Technical Data Sheet

XD18/20-SG1/2-5TG-PSR /PSV/USV/USR

Product Description

dasso.XTR 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. A unique feature of dasso.XTR is the head tongue and groove: this can only be done with very stable materials and enables connection of an unlimited number of boards in the length. The special symmetrical shape of the sides offers the possibility to choose between either the grooved or the flat surface, and allows for quick installation with fasteners. Like any untreated tropical hardwood species, when exposed to outdoor conditions, dasso.XTR will turn grey over time creating a very natural look.

Product Technical Specification and Tolerance

Properties	**Standard**
Dimension and Tolerance	dimension： 1850mm x 137mm x 18/20mm length tolerance: ±0.5mm width tolerance: ±0.2mm thickness tolerance: ±0.15mm T&G tolerance: ±0.1mm
Density/Specific Gravity	1.15 g/cm3
Moisture content	10-14%
Hardness	106.8N/mm²（DIN EN 1534）
Slip Resistance(flat)	23°、B（DIN 51097）
Slip Resistance(reed)	25°、C（DIN 51097）
Reaction to Fire	Bf1-s1 (DIN EN 13501-1:2010)
Static Bending Strength	74.4N/mm²（DIN EN 408）
Modulus of Elasticity	19100N/mm²（DIN EN 408）
Termite Resistance Level	DC M (EN117)
Biological Durability	class 1（EN 350:2016）

Release of Formaldehyde	E1(0.1mg/m²h) (GB/T17657-2013)
Thickness of Swelling Rate	5.1% (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 Main surface grain are straights, and texture smooth sand to P180 Color greyish brown when unfinished and turn to rich dark brown after primed with penetrating oiled 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 600m, 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).