



Technical Data Sheet (Cladding)



Product code: ES12-100-6FT-PSS
Size: L1860*W100*T12



Product code: ES18-MSL-5TG-PSS
Size: L1850*W137*T18



Product code: ES18-WSL-5TG-PSS
Size: L1850*W178*T18

Product Description

dassoCTECH Siding 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. Siding is available in 2 shapes: 100mm width without profile which is screwed down installation method and 137mm with profile which is installed with steel clips. Like any untreated tropical hardwood species, when exposed to outdoor condition, Siding will turn grey over time creating a very natural look.

Product Technical Specification and Tolerance

Properties	Standard
Tolerance	length tolerance: $\pm 0.5\text{mm}$ width tolerance: $\pm 0.15\text{mm}$ thickness tolerance: $\pm 0.15\text{mm}$ T&G tolerance: $\pm 0.1\text{mm}$
Density/Specific Gravity	1.1 -1.3g/cm ³
Moisture content	8-12%
Hardness	79.2N/mm ² (DIN EN 1534)
Static Bending Strength	73.8N/mm ² (DIN EN 408)
Modulus of Elasticity	16700N/mm ² (DIN EN 408)
Termite Resistance Level	DC D (EN117)
Biological Durability	class 1 (EN 350:2016)



Release of Formaldehyde	E1(0.1mg/m ² h) (GB/T17657-2013)
Thickness of Swelling Rate	4% (DIN EN 15534-1)
Width of Swelling Rate	0.6% (DIN EN 15534-1)
Appearance	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
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

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).