

Wood flooring in Sweet Chestnut Wood for external uses (decking)

Technical Data

DESCRIPTION

Composition

Solid wood boards that are set by different systems (screws, clamps, metal or plastic plates), supported on battens (in direct contact with the support, resting on plinths, floats, etc.) for covering exterior floors. Each piece is composed of various boards with or without finger joints, until the required length is achieved.

The requirements for this product are defined in the standards:

- UNE 56823: Wood flooring for external uses. Installation. Requirements.

Moisture content: $12 \pm 2\%$

QUALITY (free class)

Face

Sound knots (adherents):

- Maximum individual diameter: 20mm
- Total sum of the diameters: maximum of 30mm per lineal meter. Small splits on the knots due to kiln drying or other small cracks are accepted as long as their width is smaller than 1mm.

Rotten or black knots (black but non passant)

- Individual maximum diameter: 8mm
- Total sum of the diameters: maximum of 10mm per lineal meter

Other characteristics:

- Sound pith is accepted without limit
- Yellow discolorations no longer than 5cm and maximum a 5% of the plank surface of the set of boards.

Back-face

- Other defects are accepted as long as they do not affect the strength of the flooring
- Sapwood shall not exceed the 10% of the plank width

DIMENSIONS

Thickness: 20 mm

Widths: 70 y 90mm

Lengths: custom made

Dimensions and tolerances

Thickness: $\pm 0,5\text{mm}$ with respect to the nominal

Width: $\pm 01\text{mm}$ with respect to the nominal

Length: $\pm 2\text{mm}$

Deformations (warp)

Other deformations are accepted as long as the boards are assembled correctly in their full length.

FINISHES: slots optional

PLACEMENT: The distance between the battens must not exceed 400mm, except in the borders of the areas where the distance between the batten and the ends must not exceed 100mm.

OTHER PROPERTIES

Wood type: Sweet chestnut (*Castanea sativa Mill.*)

Reaction to fire: D-s2, d0

Minimum average density: 600 kg/m³

Class of formaldehyde emission (UNE EN 13986): E1

Pentachlorophenol emission: -

Thermal conductivity: 0,15 W/mk

Durability against biological attack: Class 2 (Standard UNE EN 350-2)

Service class: 3-4 (EN 460)



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