

## Technical Data Sheet (Ecosolid bamboo flooring)



Product code	Size
ES-FOR-125	L1210*W125*T18
ES-FOR-97	L1210*W97*T18
ES-C-97-1210/970	L1210/970*W97*T15

### Product Description

Dasso patented flatten process creates a unique, wide one piece bamboo sheet. This panel is then utilized in a myriad of products further enhanced with distinctive style and surface treatment. Partially removing the natural skin to retain most of Ecosolid bamboo's unique character, then we finish it with a UV coating. Underlying our palette of rich stains, the flatten bamboo continues to reveal all the natural colors, character and raised cross knuckles to complete this distinctiveness.

### Product Technical Specification

Physical Properties	Standard
Density/Specific Gravity	730kg/cm <sup>3</sup> (EN 17009)
Moisture content	6%-14%
Hardness	120N/mm <sup>2</sup> (EN 1534/EN 17009)
Slip Resistance	96(EN 17009-2019&CEN/TS 16165-2016)
Reaction to Fire	Cfl-S <sub>1</sub> (EN 13501-1)

<b>Breaking Strength</b>	0.4KN (EN 1533)
<b>Thermal properties</b>	0.153 W/(m.K) (EN 17009&EN 12664)
<b>Squareness</b>	0.01%(lengthwise)/0.1%(widthwise )(EN 17009-2019)
<b>Cupping</b>	0.2%(EN 17009-2019)
<b>Spring</b>	0.02%(EN 17009-2019)
<b>Bowing</b>	0.02%(EN 17009-2019)
<b>Warping</b>	anticlinal up warp≤0.5%,geoid warping≤0.2%
<b>Banana Shape</b>	≤0.5mm
<b>Height Difference</b>	≤ 0.5mm
<b>Packaging and label</b>	According to packaging layout drawing, check the label

**Biological and Chemical Properties**
**Standard**

<b>Use class</b>	UC 1(EN 335)
<b>Release of Formaldehyde</b>	E1(EN 717-1)
<b>Total Volatile Organic Compounds</b>	26.2ug/m3(EN 16516-2018)
<b>Content of pentachlorophenol</b>	<5ppm (CEN/TR 14823)

**Storage**

- Maintain ventilation, control the ground moisture, do good waterproof works, avoid floor flooding and long time moisture; the relative humidity of the warehouse is 40%~ 70%, the temperature is 50 F (+ 10 C) ~ 86 F (+ 30 C).
- Prevent the floor from direct sunlight for long time; do not store products in pest infected and / or unsuitable warehouses.
- When not used, place the product in the original package and cover the package from the top and bottom to avoid the effects of climate events and other environmental hazards.
- Store the product horizontally on the ground and place on each tray with pallet shoes.
- The bottom tray shall be placed on a uniform basis on spacers or trays.
- The difference between the spacers should not exceed 600mm, and the starting interval from the beam edge should not exceed 200mm (the number of intervals should not be less than 3).