

Technical Data Sheet

SKU: ES12/18-MSL/100-5TG/6FT-PSS

Product Description

Single groove on edge 1x6 Fused Bamboo for use as starter plank for decking or as fencing plank, 6'ft tongue & groove end matched plank.

Plank are routed from Fused Bamboo Panels. Fused Bamboo is a material consist of 87% natural bamboo fiber and 13% phenolic resin produce through dasso patented technology.

Product Technical Specification and Tolerance

Properties	Standard
Dimension and Tolerance	dimension : 1850mm x100/ 137mm x 12/18mm length tolerance: ± 1 mm width tolerance: ± 0.2 mm thickness tolerance: ± 0.2 mm T&G tolerance: 0 - 0.15mm
Density/Specific Gravity	1.1 -1.3g/cm ³
Moisture content	8-12%
Hardness	79.2N/mm ² (DIN EN 1534)
Reaction to Fire	Bf1-s1 (DIN EN 13501-1:2010)
Static Bending Strength	73.8N/mm ² (DIN EN 408)
Modulus of Elasticity	16700N/mm ² (DIN EN 408)
Termite Resistance Level	抗白蚁级 DC M (EN117)
Biological Durability	class 1 (EN 350:2016)
Release of Formaldehyde	E1(0.1mg/m ² h) (GB/T17657-2013)
Length of Swelling Rate	0% (DIN EN 15534-1)
Width of Swelling Rate	0.6% (DIN EN 15534-1)



Appearance	Both Smooth and Reeded surfaces could be use as top surface The main surface texture is straight grain, smooth texture, when not finished for yellow and white, after oil transfer into a rich deep yellow Natural grain and color may vary as this is a natural fiber product
Cupping	≤ 0.3 mm
Warping	≤ 6mm and quantity is less than 10%.
Banana Shape	≤ 1mm/m along the length of the panels
Bamboo Nodes	Nodus are separated its width ≤ 10 mm.
Height Difference	≤ 0.5mm
Tool Marks	Minor
T&G	Waxed, dimension as shown in technical drawing
Finishes	Woca fully cured, uniform with no excess
Thickness Swelling Rate of Water Absorption Test	≤ 3%, no obvious cracking in cross cut end in 100°C hot water for 1 hour
Packaging and label	According to packaging layout drawing, check the label

Storage

- The warehouse should be well ventilated, with relative humidity from 45 to 75% at temperatures ranging from 50°F (+10°C) to 104°F (+40°C).
- Do not store product in pest infested and/or unsuitable warehouse.
- Leave the products in its original package when not in use, cover the bundles from top and bottom to avoid the influence of climatic events and other environmental hazards.
- Store the product horizontally on the ground with pallet shoe on every pallet. The bottom pallet should be placed on an even footing on spacer-pads or palettes. The maximum height of stacked bundles should not exceed 4.5 m.
- The difference between the spacers should not be more than 600mm, with distance of starting and ending spacer from the edge of the bundle not exceeding 200mm (the number of spacers should not be less than 3).

