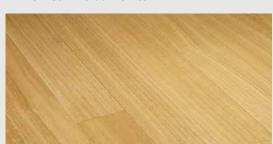
EUCALIPTUS



1 Name and family

International NameEUCALIPTUS.Scientific NameEucaliptus globulusFamilyMirtáceas.

Main Commercial Names



Eucaliptus

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

Technological characteristics		
	Density (12%)	Heavy wood, 800-850-900 kg/m ³
	Hardness	Hard timber. Monnin hardness of 6,5 and Brinnell hardness.
		$HB = 50 \text{ N/mm}^2$.
	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.









EUCALIPTUS



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 carpentary 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/mm ²
Mean value of modulus of elasticity parallel to the grain	18.400 N/mm ²
Percentile value of modulus of elasticity parallel to the grain	13.500 N/mm ²
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:

- $\hbox{\it -5 layers of } \textit{UV-drying acrylic and water-based primers.}$
- 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.



Eucaliptus Indoor Flooring "White Stain"







