



**EMBELTON**  
FLOORING

**DECKING**

**Embelton Bamboo Decking**  
The Ecological and Durable Alternative

## Bamboo Decking

[www.embelton.com](http://www.embelton.com)



### Embelton Bamboo Decking

#### The Ecological and Durable Alternative

Embelton Bamboo Decking is a solid high density bamboo board, made from compressed bamboo strips. A special patented heat treatment process places Embelton Bamboo Decking in Class 1 for durability, in accordance with EN350, making it exceptionally suitable for outdoor decking. The special symmetrical shape of the sides offers possibility to choose between either the ribbed or the flat surface, and allows for quick installation with Cobra fasteners.

Embelton Bamboo Decking can be installed raw and be allowed to age naturally, giving a grey weathered look, or alternatively can be coated with Cabots Ultradeck or Polycure Decking Oil, to create a rich brown finish in varying shades.

#### Advantages of Embelton Bamboo Decking

- Bamboo is harder, denser and more durable than most timbers making it exceptionally suitable for outdoor decking
- 10 year warranty, for extra peace of mind
- Bamboo grows much faster than timber, making it a more sustainable choice.
- Flexible installation options due to head side tongue and groove system. Joins together using simple Cobra fasteners.

#### Installation Summary

- Install a suitable, stable and durable sub-frame
- Determine which side of the board will be used: the ribbed side or the flat side
- Fix the boards on the sub-frame using fasteners (to be inserted in the grooves of the board) or alternatively with screws (through the surface)
- Use a 1-2% slope and allow for good ventilation
- After installation, make sure proper cleaning and maintenance is carried out that is suitable for the chosen finish
- When not applying a coating system, the decking will turn a natural grey colour, and the typical bamboo wood structure will become less visible
- Embelton Bamboo Decking comes unfinished. Coatings are sold separately. Final treatment after installation with a water or oil based saturator is necessary.

#### Technical Characteristics

- Durability: Class 1 in accordance with EN350. Tested following ENV807 and EN113
- Use risk class: Class 4 in accordance with EN335. Tested following ENV807, EN113 and EN152
- Surface fungi resistance: Class 0 in accordance with EN152
- Dimensional stability: 24 hours submerging in water 20°C: length: +0.1%/width: 0.9%
- Density approximately 1200kg/m<sup>3</sup>
- Hardness (EN1534): 9.5kg/mm<sup>2</sup> (Brinell)
- Elasticity Modulus (EN408): 10737 N/mm<sup>2</sup>
- Breaking Strength (EN408): 50.30 N/mm<sup>2</sup>
- Fire Safety Class: EN13501-1:Bfl-s1

#### Technical Specifications

- 1850 x 137 x 20mm
- 1 pallet = 48.66m<sup>2</sup> or 148.66LM
- Head side Tongue And Groove, with macro bevel to avoid sharp edges