

STRONGBOO

BAMBOO SHIP DECK BOARDS

'The replacement for tropical hardwood where no tree is involved'



STRONGBOO
BAMBOE PLANKEN



Bamboo ship deck boards

Bamboo ship deck boards have become increasingly popular in the shipping industry in recent years. Traditionally, ship decks were made of hardwood, but the growing need for sustainable and eco-friendly materials has put bamboo forward as an excellent substitute.

Bamboo is not only strong and flexible. It grows quickly and has a much lower carbon footprint than traditional hardwoods. This makes bamboo an attractive option for ship decks, both for new ships and renovations of existing vessels.

Bamboo ship deck boards offer an excellent combination of strength, durability and aesthetic value. By the eco-friendly properties of bamboo, ship owners can contribute to the preservation of nature, while benefiting from the high performance of this special material.

In addition, the ongoing trend towards eco-friendly and sustainable shipbuilding will further boost demand for bamboo as an alternative to hardwood. Ship owners and yards focusing on sustainability are expected to increasingly choose bamboo as their preferred material for ship decks and other applications.





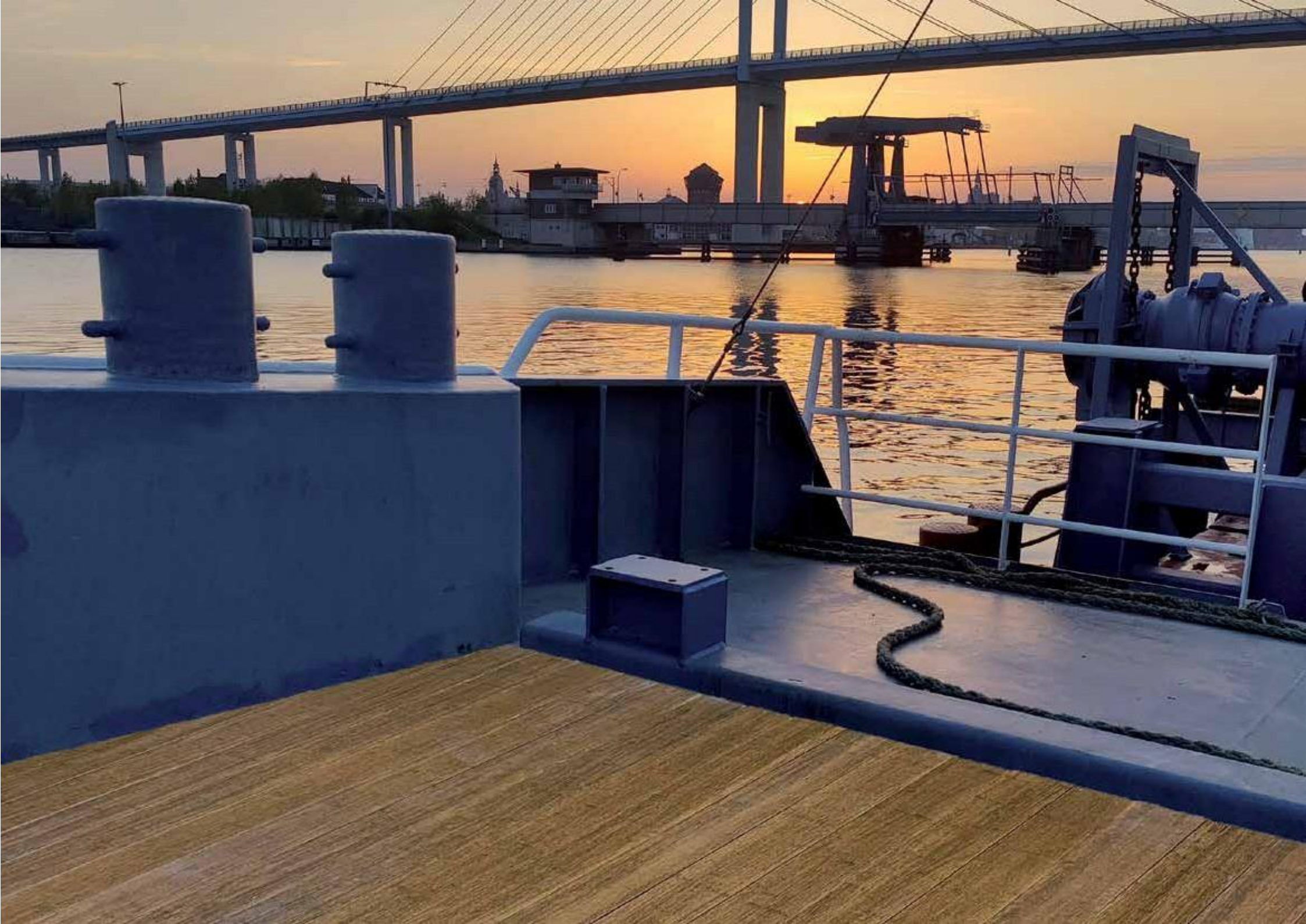
Why bamboo?

Bamboo is in fact not a tree, but a grass-like plant found worldwide, especially in tropical and subtropical regions. What makes bamboo special is the speed at which it grows. Some bamboo species can grow as much as 1 meter a day, and after just 3 to 5 years they can be cut down. This is in stark contrast to the decades it takes hardwood to grow. This makes bamboo a renewable resource.

The fibrous structure of bamboo ensures that the material does not deform or break easily, even under harsh conditions such as being exposed to salt water, sunlight and extreme temperature fluctuations.

Bamboo boards are known for their excellent dimensional stability, meaning they are less sensitive to changes in temperature and humidity than many types of wood. This is because bamboo is a strong, natural material with a dense fibre structure, which ensures stability.

When bamboo is processed into boards, it remains straight and barely warps or expands, even in varying environments. This dimensional stability contributes to the longevity and durability of bamboo as a material choice.





Advantages of bamboo ship deck boards

The advantages of bamboo ship deck boards are numerous. Firstly, bamboo offers excellent resistance to weather conditions. This makes the material particularly suitable for ships that often operate in harsh marine environments.

Another important advantage of bamboo is its environmental impact. Bamboo is one of the most sustainable materials available as it is one of the fastest growing plants in the world.

When harvesting bamboo, stems are cut off above the ground. The root structure is retained, allowing a plant to quickly shoot out again next to the cut stem. This is in contrast to hardwood production. For this, tropical rainforests are cut down and heavy machinery is used. The trees cannot shoot out again. It takes years before that part of the rainforest recovers. Each time, another part of a beautiful ecosystem is degraded, and if restored at all, it takes a lifetime. Deforestation is a major global problem.





Important information StrongBoo ship deck boards

- The boards can be delivered sawn and milled according to your requirements.
- The boards are available in various lengths and thicknesses.

The quality of StrongBoo bamboo boards is tested at sea.

- *Slipperiness:*
Our boards have been tested for slipperiness with very nice results in classes B and C, that is, high grip and maximum grip.
- *Sunlight:*
The boards hold up very well, but will age overtime, just like other types of wood.



Bamboo ship deck cut and milled according to your drawing.



More StrongBoo bamboo products

- Outdoor decking
- Truck flooring
- Horse stable boards
- Jacking beams
- Bridge deck parts

*Save the planet,
use bamboo!*





For more information, please contact us using the details below

Or visit our office to see everything

The coffee is always ready for you!

STRONG *BOO*
ORIGINAL

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We produce to your specific wishes!*

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