MOSO®
Bamboo X-treme®
certified and sustainable bamboo decking
bamboo: the fastest growing plant in the world
With MOSO® Bamboo X-treme® you can create a beautiful deck made of natural-grown bamboo, for your deck, balcony, swimming pool area or other outdoor spaces. The truly ecological and durable alternative for increasingly scarce tropical hardwood offers you the touch, feel and look of a natural material. Bamboo X-treme® is available in a wide range of products including decking, siding, 1x4 T&G, fascia/trim boards and 2x outdoor beams.
Enrich your garden, porch or roof area with MOSO® Bamboo X-treme®, the natural, fast growing alternative to hardwood. Similar to hardwood, you can determine the look depending on the finish you choose.
MOSO® Bamboo X-treme® is engineered to last for a lifetime. Thanks to a special, patented, Thermo-Density® production process, it is very durable. The proof is the 30 million sqft already installed in various different climates all over the world.

For more information about these references please go to page 28.

www.moso-bamboo.com/durable
x-tremely tough conditions: high traffic, around swimming pools, near coastlines and in extreme climates.

For more information about these references please go to page 28.
MOSO® Bamboo X-treme® is very stable, enabling the use of hidden fasteners (clips) to fix the boards. It is even possible to create special patterns. The superior stability has another major advantage: it allows an end-matched system to create any length without big gaps.
Depending on the finish and surface treatment you can define your own style of choice with MOSO® Bamboo X-treme® decking. Each board has a smooth and a reeded side: just choose the one you like best! In addition to Bamboo X-treme® decking, we offer siding, 1x4 T&G, fascia/trim boards and 2x outdoor beams.
Moso bamboo is one of the fastest growing plants on earth. The bamboo stems grow from an underground root system and after 5 years a stem can be harvested, while the others continue to grow. This means the bamboo can be used without destroying the forest. After harvesting, the Moso bamboo stems are split and the outer skin is removed. By modifying the bamboo strips with a special unique Thermo-Density® process, the dimensional stability of bamboo is improved by approx 50%. The heat-treatment at 392°F (200°C) also ensures protection against superficial fungi and provides the highest durability class possible. After compressing the heat-treated bamboo strips, the material is stronger and harder than almost any other hardwood. That is why we call it: MOSO® Bamboo X-treme®.

harvesting after 5 years

modify the bamboo strips with a heat-treatment at 200°C

compressing the strips into High Density® material

finally creating the final profile and surface

split the Moso bamboo stems, remove the outer skin and crush the strips

MOSO® Bamboo X-treme®: material more stable, harder and stronger than almost any other hardwood in the world!
Moso Bamboo X-treme’s 6’ end matched decking system brings an ease of installation unlike any other to your project. With straight, flat and true boards contractors can save up to 30% on installation when compared to any tropical hardwood. The unique Thermo-Density® method produces a more stable product than any other natural material on the market today.

**x-tremely easy to install**

**Appearance and color**

Bamboo X-treme® is a natural product, which can vary in color, grain and appearance. The color will change over time depending on the maintenance schedule. The boards have a brown to dark brown color when installed, which turns into a lighter caramel color in the weeks after installation. Without further maintenance the color will turn gray as a result of UV radiation (similar to most other wood species).

**Maintenance and Cleaning**

Under the influence of wind, rain, sun and snow the decking will weather. Unfinished decking should be treated with a suitable exterior oil after installation. Annual cleaning and maintenance of your MOSO® Bamboo X-treme® decking is recommended. Check out the complete maintenance and cleaning instruction at: [www.moso-bamboo.com/x-treme-maintenance](http://www.moso-bamboo.com/x-treme-maintenance)

**Around swimming pools**

As with any wooden product used outdoors, there is always a risk of splinters arising, however splinters from Bamboo X-treme® are normally smaller than (tropical) hardwood splinters. A regular cleaning, maintenance, and application of oil (more frequently around pools) is recommended to keep the surface smooth.

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**Warranty 25 Years**

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**Product Code Size Dimensions (”)**

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>Size</th>
<th>Dimensions (”)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board unfinished</td>
<td>BO-DX20-G2-UF</td>
<td>1 x 6</td>
<td>1/4 x 5-1/2 x 72</td>
</tr>
<tr>
<td>(2 grooves)</td>
<td>BO-DX20-G2-PP</td>
<td>1 x 6</td>
<td>1/4 x 5-1/2 x 72</td>
</tr>
<tr>
<td>Board unfinished</td>
<td>BO-DX20-G1-UF</td>
<td>1 x 6</td>
<td>1/4 x 5-1/2 x 72</td>
</tr>
<tr>
<td>(1 groove)</td>
<td>BO-DX20-G1-PP</td>
<td>1 x 6</td>
<td>1/4 x 5-1/2 x 72</td>
</tr>
<tr>
<td>Fastener + screw</td>
<td>CLIP-SCREW-BX06</td>
<td>1 x 6</td>
<td>1/4 x 5-1/2 x 72</td>
</tr>
<tr>
<td>Siding</td>
<td>BO-SID18-137</td>
<td>1 x 6</td>
<td>1/4 x 5-1/2 x 72</td>
</tr>
<tr>
<td>(unfinished)</td>
<td>BO-SID18-178</td>
<td>1 x 8</td>
<td>1/4 x 7 x 73</td>
</tr>
<tr>
<td>(unfinished)</td>
<td>BO-POR18-96-PP</td>
<td>1 x 4</td>
<td>1/4 x 5-1/2 x 72</td>
</tr>
<tr>
<td>Fascia/trim board</td>
<td>BO-LUM20-205</td>
<td>1 x 8</td>
<td>1/4 x 8 x 73-1/4</td>
</tr>
<tr>
<td>(unfinished)</td>
<td>BO-LUM20-305</td>
<td>1 x 12</td>
<td>1/4 x 12 x 73-1/4</td>
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<tr>
<td>Fascia/trim board</td>
<td>BO-LUM40-152</td>
<td>2 x 6</td>
<td>1-1/2 x 8 x 73-1/4</td>
</tr>
</tbody>
</table>

Also available with FSC® certification.
MOSO® Bamboo X-treme® offers clear sustainability advantages and is even proven to be CO₂ neutral over its full life cycle! The inclusion of Bamboo X-treme® contributes to a higher LEED and BREEAM certification score for green building projects. That’s one of the reasons why you can find the decking and other MOSO® products in many sustainable reference projects all over the world.

► www.moso-bamboo.com/sustainability

MOSO® has commissioned Delft University of Technology to conduct an official LCA and carbon footprint study. The report (www.moso-bamboo.com/lca) concludes that all assessed MOSO® products (all solid bamboo flooring, decking, beams, panels and veneer) are CO₂ negative over the full life cycle (“cradle till grave”). In this result the high growth rate of Moso bamboo (see graph below) has not even been taken into account, and can be perceived as additional environmental benefit. The environmental impact of MOSO® products, excluding carbon sequestration effect, was also published in an official Environmental Product Declaration (EPD) following EN 15804 (www.moso-bamboo.com/epd).

Bamboo: the fastest growing plant in the world

Because of the fast growth, Moso bamboo is managed as an agricultural crop: the annual harvest of the 5 year old stems – compared to 80 years for tropical hardwood! - provides a steady annual income to farmers and stimulates the bamboo plant to reproduce even faster. Thus, in contrast to tropical hardwood, there is no deforestation taking place for the production of MOSO® Bamboo X-treme®.

For more information about these references please go to page 28.
x-tremely nice references

1. Hotel OD Barcelona
   moso-bamboo.com/hotel-od
2. Private Residence Solana Beach
   moso-bamboo.com/solana
3. Hotel Barcetar Prato di Porto
   moso-bamboo.com/barcetar
4. Villa Pertieneu
   moso-bamboo.com/pertieneu
5. Arnolfo Barretta Elephant Lodge
   moso-bamboo.com/barretta
6. Head office Jumbo
   moso-bamboo.com/jumbo
7. Ushuaïa Ibiza Beach Hotel
   moso-bamboo.com/ushuaia
8. Beach promenade Tel-Aviv
   moso-bamboo.com/promenade
9. Terrace Norway
   moso-bamboo.com/terrace
10. Hotel The Fourth - Restaurant
    moso-bamboo.com/the-fourth
11. Private Residence Solana Beach
    moso-bamboo.com/solana
12. Hotel Barcetar Balia
    moso-bamboo.com/balia
13. Edificio San José de la Sierra
    moso-bamboo.com/san-jose
14. Apartment blocks “De Oleo Herderen”
    moso-bamboo.com/herderen
15. Private Residence Buenos Aires
    moso-bamboo.com/buenos-aires
16. Paris Expo Porte de Versailles
    moso-bamboo.com/paris-expo
17. Decoactive City Center Leverkusen
    moso-bamboo.com/leverkusen
18. Niverplast rooftop terrace
    moso-bamboo.com/niverplast
19. PAYS University
    moso-bamboo.com/pays
20. Vesio Campus
    moso-bamboo.com/vesio
21. The Gas Museum
    moso-bamboo.com/gas

Apartments Residenza Lotus
Switzerland

Change = Youth Housing
The Netherlands

Hotel Jakarta Amsterdam
The Netherlands

BMW Solar Carport
South Africa

Guggenheim Museum
Spain

MOSO® Bamboo Flooring

MOSO® Bamboo Panels, Veneer & Beams

MOSO® Unlimited Solutions

www.moso-bamboo.com/references

19. Ryan Paul Marchese
20. Lior Teitler
21. Simon Garcia
22. Pedro Machado
23. Aitor Ortiz
24. Thijs Wolzak
25. Daniele Kaehr
26. Parkett Neubert
27. Siplast
28. Duelas Y Maderas
29. BMW
30. Lexus Lounge
31. Schiphol Airport
32. Madrid International Airport
33. CityLife Shopping District
34. Guggenheim Museum
35. Head Office Südwestmetall
36. Lexus Lounge
37. Head Office Südwestmetall
38. MOSO® world leader in bamboo solutions

Apartments Meier On Rothschild
Israel

The Versailles Apartment Complex
United States of America

Villa Tossa De Mar
Spain

Private Residence
Portugal

Hotel The Fourth - Restaurant
The Netherlands

Private Residence
Mexico

Villa Cap d’Antibes
France

Grand Velas Riviera Maya
Mexico

Belmond Savute Elephant Lodge
Namibia

Hotel Iberostar Praia do Forte
Brazil

Villa Partieneu
moso-bamboo.com/partieneu

Guggenheim Museum
Spain

The Gas Museum
Spain

Head Office Südwestmetall
Germany

Lexus Lounge
Belgium

Schiphol Airport
The Netherlands

Vanco Campus
The Netherlands

PAYS University
The Netherlands

Niverplast rooftop terrace
The Netherlands

The Fourth Apartment
The Netherlands

Lior Teitler

MOSO® Bamboo Flooring

MOSO® Bamboo Panels, Veneer & Beams

MOSO® Unlimited Solutions
MOSO® International was founded in the Netherlands in 1997. Since then, MOSO® has evolved to become the unchallenged World market leader in the development of innovative and sustainable bamboo products for interior and exterior applications.

There is no other company worldwide with an equally – and still expanding – broad assortment of high quality bamboo products. MOSO®’s head office, with the biggest bamboo warehouse in Europe, is located near Amsterdam. Furthermore, MOSO® has offices in Barcelona, Milan, Cape Town, Milford (USA), Dubai and Hangzhou (China). MOSO® works with several partner companies and leading distributors worldwide to guarantee the availability of MOSO® products in each region.

Besides Outdoor products, MOSO® offers a very broad assortment of Bamboo Flooring, Panels, Veneer and Beams in various sizes, thicknesses, colors and textures. These products are used worldwide in various applications ranging from wall covering, ceilings, window frames, doors, stairs, furniture and kitchens, providing an ideal combination with the MOSO® Outdoor assortment.

Furthermore, because of its expertise, MOSO® is able to develop unique, customized bamboo solutions for industrial clients, meeting exceptionally stringent requirements. Through its experience, innovative attitude and world-wide network, MOSO® is recognized as the global A-brand in bamboo products. The proof is the impressive list of references and clients such as Madrid Airport, BMW, AkzoNobel, Texaco, Guggenheim Museum, Rabobank, United Nations (FAO), and CitizenM Hotels. For an overview of our references and clients please visit our website: www.moso-bamboo.com/references.
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