



Horizontal & Vertical Compressed Bamboo Flooring



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Bamboo is a grass which grows quickly even in low grade soil which means it can be planted almost anywhere. Thin rectangular strips of bamboo are aligned in different designs and then laminated together (vertical edge grain or horizontal flat grain), or woven and then compressed together under extreme heat and pressure (strand woven), to create smooth unfinished milled sheets/panels.

Verdee bamboo floorings are made with 100% bamboo, are a stunning alternative to hardwood products and plywood. Bamboo floorings is high in strength, sustainability, great looks and amazing versatility.

For horizontal and vertical bamboo flooring, the bamboo grass is harvested, dried and cut into thin strips. If the end result of the flooring is to be carbonised then the raw strips of bamboo are smoked to produce a rich brown tone to the flooring. If the end result is for the flooring to be of a natural colour, the raw strips of bamboo are left in their natural state.

To achieve horizontal bamboo flooring, the strips of bamboo are glued together horizontally and machined to form a plank of flooring. To achieve vertical bamboo flooring, the strips of bamboo are glued together vertically and machined to form a plank of flooring. A protective layer of lacquer is then applied to the planks of flooring, before a tongue and groove or click system profile is added by machine.

- **Material**

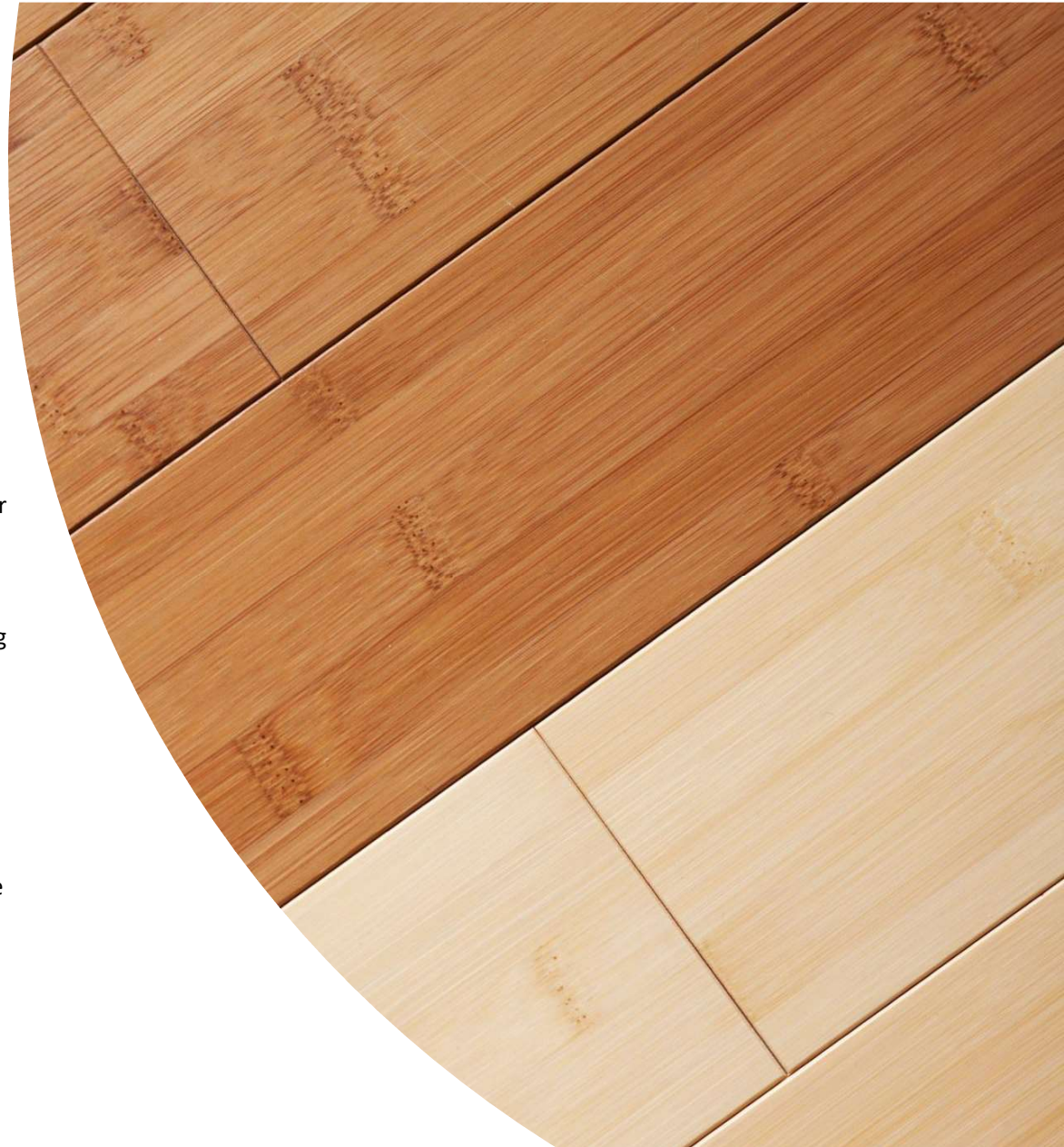
- 100% Moso Bamboo(*Plyllostachys Pubescens*) harvested at maturity at 5-6 years for maximum fibre density, with Prefere 6121 adhesive. Verdee Bamboo flooring meet E1 requirements for VOC (Volatile Organic Compound) levels.
- The surface of the compressed flooring may contain small seams and open pores. Depending on the finishing and customer requirements, the surface can be closed using a (color matching) filler.

- **Finishing**

- Verdee bamboo flooring are pre-finished with a 7 stage, water-based, UV-cured acrylic urethane, which is durable and anti scratch.

- **Warranty**

- Verdee bamboo floorings are warranted against delamination, and will not separate as a result of a manufacturing defect for a period of 15 years from the date of sale.

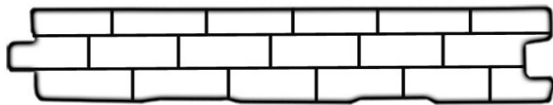


Technical Information

	Vertical compressed bamboo flooring	Horizontal compressed bamboo flooring
Density (Top Layer) :	+/- 600kg/m ³	+/- 1050 kg/m ³
Top layer thickness / Wear layer (depending on thickness version)	3.5-5mm	3-4mm
Resistance to indentation – Brinell Hardness (EN 1534)	≥ 4kg/mm ²	≥ 9.5kg/mm ²
Equilibrium Moisture Content	9-12% at 70% relative humidity, 20 degrees celcius	
Shrink/Swell bamboo	0.14% Per 1% change in moisture content	
Glue	D3 water resistant	
Formaldehyde emission	Class E1 (<0.124 mg/m ³ , EN717-1)	
Contribution LEED BD+C-v4	MR1, MR2, MR3(FSC), EQ2v2009, MR6, MR7(FSC)	
Contribution BREEAM	HEA 2, MAT 2, MAT 3	HEA 2, MAT 2, MAT 5

Horizontal
compressed
bamboo flooring





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- Horizontal compressed bamboo flooring made with bamboo strips about 22mm width in 3 ply, compressed to bring a knuckles effect.
 - The outside surface of the horizontal compressed bamboo flooring is manufactured using horizontal strips of bamboo laminated together, giving a uniform, stripe look. The grain runs along the longest length of the flooring.



Horizontal compressed bamboo flooring

Colour : Natural (bleached)

Size :

Solid bamboo

960x96x15mm / 1920x96x15mm

Engineered bamboo plywood

1950x137x15mm (4mm thickness top layer bamboo)



Horizontal compressed bamboo flooring

Colour : Carbonized

Size :

Solid bamboo

960x96x15mm / 1920x96x15mm

Engineered bamboo plywood

1950x137x15mm (4mm thickness top layer bamboo)

Vertical
compressed
bamboo flooring



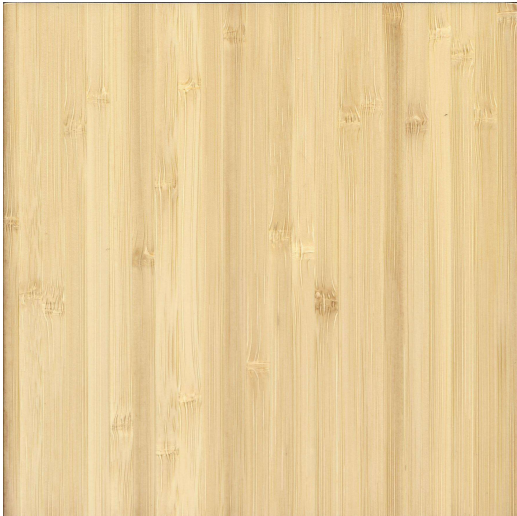


Vertical compressed bamboo flooring made with bamboo strips about 5-7mm width, more edges and seams are visible, its outward appearance has a more textured, "busy" look.



The outside surface of the vertical compressed bamboo flooring is manufactured using vertical strips of bamboo laminated together, giving a uniform, stripe look. The grain runs along the longest length of the panel.

Compressed bamboo flooring outer layers (top and bottom) are made from compressing the bamboo fibres at huge pressure, which gives a harder, more dense surface (similar to compressed bamboo flooring).



Vertical compressed bamboo flooring

Colour : Natural (bleached)

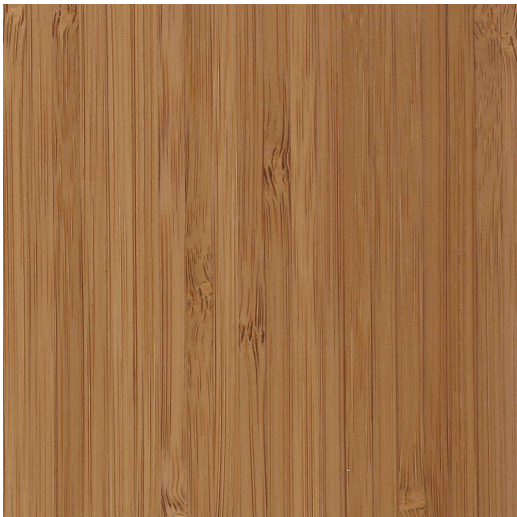
Size :

Solid bamboo

960x96x15mm / 1920x96x15mm

Engineered bamboo plywood

1950x137x15mm (4mm thickness top layer bamboo)



Vertical compressed bamboo flooring

Colour : Carbonized

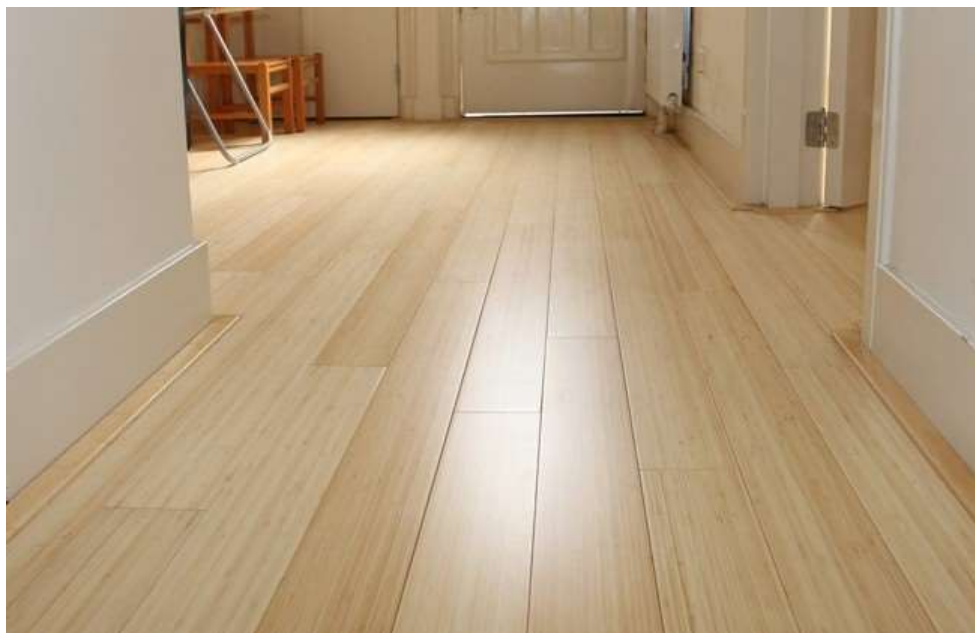
Size :

Solid bamboo

960x96x15mm / 1920x96x15mm

Engineered bamboo plywood

1950x137x15mm (4mm thickness top layer bamboo)





Contact Us

Verdee Bamboo

Eco Full Company Limited

www.verdeebamboo.com

Tel : +852 2892-0255

Fax : +852 2892-0256

Email : info@verdeebamboo.com

Address : Blk. L, 7/F, Wing Kin Ind. Bldg., 4-6 Wing Kin Rd., Kwai Chung , Hong Kong