



## Technical Data Sheet

**EL20/40-100/205-6FT-UAC, EP20/40-625-6FT-UAC, EF30-65/100-6FT-PSS**

### Product Description

dasso.CTECH Lumber is solid and high density decking board, made from compressed bamboo fibers with a special, patented heat treatment process, making it one of the strongest, hardest and most durable materials on the market to create the perfect space for outdoor entertainment and relaxation. Like any untreated tropical hardwood species, when exposed to outdoor conditions, dasso.CTECH Lumber will turn grey over time creating a very natural look

### Product Technical Specification and Tolerance

<b>Properties</b>	<b>Standard</b>
<b>Dimension and Tolerance</b>	dimension : 1860mm x205mm x 20mm 1860mm x152mm x 40mm 1860mm x625mm x 20/40mm 1860mm x65/100mm x 30mm length tolerance: $\pm 0.5\text{mm}$ width tolerance: $\pm 0.15\text{mm}$ thickness tolerance: $\pm 0.15\text{mm}$
<b>Density/Specific Gravity</b>	1.1 -1.3g/cm <sup>3</sup>
<b>Moisture content</b>	8-12%
<b>Hardness</b>	79.2N/mm <sup>2</sup> (DIN EN 1534)
<b>Static Bending Strength</b>	73.8N/mm <sup>2</sup> (DIN EN 408)
<b>Modulus of Elasticity</b>	16700N/mm <sup>2</sup> (DIN EN 408)
<b>Termite Resistance Level</b>	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>	4% (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 The main surface texture is straight grain, smooth texture, when not finished for yellow and white, after oil transfer into a rich deep yellow 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>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).