kg / cm ² 140.000 kg/cm ² 750 kg/cm ² 1.700 kg / cm ³ Cfl-s1 0,25 W/(mK) E1



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5 Uses and applications

Outdoor furniture. Outdoor woodwork, doors and windows.
Indoor and outdoor joinery
Indoor woodwork, doors, stairs, cladding, mouldings, skirtings, wainscots, parquet.

6 Natural durability

Fungi resistance	1 (Very Durable)
Termite resistance	D (Durable)
Dry wood borers resistance	D (Durable)
Use class ensured by natural durability	4 (Outside, ground and fresh water contact)

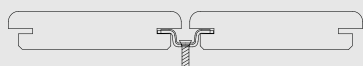
7 Transformation and installation

Sawing	No problems aside from its hardness.
Drying	To be carried out slowly; high risk of deformations and not of crevices.
Processing	Difficult due to its hardness and the high risk of peeling and splinting. Slow mechanisation is recommended.
Gluing	Tannins make good adherence difficult.
Nailing	Previous perforations are required.
Finishing	Good.
Impregnability	Low impregnability.

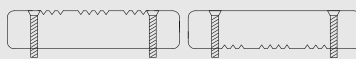
8 Our applications

OUTDOOR WOOD FLOORING

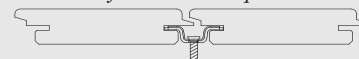
- **Visible Fasteners Format (HH)**
800 / 3000 x 95 or 125 x 21 mm.



- **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.
** Only available in Spain*



*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 OR NAILING**
400 / 1600 x 115 or 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.

- **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



Elondo Indoor Flooring



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