



## BAMBOO FLOORING

Bamboo has been used in the East for centuries as an attractive and practical material with numerous uses. It is harder and stronger than many commonly used hardwoods. Advanced technology allows bamboo to be machined and formed into solid boards, panels and flooring products that are ideal for use in modern homes.

Bamboo is truly one of nature's wonder materials. It is extremely fast-growing, yet produces "timber" that is very strong and hard. Bamboo's rapid growth rate (reaching full maturity in around 5 years) makes this a remarkably eco-friendly material. The older stems can be harvested annually without killing the plants, and without leaving a stripped and denuded landscape. This sustainable harvesting model has won international recognition. Bamboo forests require no pesticides or fertilisers. They also absorb more CO<sub>2</sub> and produce more oxygen than equivalent hardwood timber forests. In fact, bamboo has a net positive carbon footprint; the bamboo plants absorb more CO<sub>2</sub> whilst growing than is released during their harvesting and manufacture of the bamboo boards. It is also worth noting that Panda Bamboo products comply with all USA and EU environmental requirements.

Bamboo flooring exhibits beautiful warm colours with an interesting and attractive grain pattern. The rich, clean look of bamboo is perfect for modern interiors, and blends well with other modern materials. Bamboo has very similar physical characteristics to quality hardwood timber, and is also comparably priced. It is dimensionally stable (won't swell, shrink or crack) and is more resistant to water damage and scorching than many other types of timber.

Panda Bamboo supplies two different types of bamboo flooring:

- Solid laminated bamboo flooring
- Strand-woven bamboo flooring

Both types of flooring are available as pre-finished tongue and groove boards, 96mm wide. The strand-woven flooring is also available in wider planks (140mm) with a self-locking "quick click" system which is ideally suited to floating floor installations. Our flooring is supplied pre-finished with a German aluminium oxide / polyurethane coating that provides superior wear resistance.

Our flooring is also available without the pre-finish coating, which is ideal for customers wanting the flooring stained a darker colour. The unfinished flooring can be oiled once installed, giving a slightly more matt look, and a finish that often hides scratches better than a varnished finish will.

We supply a full range of edge profiles, skirtings and trims for all our flooring products. All flooring carries a 25 year structural warranty (mechanical damage excluded).

All bamboo flooring can be installed on a flat screed (or other sub-floor) as a floating floor or using a speciality glue-down system, or it can be nailed onto joists or battens for a suspended floor. Both types of bamboo flooring can be sanded down and re-sealed should this become necessary after a few years wear.

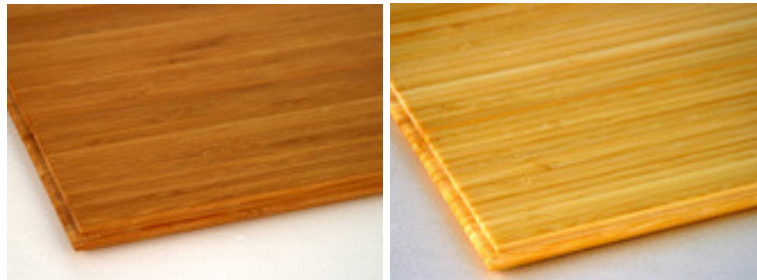
**PANDA BAMBOO PRODUCTS**  
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**Solid laminated bamboo flooring** is supplied as pre-finished tongue & groove boards and is available in any of the four basic bamboo colour/style variations (Natural or Caramel colour, and Horizontal or Vertical grain pattern). Standard plank sizes are 960mm x 96mm x 15mm, but longer planks (1920mm) and unfinished flooring are also available.

The most popular installation method for solid bamboo flooring laid on cement screed floors is to install the floorboards as a floating floor, using a rubber underlay and speciality flooring glue, which retains slight flexibility once cured. Bamboo flooring can also be nailed onto a plywood sub-floor, or nailed onto suitably spaced battens or joists for a suspended floor, using an invisible nailing method.

The four basic variations of bamboo flooring available (two colours and two grain patterns) are shown in the pictures below.

Vertical layering



Horizontal layering



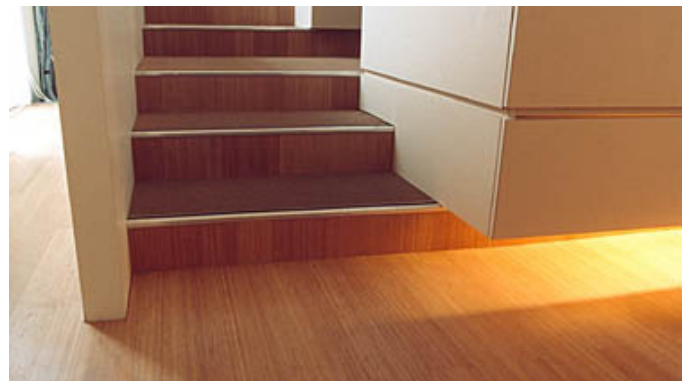
Caramel

Natural

Solid bamboo flooring is recommended for all domestic and light commercial use. It is hard-wearing, but, like most timber floors, will dent if something heavy is dropped or dragged on it, or if walked on in stiletto heels.



Solid bamboo: Natural / Horizontal



Solid bamboo: Caramel / Vertical

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**Strand Woven bamboo flooring** is our premier flooring product. It is created by compressing the bamboo fibres under enormous pressure with a special resin glue. The resulting material is twice as hard as laminated bamboo, and is exceptionally impact and wear resistant. We recommend this flooring for any domestic or commercial application. Because of the way that it is made, the strand-woven flooring does not have the typical grain patterns of laminated bamboo, but has an appearance more like conventional timber. Two colour variations are available, Natural – a rich golden colour and Caramel - a mid-brown. The strand-woven bamboo flooring colours are slightly darker than the laminated bamboo flooring. The strand-woven bamboo flooring is available in tongue-and-groove planks of size 1830mm x 96mm x 14mm, or in wider self-locking “quick-click” planks of size 1850x140x14mm.

The two variations of strand-woven bamboo flooring are shown below.



Caramel (brown)



Natural (golden)



Strand-woven bamboo: Caramel



Strand-woven bamboo: Natural

Strand-woven bamboo flooring is recommended for both domestic and commercial applications.

Panda Bamboo does not undertake installations. However, we work closely with and are able to recommend independent installers in most areas.

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