

BONDECK

BAMBOO COLLECTION



NATURAL WOOD COLLECTION

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A SUSTAINABLE ALTERNATIVE TO WOOD

Bamboo is among the most sustainable natural building materials on the planet. Often characterized as a wood, bamboo is actually a grass that grows exponentially faster than wood – with the potential to reach heights of as much as 39 inches in just 24 hours.

Largely dependent on climate conditions, soil, and species, bamboo's typical growth rate in temperate climates ranges from 1–4 inches per day. Bamboo is primarily grown in warm climates, such as in Asia, where some of the largest bamboo stems, or culms, can grow over 98 feet tall and be as large as 7.9 inches in diameter.



Unlike trees, which can take upwards of 30 years before they are ready for milling, bamboo culms emerge from the ground at their full diameter and grow to their mature height in 3–4 months, becoming harder over time until they reach peak hardness, usually within 3–7 years. Once culms are cut, new shoots quickly regrow, reaching full maturity again within 3–7 years. This is incredibly quick given that a cut oak tree can take more than 120 years before it is strong enough to be re-harvested.

Another environmentally friendly quality: bamboo is naturally pest-free, so no pesticides are required for its growth.

THE VERSATILITY OF BAMBOO

Bamboo has been used in Europe, Asia, and especially China for more than 4,000 years due to its extreme versatility. Younger shoots, which are edible, are included in numerous Asian dishes and are available in many supermarkets. Bamboo's culinary applications also include use in cooking utensils, kitchenware, such as chopsticks, and cutting boards.

Chinese medicine also credits bamboo as an effective treatment for infections, while Indian medicine has long used the silicious concentration found in the culms of the bamboo stem as a tonic for respiratory diseases. Additionally, bamboo fibers are used in everything from textiles, paper, and musical instruments, to bicycles, skateboards, furniture, and building materials, including flooring and decking.



INCREDIBLE DURABILITY

When harvested at its peak hardness, bamboo used in flooring, decking and other building materials is often harder and more resilient than products made from popular woods such as oak, maple, and Ipe. There are no rays or knots in bamboo like those found in natural woods. This naturally smooth surface makes bamboo planks far more dimensionally stable throughout their length, allowing pressure to be more evenly distributed over the surface area.

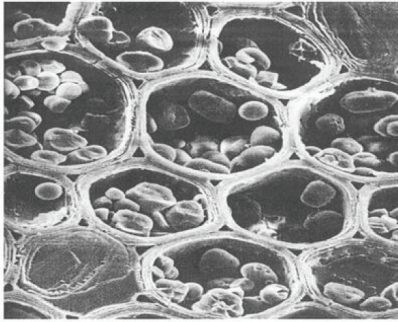
Mature bamboo is so dimensionally stable that it is often compared to steel. In fact, in China, bamboo is used as scaffolding on many commercial projects. And in the United States and France, there are homes built entirely of bamboo that are certified as earthquake- and cyclone-resistant.

WATER RESISTANCE

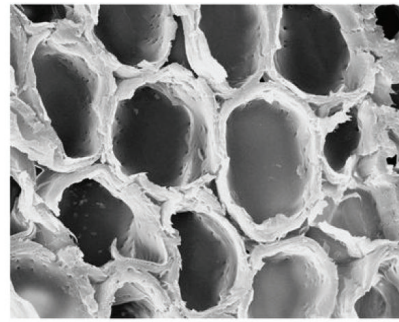
In its natural form, bamboo is also incredibly water resistant. The lamination process used to manufacture bamboo flooring further enhances this water resistance, providing even more protection against the warping and gapping that is common with solid hardwoods. Bamboo also repels mold and mildew and is fire resistant.

EASY MAINTENANCE

In addition to having high wear resistance, bamboo is also naturally stain resistant, making maintenance easy. Bamboo floors require a simple sweeping or dry mopping. For sticky stains, a damp mop with water is sufficient, eliminating the need for harsh cleaners.

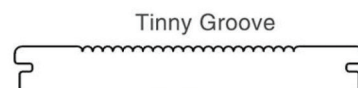
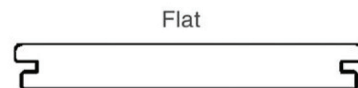



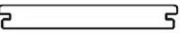
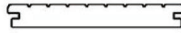

Unprocessed Bamboo fibre enlarged under the microscope in scale of 1:1200

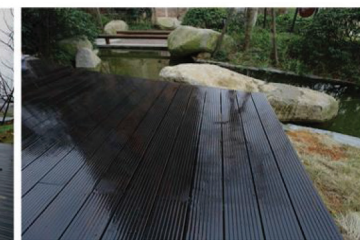
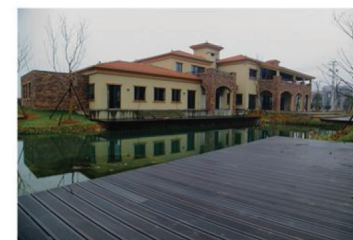


Bamboo fibre by special treatment enlarged under the microscope in scale of 1:1200





Size (mm)				
(T)	18 / 20 / 30	18 / 20 / 30	18 / 20 / 30	18 / 20 / 30
(W)	139	65 / 100 / 139	100 / 139	100 / 139
(L)	930 / 1860	930 / 1860	930 / 1860	930 / 1860

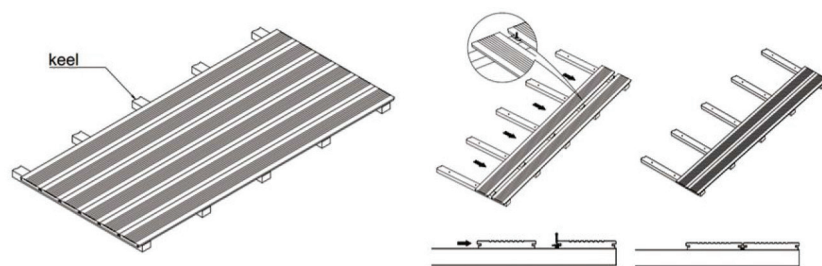
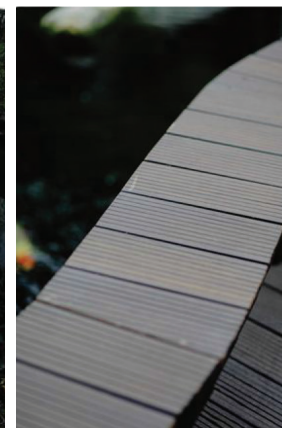
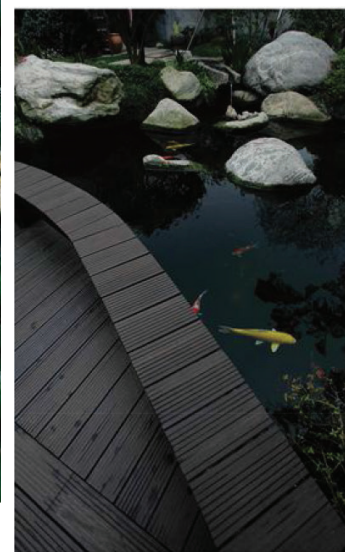
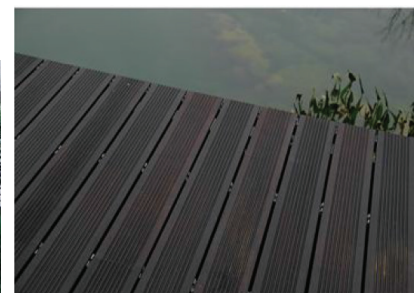


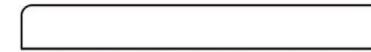
MIDDLE CARBONIZED OUTDOOR DECKING



DARK CARBONIZED OUTDOOR DECKING

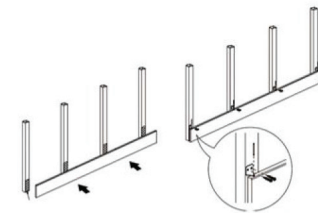
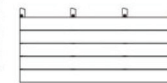
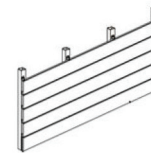






Cladding

Size (mm)	
(T)	8 / 12
(W)	100
(L)	930 / 1860

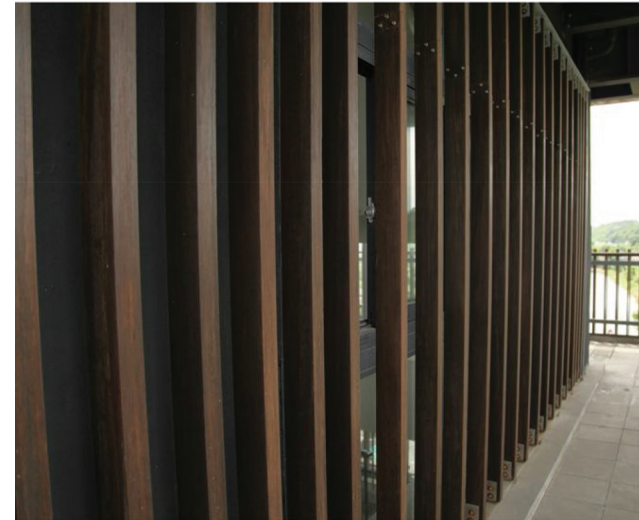


OUTDOOR CLADDING

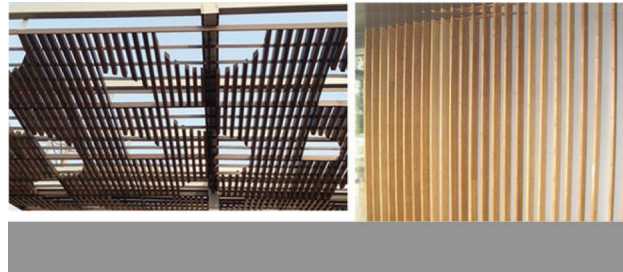


CLIPS





Grille



Most of the series products sold by BONDECK has obtained international and domestic patent licenses, registered table. We have the rights to make the changes and correction on materials and colors because of technical skills improvements.

We have selected the best raw materials for our flooring. However, bamboo is a natural plant, every bamboo shoot is unique and can not be duplicated. Just like there is no two leaves the same. Each flooring has tiny differences such as texture, colors, and so on. Therefore, these differences are the natural beauty of bamboo. This exactly reflects the real natural material.

Our flooring has obtained not only quality certification also safety certification which are issued by different testing centers and organizations internationally or domestic.

Certificates that we have:      



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