

Technical Data Sheet H&W FSC® Bambus FacadePlank Pro™, Cognac

Item: 198901



Product Description

FSC® Bambus FacadePlank Pro™, Cognac is solid and high density decking board, made from compressed bamboo fibers with a special, patented CeramiX process, making it one of the strongest, hardest and most durable materials on the market to create the perfect space for exterior entertainment and relaxation. Cladding is available in 1 shape: 137mm with profile which is installed with clips. Like any untreated tropical hardwood species, when exposed to exterior condition, Cladding 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 18mm length tolerance: ±1mm width tolerance: ±0.2mm thickness tolerance: ±0.2mm T&G tolerance: 0 - 0.15mm
Density/Specific Gravity	1,200kg/m ³
Moisture content	10%±2
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)
Reaction to fire classification	B-s1, d0 (EN 13501)
Termite Resistance Level	DC M (EN117)
Biological Durability	CLASS 1 (EN 350:2016)
Release of Formaldehyde	E1(0.1mg/m ² h) (GB/T17657-2013)
Swelling rate in thickness	4.0% (DIN EN 15534-1)

Swelling rate in width	0.6% (DIN EN 15534-1)
Swelling rate in length	0.0% (DIN EN 15534-1)
Water absorption	7.4% (DIN EN 15534-1)

Appearance The main surface texture is straight grain, smooth texture, the color is greyish yellow when unfinished and turn to rich deep yellow after primed with penetrating oiled.
Natural grain and color may vary as this is a natural fiber product

Cupping ≤ 0.3 mm

Warping ≤ 6 mm and quantity is less than 10%.

Banana Shape ≤ 1 mm/m along the length of the panels

Bamboo Nodes Nodes are separated its width ≤ 10 mm.

Height Difference ≤ 0.5 mm

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 $\leq 3\%$, 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).

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