

Technical Data Sheet

SKU: XTR-PAN40H Classic

Product Description

2'x6' Half Panels are to be considered like unfinished lumber; it is S2S+RE2 (*sides need to be planed*). The material is not pre-primed so the user can finish it as they choose. The possibilities are unlimited. From custom furniture to decorative fencing, build one-of-a-kind creations that will last and look spectacular.

Lumbers 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 = 9.05lb/sq.ft (44.10kg/m²)
- Every piece is 25.03Sq.ft (2.33m²), which weight 226.52lb (102.75kg)
- Every bundle contains 1 pieces, which is 6.1'lf (1,860mm) long, and has a dimension of H1-1/2" + x W24-1/2" x L73-1/4" (H40mm x W625mm x L1860mm)
- Every pallet contains 20 bundles (2 pieces wide and 10 layers high), which weight 2,265.30lb (1,028kg). And the pallet shoes weight about 55lb (25kg), making total weight 2,320.30lb (1,053kg)
- Pallet dimension is H16" x W49-1/4" x L73-1/4" (H400mm x W1250mm x L1870mm) excluding pallet shoe, and when pallet shoes is included H20" x W51" x L73-1/4" (H500mm x W1300mm x L1870mm)
- 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

Properties	Standard
Dimension and Tolerance	dimension: 1860mm x 625mm x 40mm length tolerance: ±1mm width tolerance: ±0.2mm thickness tolerance: ±0.2mm T&G tolerance: 0 - 0.15mm
Density/Specific Gravity	1100kg/m ³ or 1.1 gcm ³
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 Only one Smooth surfaces could be use as top surface (AA/CC) 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

According to packaging layout drawing, check the label