



## 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  |
|---------------------------------|---|
| <b>Tolerance</b>                | length tolerance: $\pm 0.5\text{mm}$<br>width tolerance: $\pm 0.15\text{mm}$<br>thickness tolerance: $\pm 0.15\text{mm}$<br>T&G tolerance: $\pm 0.1\text{mm}$ |
| <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 D (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>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>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).