

## Technical Data Sheet

**SKU: XS012-100-5TG/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

<b>Properties</b>	<b>Standard</b>
<b>Dimension and Tolerance</b>	dimension: 1850mm x 100mm x 12mm length tolerance: $\pm 1$ mm width tolerance: $\pm 0.2$ mm thickness tolerance: $\pm 0.2$ mm T&G tolerance: 0 - 0.15mm
<b>Density/Specific Gravity</b>	1.15 g/cm <sup>3</sup>
<b>Moisture content</b>	10-14%
<b>Hardness</b>	106.8N/mm <sup>2</sup> (DIN EN 1534)
<b>Reaction to Fire</b>	Bf1-s1 (DIN EN 13501-1:2010)
<b>Static Bending Strength</b>	74.4N/mm <sup>2</sup> (DIN EN 408)
<b>Modulus of Elasticity</b>	19100N/mm <sup>2</sup> (DIN EN 408)
<b>Termite Resistance Level</b>	抗白蚁级 DC M (EN117)
<b>Biological Durability</b>	class 1 (EN 350:2016)
<b>Release of Formaldehyde</b>	E1(0.1mg/m <sup>2</sup> h) (GB/T17657-2013)
<b>Thickness of Swelling Rate</b>	5.1% (DIN EN 15534-1)
<b>Width of Swelling Rate</b>	0.6% (DIN EN 15534-1)



<b>Appearance</b>	Both Smooth and Reeded surfaces could be use as top surface Main surface grain are straights, and texture smooth sand to P180 Color greyish brown when unfinished and turn to rich dark brown after primed with penetrating oiled Natural grain and color may vary as this is a natural fiber product
<b>Cupping</b>	≤ 0.3 mm
<b>Warping</b>	≤ 6mm and quantity is less than 10%.
<b>Banana Shape</b>	≤ 1mm/m along the length of the panels
<b>Bamboo Nodes</b>	Nodus are separated its width ≤ 10 mm.
<b>Height Difference</b>	≤ 0.5mm
<b>Tool Marks</b>	Minor
<b>T&amp;G</b>	Waxed, dimension as shown in technical drawing
<b>Finishes</b>	Woca fully cured, uniform with no excess
<b>Thickness Swelling Rate of Water Absorption Test</b>	≤ 3%, no obvious cracking in cross cut end in 100°C hot water for 1 hour
<b>Packaging and label</b>	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).

