

Technical Data Sheet (Soffit)



Product code	Size
XSO12-100-5TG-PSS	L1850*W100*T12
XSO12-100-5TG-PSS-L0	L1829*W100*T12

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

Specifications Properties	Length/mm	Width/mm	Thickness/mm	T&G depth/mm
Tolerance	±0.5	±0.15	±0.15	±0.1

Physical Properties	Standard
Density/Specific Gravity	1.15 g/cm ³
Moisture content	10%-14%
Hardness	106.8N/mm ² (DIN EN 1534)
Static Bending Strength	Mean value:74.4N/mm ² (DIN EN 408)
Modulus of Elasticity	Mean value:19100N/mm ² (DIN EN 408)
Thickness of Swelling Rate	4.6% (DIN EN 15534-1)

Width of Swelling Rate	0.6% (DIN EN 15534-1)
Water absorption rate	4.2% (DIN EN 15534-1)
Warping	≤ 6mm and quantity is less than 10%.
Banana Shape	≤ 1mm/m along the length of the panels
Bamboo Nodes	Nodes are separated its width ≤ 10 mm.
Height Difference	≤ 0.5mm
Packaging and label	According to packaging layout drawing, check the label

Biological and Chemical Properties	Standard
Termite Resistance Level	DC M (EN117)
Biological Durability	DC 1 (EN 350:2016)
Release of Formaldehyde	E1(<0.1mg/L) (GB/T17657-2013)

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).