

Technical Data Sheet (Lumber)



Product code	Size
EF30-65-6FT-PSS	L1860*W65*T30
EF30-100-6FT-PSS	L1860*W100*T30
ELF20-65/100/137/155-PSS	L3050*W65/100/137/155*T20
ELF30-65/100/137/155-PSS	L3050*W65/100/137/155*T30
EL20-205/307-6FT-PAC	L1860*W205/307*T20
EL40-152/307-6FT-PAC	L1860*W152/307*T40

Product Description

dassoCTECH Lumber is solid and high density 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

Specifications Properties	Length/mm	Width/mm	Thickness/mm
Tolerance	±0.5	±0.15	±0.15

Physical Properties	Standard
Density/Specific Gravity	1.1-1.3g/cm ³
Moisture content	8%-12%
Hardness	79.2N/mm ² (DIN EN 1534)
Static Bending Strength(5% percentile)	110N/mm ² (DIN EN 408)
Modulus of Elasticity(5% percentile)	12300N/mm ² (DIN EN 408)
Thickness of Swelling Rate	4%(DIN EN 15534-1)
Width of Swelling Rate	0.6%(DIN EN 15534-1)
Warping	≤6mm and quantity is less than 10%.
Banana Shape	≤1mm/m along the length of the panels



Bamboo Nodes

Height Difference

Packaging and label

dassoXTR dassoCTECH for Exterior Use

Nodes are separated its width ≤ 10 mm.

≤ 0.5 mm

According to packaging layout drawing, check the label

Biological and chemical Properties	Standard
Termite Resistance Level	DC D(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).