

Bamboo Elegance technical datasheet

physical properties

botanical name	Phyllostachys eterocicla
average mass density	1,200 kg/m ³
dimensional stability - <i>average cumulative value</i> (24 hours of immersion in water at 20°C)	1.13%
average Brinell hardness (EN 1534)	87 N/mm ²

mechanical properties

average bending strength	50.30 MPa
average modulus of elasticity	13,565 MPa

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natural durability

biological durability (EN350/CEN/TS 15083)

very durable - class 1

Blue Stain fungi resistance (EN152)

class 0

use class (EN335)

outside in contact with the ground and/or fresh water - class 4

properties by conditions of use

grade R slipperiness (DIN 51130)

wet

R10

dry

R11

fire reaction (UNI EN ISO 9239, UNI EN ISO 11925-2, UNI EN 13501-1)

Bfl-s1

flame propagation index (ASTM E84)

class A



Data Source: manufacturer

Bamboo Elegance is not included in the category of products regulated by UNI 11538-1 as it is a product of non-woody origin.

Tolerance: the dimensions of the boards are nominal, with variations up to a maximum of 5% in case of milling.