

## Technical Data Sheet

### SKU: XTR-LUM20-205 Classic

#### Product Description

1x8 Lumber 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 = 3.28b/lf (4.88kg/m)
- Every piece is 6.1'lf (1.860m) long, which weight 20.01lb (9.08kg)
- Every bundle contains 1 pieces, which is 6.1'lf (1,860mm) long, which weight 20.01lb (9.08kg), and has a dimension of H3/4"+ x W8" x L73-1/4" (H20mm x W205mm x L1860mm)
- Every pallet contains 125 bundles (5 pieces wide and 25 pieces high), which weight 2,501.25lb (1,135kg), and the pallet shoes weight about 55lb (25kg), making total weight 2,556.25lb (1,160kg)
- Pallet dimension is H20" x W40" x L73-1/4" (H505mm x W1025mm x L1870mm) excluding pallet shoe, and when pallet shoes is included H24" x W40" x L73-1/4" (H605mm x W1025mm 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

<b>Properties</b>	<b>Standard</b>
<b>Dimension and Tolerance</b>	dimension: 1860mm x 205mm x 20mm length tolerance: ±1mm width tolerance: ±0.2mm thickness tolerance: ±0.2mm T&G tolerance: 0 - 0.15mm
<b>Density/Specific Gravity</b>	1100kg/m <sup>3</sup> or 1.1 gcm <sup>3</sup>
<b>Moisture content</b>	10-14%
<b>Strength (psi)</b>	20,100
<b>Stiffness (1000psi)</b>	2,103
<b>Janka Hardness (lbs)</b>	3,820
<b>Insect &amp; Decay Resistance</b>	High
<b>Thickness Swelling Rate of Water Absorption Test Appearance</b>	≤ 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
<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

