

DATA SHEET

EUCALIPTUS



1	Name and family
International Name	EUCALIPTUS.
Scientific Name	Eucaliptus globulus
Family	Mirtáceas.
Main Commercial Names	<i>Eucaliptus</i>
	

2	Origin
	

3	Description of the wood
Sapwood	cream color with little difference to dark heartwood cream, tinged with gray.
Fiber Direction	Straight.
Grain	Straight to interlocked target for nodosities.

4	Technological characteristics
Density (12%)	Heavy wood, 800-850-900 kg/m ³
Hardness	Hard timber. Monnin hardness of 6,5 and Brinnell hardness. HB = 50 N/mm ² .
Hygroscopicity	Nervous wood. Between 5% and 25% moisture content, it is recommended to use a unitary swelling and/or shrinkage coefficient of 0,3% in radial and 0,5% tangential direction.
Dinaminc bending	High resilience coefficient (k = 1,2 as per UNE 56.540:1978).
Strength properties	The standard UNE 56.546:2007 sets a unique quality grade, denominated MEF, for which toa strength class D-40 is assigned.
Durability	Durability class 2 as per the standard AS 5604: 2005.
Fire resistance	Nominal calculated charring rate Bn = 0,55 - 0,47 mm/min.



The mark of responsible forestry

LOPEZ PIGUEIRAS SOLID WOOD FLOORING

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5 Uses and applications

Originally it was used in applications where resistance and durability were required, such as in naval and civil construction, flooring, telegraph posts, docks, bridges, carts and carriages, tool handles, railway sleepers, etc.

Now it is used in new carpentry and furniture uses too.

6 Natural durability

Durability in ground contact Class 3 (5 to 15 years).

Durability outside above ground Class 2 (15 to 40 years)

7 Structural Classification

Percentile value of bending strength 47 N/mm²

Mean value of modulus of elasticity parallel to the grain 18.400 N/mm²

Percentile value of modulus of elasticity parallel to the grain 13.500 N/mm²

Mean value of density 797 kg/m³

Percentile value of density 672 kg/m³

8 Our applications

INDOOR COATED WOOD FLOORING

- **Format FOR NAILING**
500 / 2400 x 75 x 17 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.

UNE-EN ISO 9001:2015: Quality management system.

Quality certificate AITIM: 4-4-01. Hardwood solid floor. Varnished floor.

UNE-EN 13756:2003: Wooden floors. Terminology.

UNE-EN 13226:2003: Wooden floors. Elements of solid parquet with slots and/or grooves.

UNE-EN 1910:2000: Determination of dimensional stability.

UNE-EN 13647:2003: Determination of geometrical characteristics.

UNE 56810:2004: Wooden floors. Installation. Specifications.

UNE-EN ISO 2808:2007: Determination of particle thickness.

UNE-ENV 13696:2001: Determination of elasticity and resistance to abrasion.

UNE-EN ISO 4624:2003: Test for adherence by traction.

UNE 1109-6:1990: Impact resistance.

UNE UNE 56817:1974: Impact resistance test.

UNE-EN ISO 11998:2007: resistance to dry rubbing and suitability for washing of surface covering.

UNE-EN ISO 2409:2007: Paints and varnishes. Grid cutting test.

UNE-ENV 12633:2003: Resistance to sliding/slipping for polished and unpolished paving materials.



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UNE-EN 13501-1:2007: Classification according to behavior with fire for construction products and elements used in building work. Part 1: Classification based on data obtained in fire reaction tests.

UNE-EN 14342:2006: Wooden floors. Characteristics, evaluation of compliance and marking CE.

10 Installation



Eucaliptus Indoor Flooring "White Stain"



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