

## Technical Data Sheet

### SKU: XTR-DK20-G2-PP and XTR-DK20-G1-PP Classic

#### 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.

#### Packaging and Loading Information

- Weight factor = 2.20lb/lf (3.28kg/m)
- Every piece is 6'lf (1.829m) long, which weight 13.20lb (5.99kg)
- Every bundle contains 3 pieces, which is 18'lf (5,487mm) long, which weight 39.60lb (17.96kg), and has a dimension of H2-3/8" x W5-3/8" x L72" (H60mm x W137mm x L1829mm)
- Every pallet contains 64 bundles (8 bundle wide and 8 bundle high), which weight 2,535lb (1,150kg). And the pallet shoes weight about 55lb (25kg), making total weight 2,589.40lb (1,175kg)
- Pallet dimension is H19" x W44" x L73" (H480mm x W1096mm x L1840mm), excluding pallet shoe, and when include pallet shoes is H23" x W44" x L73" (H580mm x W1096mm x L1840mm)
- A 20 FCL container could load about 15 to 18 pallets depending on the various states on road loading limits.

#### 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 600m, 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).



## Product Technical Specification and Tolerance Standard

### Properties

#### Dimension and Tolerance

dimension: 1829mm x 137mm x 20mm  
length tolerance: ±1mm  
width tolerance: ±0.2mm  
thickness tolerance: ±0.2mm  
T&G tolerance: 0 - 0.15mm

#### Density/Specific Gravity

1100kg/m<sup>3</sup> or 1.1 gcm<sup>3</sup>

#### Moisture content

10-14%

#### Strength (psi)

20,100

#### Stiffness (1000psi)

2,103

#### Janka Hardness (lbs)

3,820

#### Insect & Decay Resistance

High

#### Thickness Swelling Rate of Water Absorption Test Appearance

≤ 3%, there is no obvious cracking in cross cut end in 100°C hot water for 1 hour  
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

#### 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

