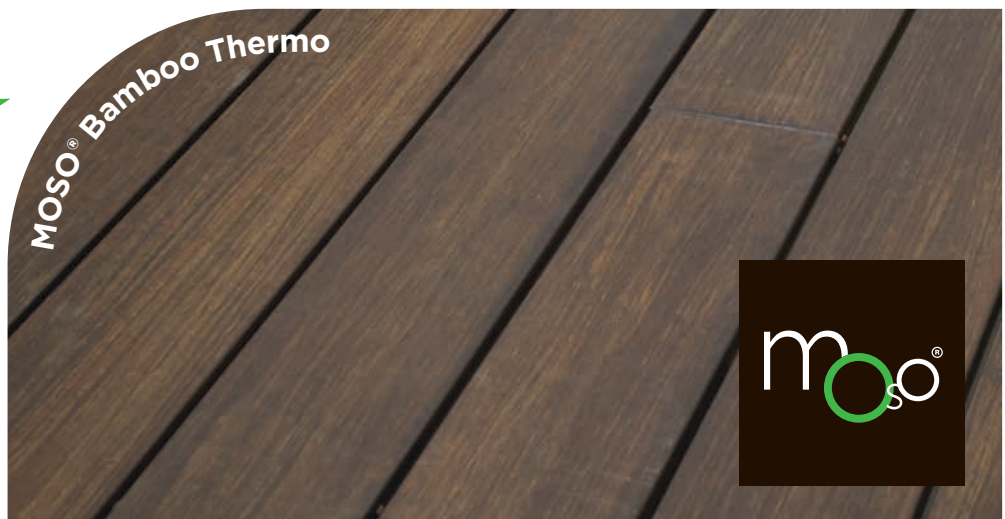


MOSO® Bamboo Outdoor Lumber

Beautiful, elegant and sustainable outdoor products

MOSO® Bamboo N-durance®

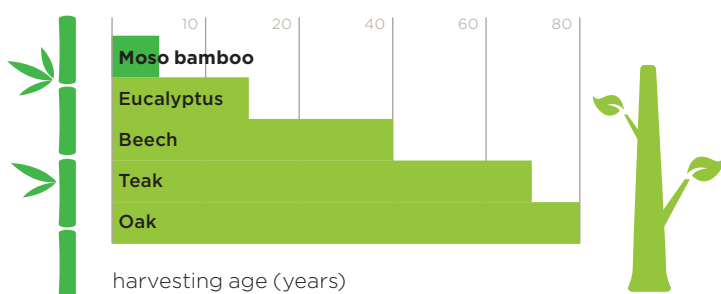
📷 Pedro Machado



The sustainability of MOSO®

Bamboo Outdoor Lumber:

MOSO® Bamboo Thermo and N-durance® offer sustainable advantages. The inclusion of Bamboo Outdoor Lumber on a project contributes to a higher LEED, BREEAM, and Green Star certification score for green building projects. That's one of the reasons why you can find MOSO® Outdoor Lumber and other MOSO® Bamboo Products in many sustainable reference projects all over the world.



Unsurpassed growing speed

Bamboo: the fastest growing plant in the world

Because of the fast growth, bamboo is managed as an agricultural crop: the annual harvest of the 4 to 5-year-old stems – compared to 60-80 years for tropical hardwood! – provides a steady annual income to farmers and stimulates the bamboo plant to reproduce even faster. Therefore, by default, no deforestation occurs with production of MOSO® Bamboo Products, while large amounts of CO₂ are captured in the bamboo forests and products (www.inbar.int/understanding-bamboos-climate-change-potential).

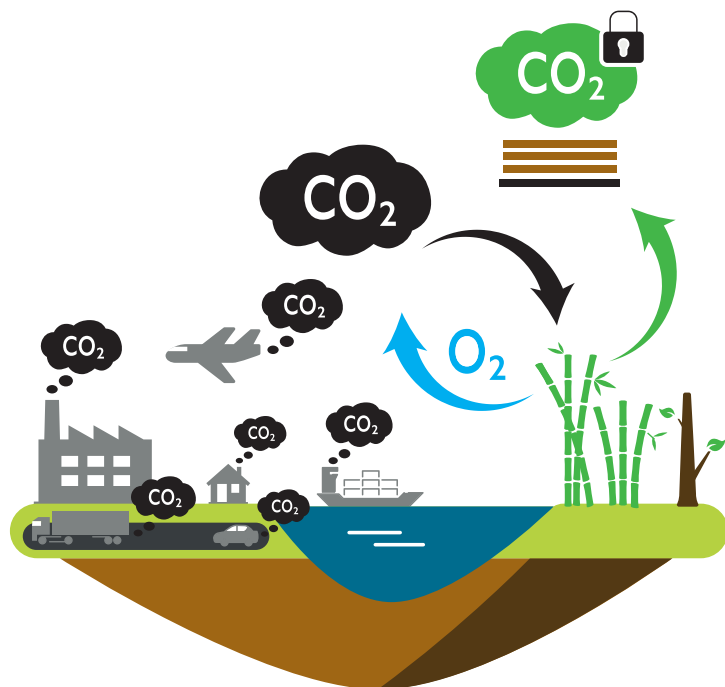
Carbon storage in bamboo

Biobased materials act as CO₂ sinks

Through photosynthesis, plants absorb carbon dioxide (CO₂) and convert it into glucose (building block for biomass) and oxygen. The CO₂ is stored in the material for the lifetime of the product, and even longer if the product is recycled into new, durable products. Due to the fast growth – and related high yields – Moso bamboo locks far more CO₂ in durable products compared to wood species.

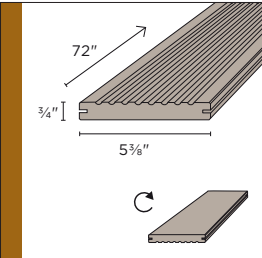
The amount of CO₂ that is locked in the end products can be calculated. For example, MOSO® Bamboo Thermo locks 104 lbs. of CO₂ per ft³ of material, which is almost* equivalent to the CO₂ emitted by an average passenger vehicle during a trip from San Diego to Los Angeles!

*) equivalent to the emissions of 118 miles, where San Diego to Los Angeles is 121 miles.

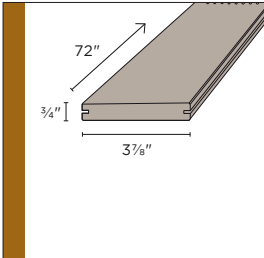


MOSO® Bamboo Outdoor Profiles

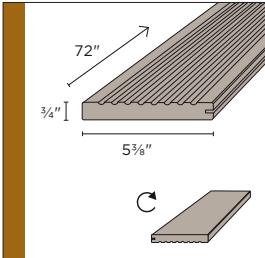
MOSO® Bamboo Thermo Decking



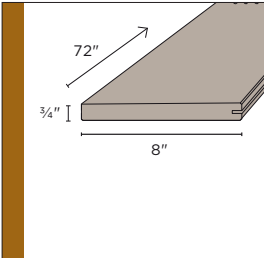
1x6x6 Field Decking
BX2-DK166G-R-UF



1x4x6 Field Decking
BX2-DK146G-UF



1x6x6 Perimeter board
BX2-DK166G1-R-UF

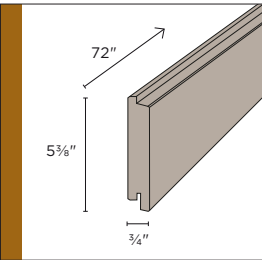


1x8x6 Perimeter / Fascia board
BX2-DK186G1-UF

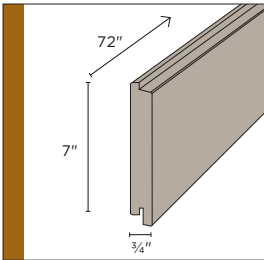


8" wide board for use as
perimeter board or Fascia.

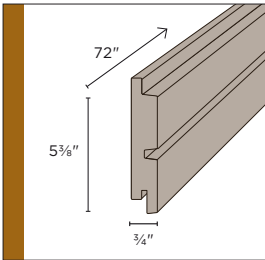
MOSO® Bamboo Thermo Siding



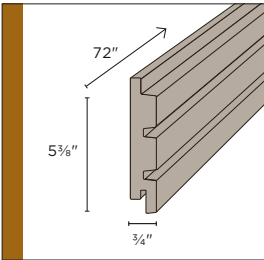
1x6x6 Dutchlap Siding
BX2-CL166G-DL-UF



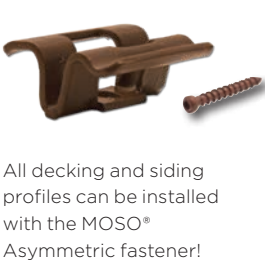
1x6x6 Dutchlap Siding
BX2-CL176G-DL-UF



1x6x6 Double Fluted Siding
BX2-CL166G-FL2-UF

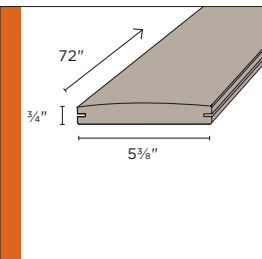


1x6x6 Triple Fluted Siding
BX2-CL166G-FL3-UF

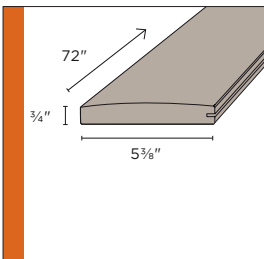


All decking and siding
profiles can be installed
with the MOSO®
Asymmetric fastener!

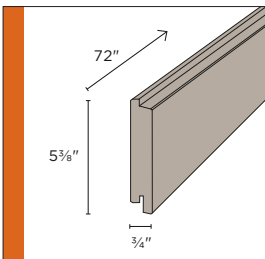
MOSO® Bamboo N-durance® Rain-Shed Decking



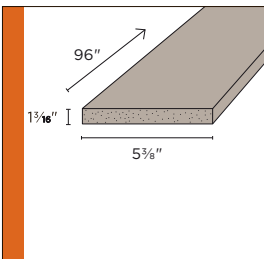
1x6x6 Field Decking
BND-DK166G-C-W01



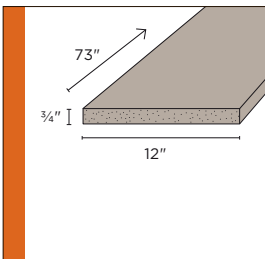
1x6x6 Perimeter board
BND-DK166G1-C-W01



1x6x6 Dutchlap Siding
BND-CL166-DL-W01



5/4x6x8 Stock Lumber
BND-LU5468-W01



1x12x6 Stock Lumber
BND-LU1126-W01

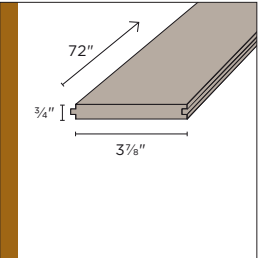
MOSO® Bamboo Deck & Siding Boards are 6ft long

This makes them ideal for all jobsite conditions, hard access, rooftops, and everything in between. 16" joist centers are not an issue for decking nor siding since MOSO® Bamboo Outdoor Boards are extremely rigid and feature a structural tongue & groove end-match system allowing the installer to seam boards off-joist. Estimate based on square footage because board length doesn't matter.

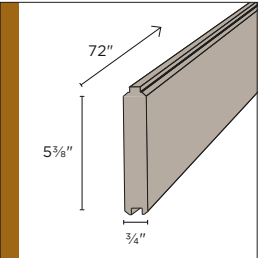


MOSO® Bamboo Outdoor Profiles

MOSO® Bamboo Thermo Tongue & Groove

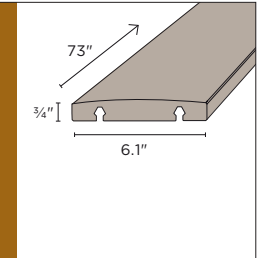


1x4x6 T&G
BX2-LU146TG-UF



1x6x6 T&G
BX2-LU166TG-UF

MOSO® Bamboo Thermo Specialty



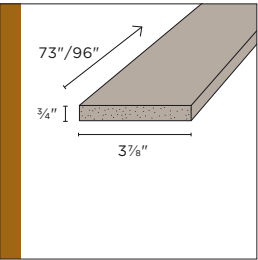
1x6x6 Grad® Decking
BX2-DK166BG-C-UF*

*) Compatible
with the Grad®
installation system.

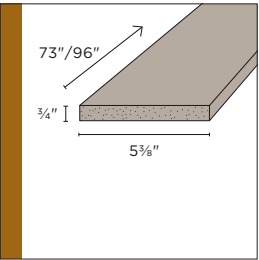


Bamboo Pro-Plugs
available for face fastening lumber

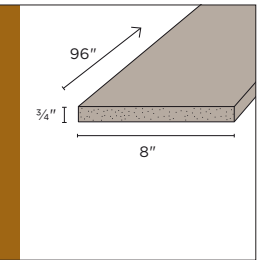
MOSO® Bamboo Thermo Square Stock Lumber



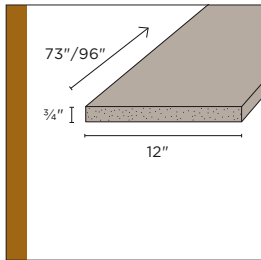
1x4x6 Stock Lumber
BX2-LU146-UF
1x4x8 Stock Lumber
BX2-LU148-UF*



1x6x6 Stock Lumber
BX2-LU166-UF
1x6x8 Stock Lumber
BX2-LU168-UF*



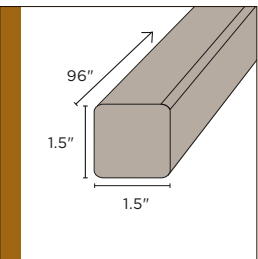
1x8x8 Stock Lumber
BX2-LU188-UF*



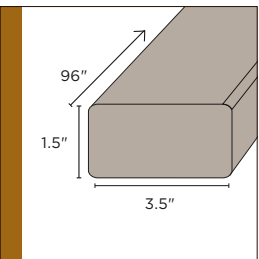
1x12x6 Stock Lumber
BX2-LU1126-UF
1x12x8 Stock Lumber
BX2-LU1128-UF*

*) 8ft Square Stock
only available in
California, Oregon
and Colorado.

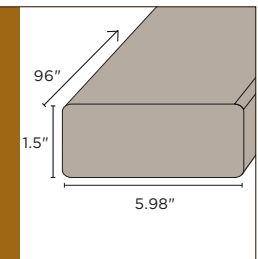
MOSO® Bamboo Thermo Square Stock Lumber



2x2x8 Stock Lumber
BX2-LU228-UF

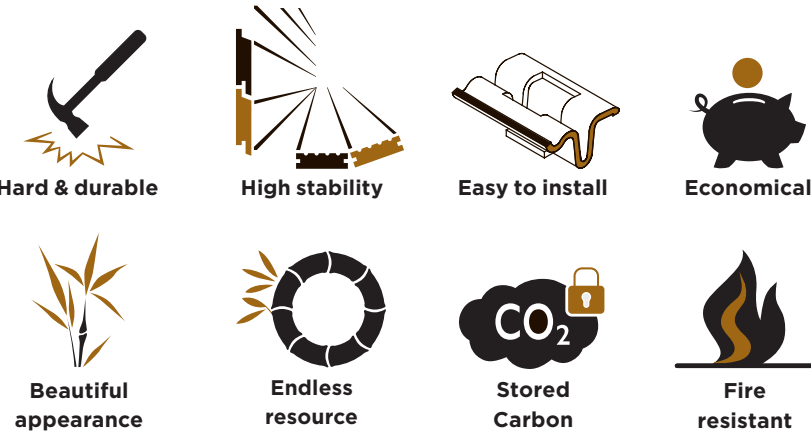


2x4x8 Stock Lumber
BX2-LU248-UF



2x6x8 Stock Lumber
BX2-LU268-UF

MOSO® Bamboo Outdoor Benefits



Discover MOSO® Bamboo Outdoor Lumber

Outdoor bamboo products for residential and commercial use. Natural MOSO® Bamboo Decking, Rainscreen Siding, Soffit, Tongue & Groove, and Square Stock with exceptional performance that is sustainably sourced and ethically produced.

Bamboo Benefits:

- ✓ Harder than many outdoor-rated exotic hardwoods and other thermally modified lumbers
- ✓ Sustainable harvesting practices
- ✓ Large amounts of carbon storage
- ✓ Superior dimensional stability
- ✓ Structural end-match system
- ✓ Quick & Economical installation
- ✓ Highest durability Class 1
- ✓ Class A fire rating
- ✓ 25 year guarantee

MOSO® Bamboo Thermo

MOSO® Bamboo Thermo is a solid, Thermo-Density® engineered lumber, made from compressed bamboo strips. A special process, involving thermal modification (at 392F/200C) and high pressure, provides MOSO® Bamboo Thermo with impressive hardness and stability. The performance and weathering properties of MOSO® Bamboo Thermo are very similar to outdoor-rated exotic hardwoods.

Care and cleaning

Under the influence of wind, rain, frost, and sunshine (UV) the MOSO® Bamboo Thermo will weather. Unfinished MOSO® Bamboo Thermo should be treated with an exterior penetrating oil finish a few weeks after installation. MOSO® recommends cleaning the deck with Messmer's Wood & Deck Cleaner or other oxalic acid based cleaner. Annual cleaning and maintenance of your MOSO® Bamboo Thermo Lumber is recommended.

Bamboo looks:

- ✓ MOSO® Bamboo Outdoor Lumber is a natural product, which can vary in color, grain and appearance.
- ✓ Color will change over time depending on the maintenance schedule.
- ✓ Bamboo Thermo has a brown to dark brown color when installed, which turns into a lighter brown color several weeks after installation. Without further maintenance the color becomes greyish relatively fast (similar to most other wood species).
- ✓ Bamboo N-durance® has a pleasant caramel color, which will fade slightly with UV exposure. Annual cleaning and oiling will maintain its beautiful and unique appearance.

MOSO® Bamboo N-durance®

MOSO® Bamboo N-durance® is a solid, Outdoor-Density® board, made from compressed bamboo strips. Bamboo N-durance® has a warm, amber color, resulting from a steam-pressure treatment of the bamboo material. The performance and weathering properties of MOSO® Bamboo N-durance® are also very similar to outdoor-rated exotic hardwoods.

Care and cleaning

Unlike Thermo, annual oiling of N-durance® is required. The factory applied finish is Woca Exterior Oil (color: Teak). If Woca products are not available in your area, any penetrating exterior wood oil in the color of your choice is acceptable.



The building material of the future

MOSO® Mastering Bamboo

Endless possibilities with MOSO® Bamboo Products:

MOSO® develops and creates bamboo products for interior and exterior applications that meet the highest technical requirements and quality standards, enhance the beauty of applications and are made from the sustainable, renewable resource: Moso bamboo.

With over 25 years' experience in the relatively young bamboo industry, MOSO® is recognised as the **global A-brand** in bamboo because of its focus on product **quality**, **innovation** and **sustainability**. With an international team and partners in more than 60 countries, MOSO® is continuously looking for new applications and solutions that can be made with the fastest growing plant of the world. The proof is the impressive list of reference projects showcasing **endless possibilities** with MOSO® Bamboo Products.

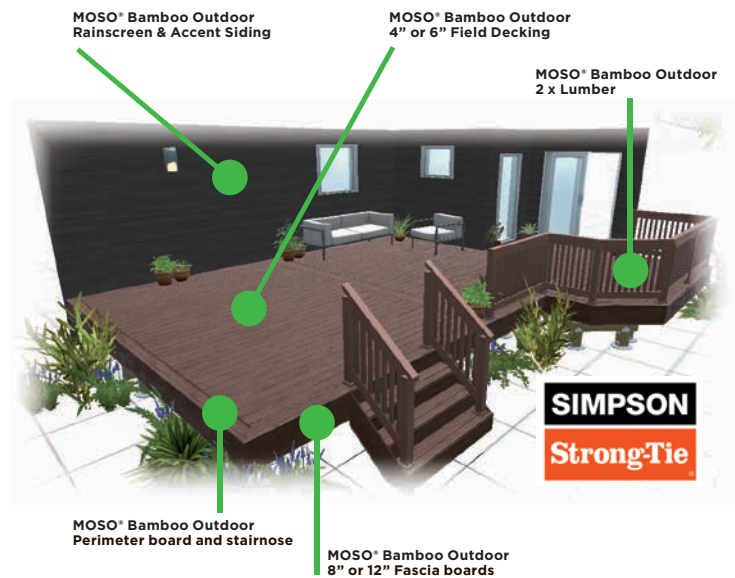
Besides MOSO® Bamboo Outdoor products, MOSO® offers a very broad assortment of **Bamboo Flooring, Panels, Beams and Veneer** in various sizes, thicknesses, colours and textures. These products are used worldwide in various applications ranging from wall covering, ceilings, window frames and doors to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



See the ease of installation, cleaning and maintenance of **MOSO® Bamboo Outdoor Lumber**



How to buy **MOSO® Bamboo Outdoor Lumber?**
Check our website to discover the different purchasing channels
www.moso-outdoor.com/how-to-buy



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Lansdale PA

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T +1 855 343 8444
info@moso-bamboo.com

Headquarters:

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Adam Smithweg 2
1689 ZW Zwaag
The Netherlands
T +31 (0)229 26573

Design your MOSO® Bamboo Deck using the Simpson Strong-tie® deck planner. Create detailed renderings and complete materials lists. Even see what your weathered deck will look like in the future!



Mastering
bamboo

www.moso-outdoor.com