

**MOSO<sup>®</sup>**  
**bamboo**  
the next  
flooring  
generation





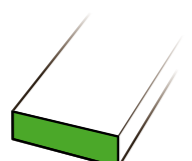
**presenting  
the fastest  
growing plant  
in the world**

## stem to strip

After harvesting, the mature bamboo stems are split in longitudinal direction and the outer skin is removed. The strips naturally have a light yellow colour (natural), but can be steamed for a light brown colour (caramel) or thermally treated for a dark brown colour (chocolate).

## strip to floor

After treating and drying, the strips are ready to be connected in several ways to make the final product:



### Plain Pressed

Strips are placed horizontally and glued together to create a wide line pattern with the characteristic bamboo nodes clearly visible.



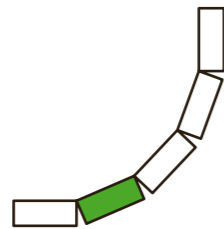
### Side Pressed

Strips are placed vertically and glued together to create a narrow line pattern with the bamboo nodes visible in a subtle way.



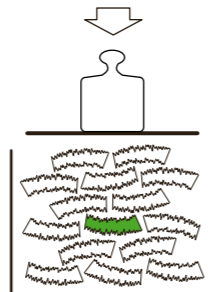
### Flexible

Strips are connected to a flexible latex backing. The latex backing makes it very comfortable to walk on and offers excellent sound absorption characteristics.



### High Density\*

Strips are compressed and glued under high pressure, creating an elegant random line pattern. The result is a floor that is even harder than the best tropical hardwood species.



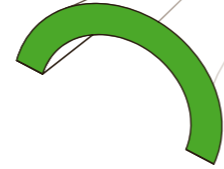
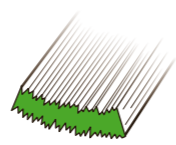
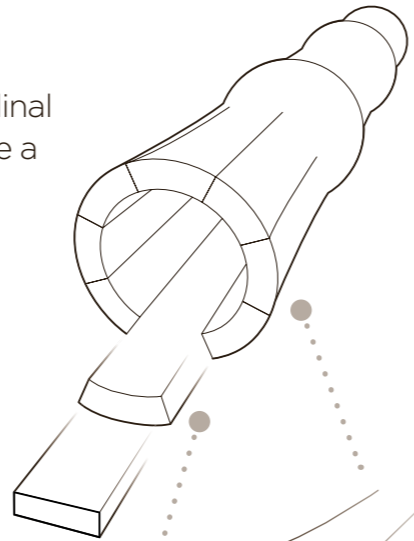
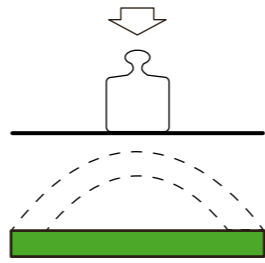
### extra hard

In the brochure the High Density\* variation is indicated by a hammer.



### Forest

The bamboo stem is flattened through a special process to create the top layer of a solid bamboo board. The result is a very strong and hard floor with the unique, original look of the bamboo stem.



# ready for harvest after 5 years



# MOSO® bamboo benefits



**CO<sub>2</sub> neutral**  
All solid MOSO® bamboo floors are officially assessed to be CO<sub>2</sub> neutral or better over the complete lifecycle.



**healthy**  
As a product from nature, MOSO® bamboo floors are anti-static and anti-allergic, and thus facilitate a healthy indoor environment.



**hard & durable**  
With a hardness and density similar to the best hardwood floors, MOSO® bamboo floors are suitable for use even in heavy duty applications.



**warranted quality**  
MOSO bamboo® floors are of the highest quality and come with a product guarantee of up to 30 years.



**endless resource**  
With a growing speed of up to 1 meter per day, Moso bamboo is the fastest growing plant on earth.



**high stability**  
Because of the composition of individual strips, MOSO® bamboo flooring will shrink and swell less than solid wood species, providing a more stable floor.



**vast choice**  
MOSO® bamboo floors are available in a large variety of configurations, styles and colours to cater to anyone's preferences.



**natural beauty**  
Inspired by nature, MOSO® bamboo floors are not only a conscious choice but also a stylish one.

# even harder than oak





## grand collection

The Grand Collection provides **long** and **wide** floors for a 'spacious' and luxurious look, with relatively **quick installation**.

page 10

## eternal collection

The Eternal Collection features the **strongest** and most **robust** floors MOSO® has to offer, suitable for use in even the **toughest commercial** applications.

page 20

## dynamic collection

The Dynamic Collection offers an **economical** range of **easy to install** floors, available in a **vast range of colours, sizes and styles** fitting the latest trends.

page 28

## outdoor collection

The Outdoor Collection offers an **ecological, stable** and **durable** alternative for increasingly scarce tropical hardwood for exterior applications.

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# MOSO<sup>®</sup> grand collection

The Grand Collection was specially developed for customers that appreciate the aesthetics of **large boards** for a **spacious** and **exclusive** look. Because of the large size of the boards, the installation can be done relatively fast.

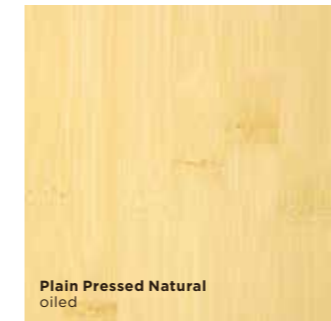
bambooeelite  
bamboosolida  
bambooplex  
bamboonoble



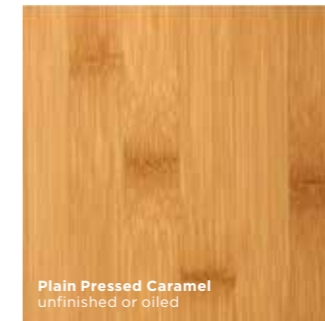
## MOSO® bamboelite

### Long and wide boards - 100% bamboo

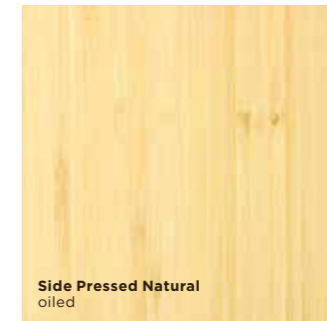
MOSO® Bamboo Elite is a floor board which is relatively long and wide (compared to other MOSO® floors) and is made from three layers of solid bamboo. The middle layer of Bamboo Elite is pressed cross wise to maximise the stability.



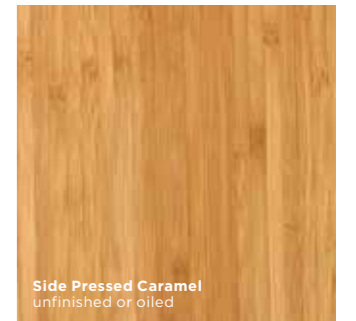
**Plain Pressed Natural**  
oiled



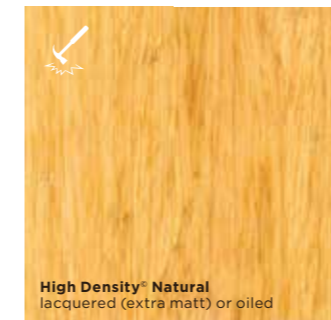
**Plain Pressed Caramel**  
unfinished or oiled



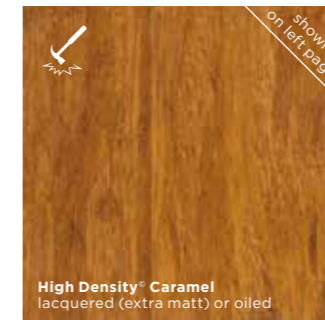
**Side Pressed Natural**  
oiled



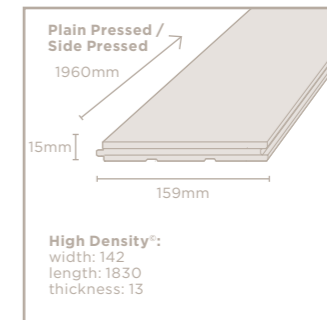
**Side Pressed Caramel**  
unfinished or oiled



**High Density® Natural**  
lacquered (extra matt) or oiled

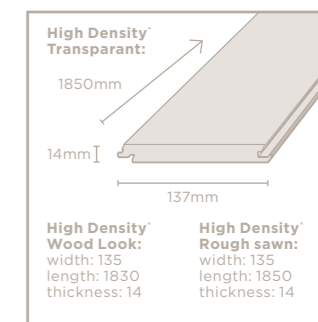
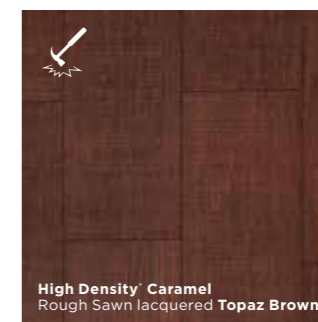
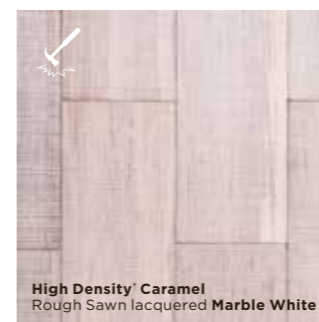
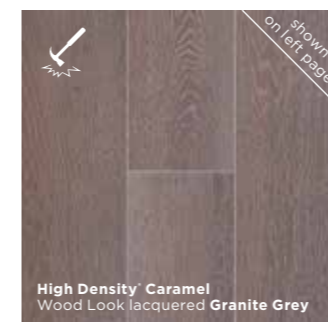
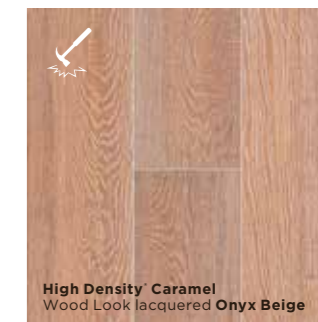
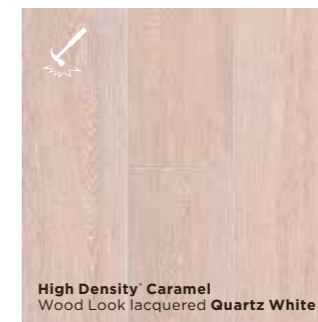
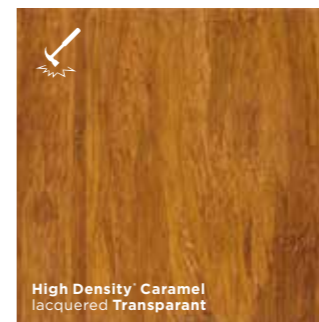
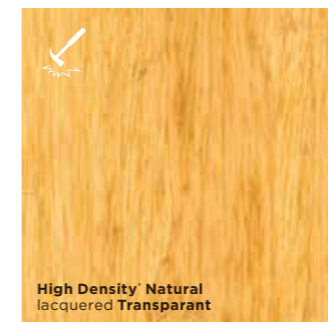


**High Density® Caramel**  
lacquered (extra matt) or oiled



Hard as stone, beautiful as wood

MOSO® Bamboo Solida is a large board with a similar appearance to solid wood. It is made out of one solid layer of the extra hard High Density® bamboo, and comes with various surface treatments for an even more wood “look and feel”. The boards are equipped with a click system for easy installation.



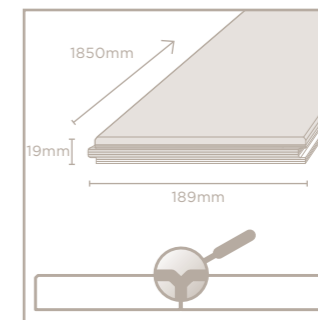
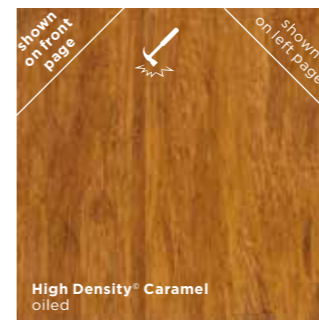
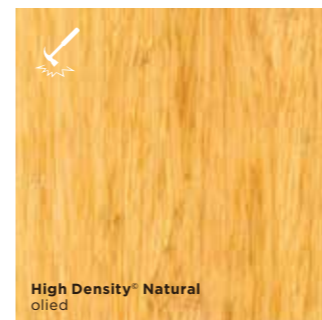




## MOSO® bambooplex

### Long and wide boards with V-groove

MOSO® Bamboo Plex is a long and wide floor board made from a thick bamboo top layer and a multiplex sub layer. With this construction, the floor board is very stable and with the thick top layer also very durable. The big bevel (on the length side) of the board creates a beautiful V-groove once installed.

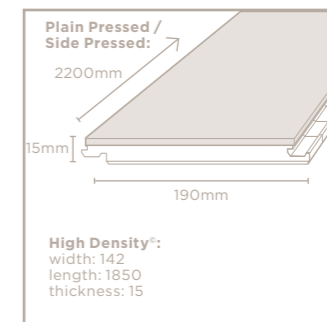
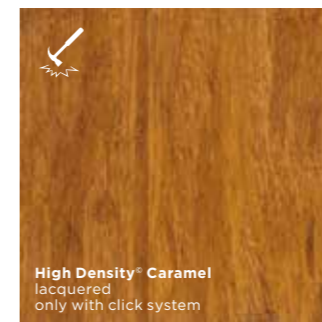
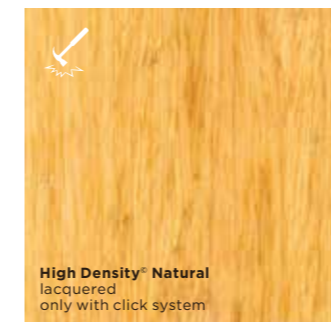
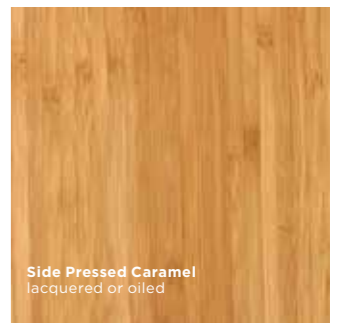
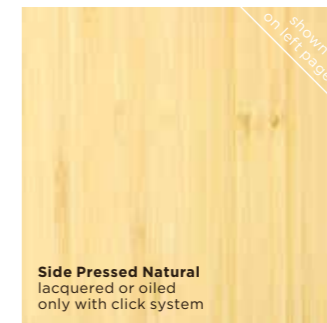
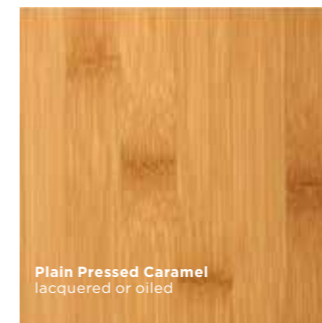




## MOSO® bamboonoble

Long and wide with extra option: installation without glue

MOSO® Bamboo Noble is, together with MOSO® Bamboo Plex, the widest flooring board MOSO® has to offer. MOSO® Bamboo Noble consists of 3 layers, with a bamboo top layer. The other layers are made of soft wood, the middle layer being cross pressed to maximise stability. In addition to the normal tongue and groove connection, the boards are also available with a “click” system which facilitates installation without using glue.



# MOSO® eternal collection

The Eternal Collection provides the **strongest** and most **robust** floors in the MOSO® assortment. For customers that are searching for a **lifelong** flooring solution, a floor from the Eternal Collection will be the best choice. MOSO® Eternal floors are even suitable for use in the **toughest** applications for the **professional** market.

**bamboosupreme**  
**bambooforest**  
**bambooindustriale**



AkzoNobel Head Office Amsterdam  
Design: GROUP A  
Photography: Frank Hanswijk

# MOSO® bamboosupreme

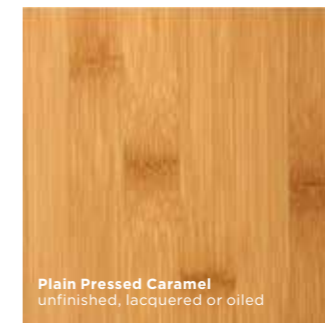
► [www.moso.eu/bamboo-supreme](http://www.moso.eu/bamboo-supreme)

## Perfect compromise between durability and stability

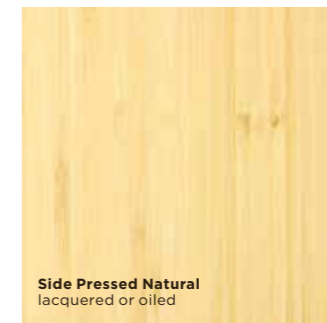
MOSO® Bamboo Supreme is made from two layers of bamboo, with a 4 mm toplayer and a cross pressed bamboo backing. The total thickness is 10 mm which is relatively thin compared to other wood floors. However, as with any wood species the basic rule is: the thicker, the less stable the wood (shrink/swell). The 10 mm thickness and 4 mm toplayer is an ideal compromise between durability and stability and therefore offers a perfect solution for heavy duty applications, like installation on floor heating and/or installation in heavy traffic areas.



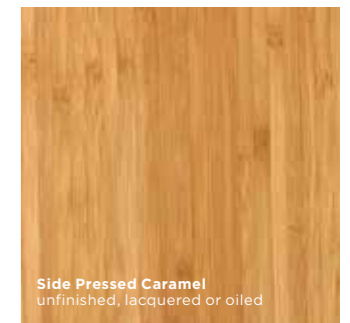
**Plain Pressed Natural**  
lacquered or oiled



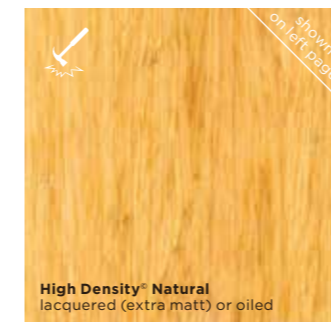
**Plain Pressed Caramel**  
unfinished, lacquered or oiled



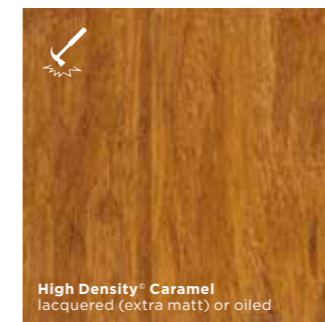
**Side Pressed Natural**  
lacquered or oiled



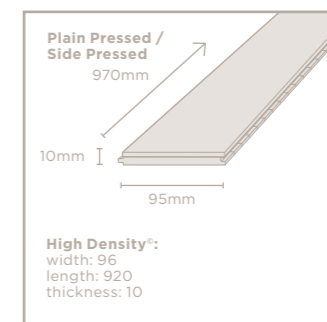
**Side Pressed Caramel**  
unfinished, lacquered or oiled



**High Density® Natural**  
lacquered (extra matt) or oiled



**High Density® Caramel**  
lacquered (extra matt) or oiled

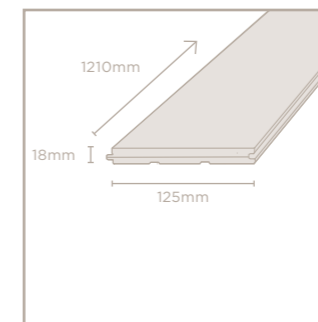
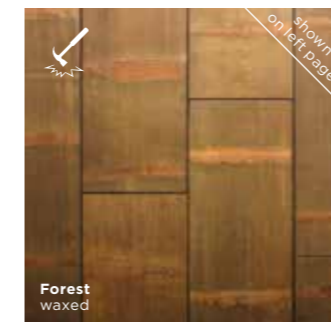




## MOSO® bambooforest

### Bringing the bamboo forest to your floor

MOSO® Bamboo Forest is the most authentic bamboo floor imaginable. For this unique product the bamboo stem is flattened with a special process to create the top layer of a three layer solid bamboo floor board. The result is a very robust floor with the natural beauty and original look of the bamboo plant. The surface of the floor consists of the stony bark of the bamboo stem, which is so hard and wear resistant that no oil or lacquer finish is required.





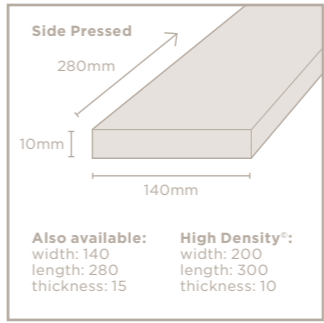
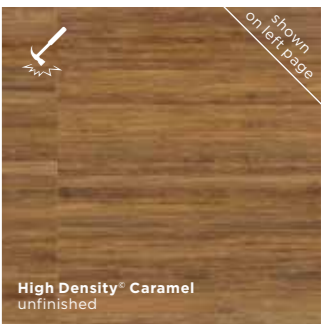
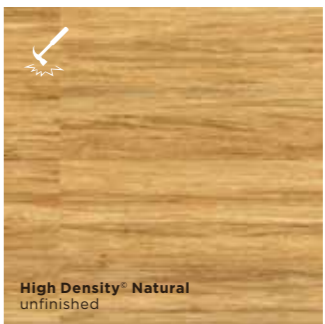
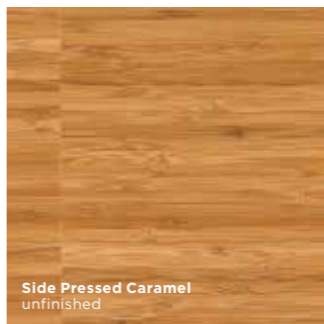
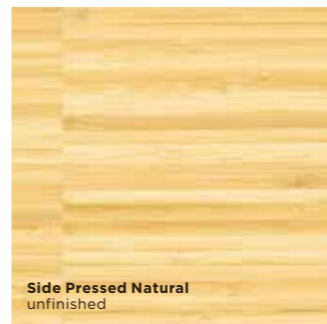
**Ricoh Office Bergen op Zoom**  
 Design: Grasso den Ridder Architecten  
 Photography: Stijnstijl Fotografie

# MOSO® bambooindustriale

► [www.moso.eu/bamboo-industriale](http://www.moso.eu/bamboo-industriale)

## Striking look and strength

MOSO® Bamboo Industriale consists of small floor 'boards' made from short solid bamboo strips, creating the specific industrial look. The 'boards' are in fact blocks of strips bundled together with tape (so no glue is used in the product itself!). The floor installer glues them on the subfloor, sands off the tape, fills the gaps and finishes the surface. Being made of such small strips, the floor is very stable - making it the perfect solution for application on floor heating. This floor has the thickest wear layer of all MOSO® floors: up to 15 mm!



# MOSO® dynamic collection

The Dynamic Collection provides an **economical** choice for customers that want a floor which is **easy to install**. Even though these are not the most expensive floors in the MOSO® range, it does not mean they are of a lesser quality or offer less choice. In fact, the Dynamic Collection offers the **widest range** of possibilities in colour, size and style, fitting the latest trends.

purebamboo  
topbamboo  
unibamboo  
flexbamboo



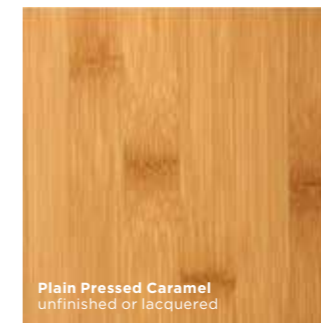
# MOSO® purebamboo

## Economical and 100% bamboo

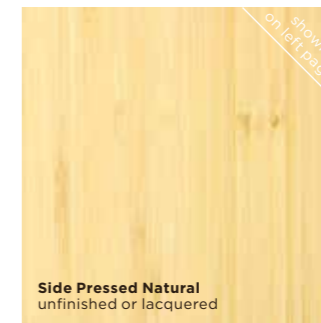
MOSO® Purebamboo is entirely made of solid bamboo, either with strips pressed together horizontally (Plain Pressed), vertically (Side Pressed) or compressed (High Density®). This floor type is a good solution when an economical but high performance bamboo floor is required. Purebamboo (in plain pressed version) was the first bamboo floor ever – all other bamboo floors have been derived from this classic version.



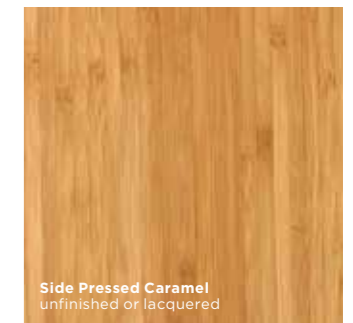
**Plain Pressed Natural**  
unfinished or lacquered



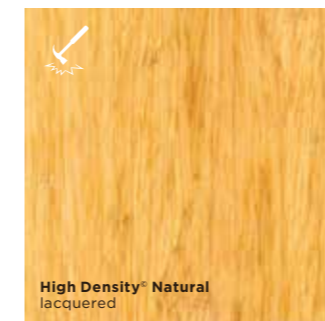
**Plain Pressed Caramel**  
unfinished or lacquered



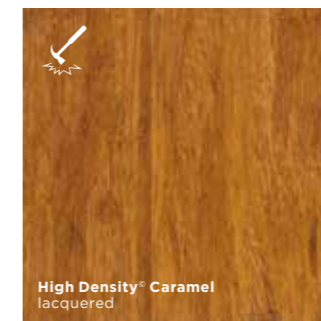
**Side Pressed Natural**  
unfinished or lacquered



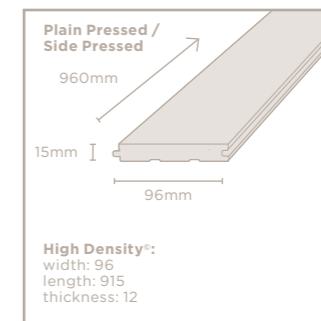
**Side Pressed Caramel**  
unfinished or lacquered



**High Density® Natural**  
lacquered



**High Density® Caramel**  
lacquered





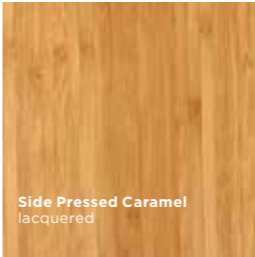
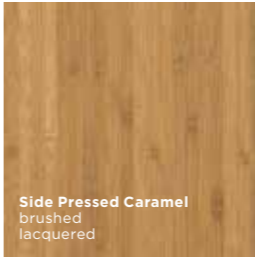

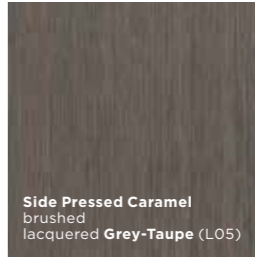
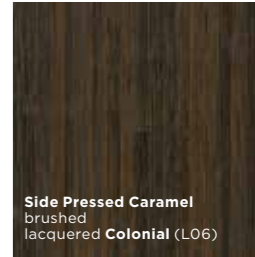
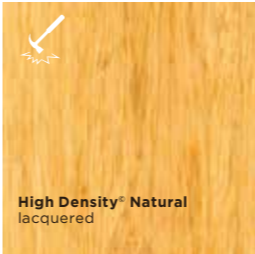
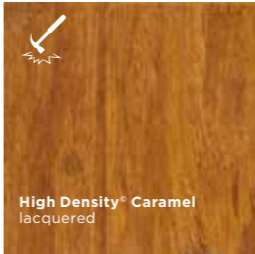
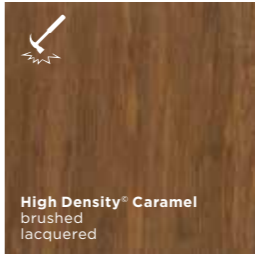

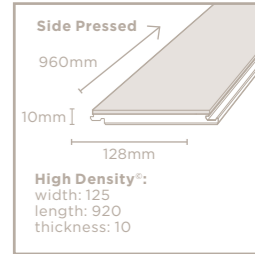


# MOSO® topbamboo

► [www.moso.eu/topbamboo](http://www.moso.eu/topbamboo)

## Versatile and easy to install

MOSO® Topbamboo consists of a top layer of bamboo combined with HDF (High Density Fibre board) as the core and a softwood backing. Because of this construction, the product is very stable, while the click system makes it very easy to install (no glue needed). Topbamboo is available in a large variety of fashionable colours and finishes, including brushed and stained versions.

|  |  |   |  |   |
|--|--|---|--|---|
| <br>Side Pressed Caramel<br>lacquered          | <br>Side Pressed Caramel<br>brushed<br>lacquered | <br>Side Pressed Caramel<br>brushed<br>lacquered <b>White (L02)</b> | <br>Side Pressed Caramel<br>brushed<br>lacquered <b>Grey-Taupé (L05)</b>     | <br>Side Pressed Caramel<br>brushed<br>lacquered <b>Colonial (L06)</b>  |
| <br>High Density® <b>Natural</b><br>lacquered | <br>High Density® <b>Caramel</b><br>lacquered   | <br>High Density® <b>Caramel</b><br>brushed<br>lacquered           | <br>High Density® <b>Caramel</b><br>brushed lacquered<br><b>White (L02)</b> | <br><b>Side Pressed</b><br>960mm<br>10mm<br>128mm<br><b>High Density®:</b><br>width: 125<br>length: 920<br>thickness: 10 |

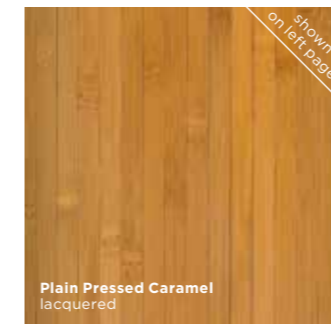


# MOSO® unibamboo

► [www.moso.eu/unibamboo](http://www.moso.eu/unibamboo)

## Flexible and colourful

MOSO® Unibamboo combines the virtues of carpet / vinyl with the charm of bamboo. In this innovative product, thin bamboo strips are pressed on a latex backing, providing a flexible, light, sound absorbing, economical flooring solution which is available in tiles or boards in a broad assortment of colours and sizes. Because of its limited thickness it is perfect for installation on top of existing floors, therefore ideal for renovation projects.



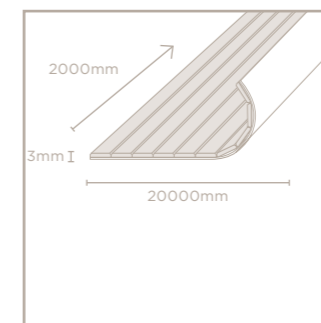
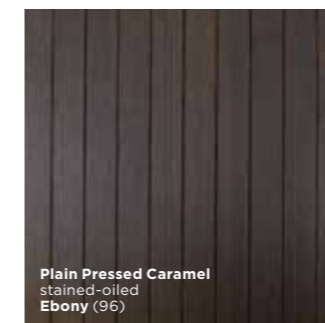
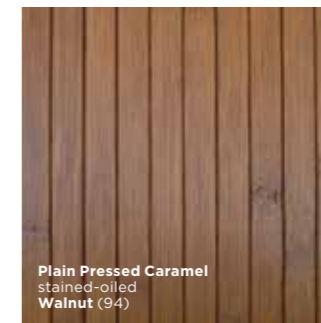
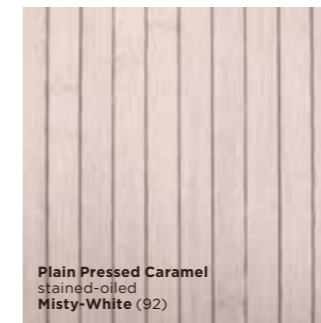
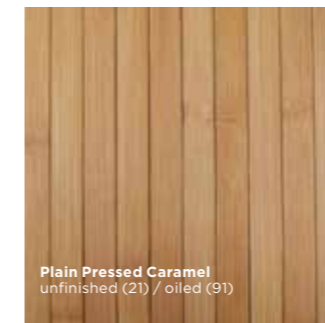


# MOSO® flexbamboo

► [www.moso.eu/flexbamboo](http://www.moso.eu/flexbamboo)

## Bamboo rolled into your room

MOSO® Flexbamboo is made by connecting thin bamboo strips to a flexible latex backing and comes in rolls. The latex backing makes it very comfortable to walk on. Flexbamboo offers excellent sound absorption characteristics at a very economical price. The product is finished with a high quality UV cured oil (Saicos®) and is available in 5 trendy colours.



# MOSO® outdoor collection

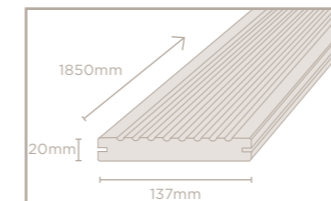
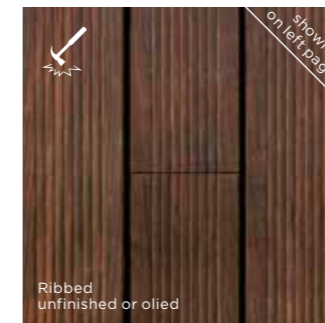
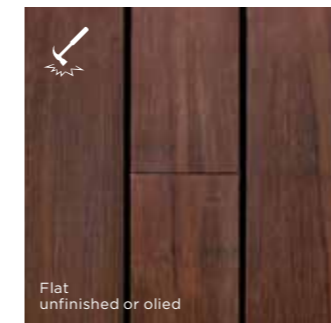
With the introduction of the Outdoor Collection, MOSO® has developed a truly **ecological** and **durable** alternative for increasingly scarce tropical hardwood. MOSO® uses a unique patented process to alter the **hardness**, **dimensional stability** and **durability** to a level **superior** to the best tropical hardwood species.

# bamboox-treme®

# MOSO® bamboox-treme®

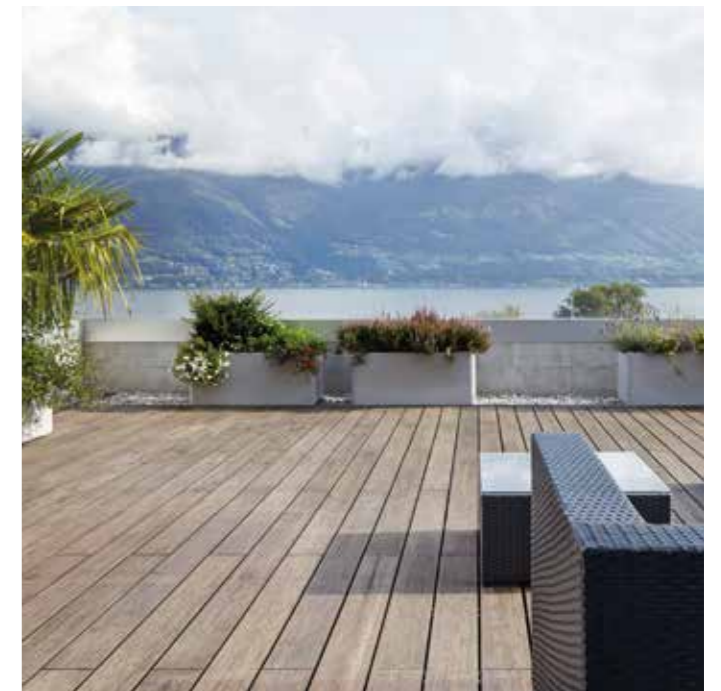
## The next generation in decking

MOSO® Bamboo X-treme® is a solid, high density bamboo board, made from compressed bamboo strips. Bamboo X-treme® is suitable for outdoor applications, especially as decking. A special, patented heat treatment process provides Bamboo X-treme® the highest durability class possible in the appropriate EU norms\* and increases the density - making it very hard. The special symmetrical shape of the sides offers the possibility to choose between either the ribbed or the flat surface, and allows for quick installation with fasteners. Like any untreated tropical hardwood species, when exposed to outdoor circumstances, Bamboo X-treme® will turn grey over time creating a very natural look (see right bottom picture).



**Also available:**  
width: 155mm    width: 178mm  
length: 1850mm    length: 1850mm  
thickness: 20mm    thickness: 20mm

\*Class 1 for EN350 tested following ENV807 (simulated graveyard test), Class 0 for EN152 and Class 4 for EN335

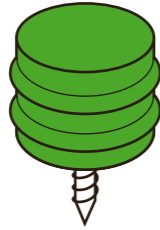


## MOSO® bamboo flooring accessories

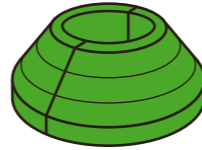
MOSO® offers a full array of bamboo accessories for a sophisticated finishing touch to the MOSO® floor of your choice.



**stair nose**  
10, 13, 15 or 18 mm thickness  
Available in various finishes



**door stopper**  
32 mm diameter  
34 mm high



**radiator pipe rosette**  
50 mm (diameter) x 18 mm (high), 16 mm hole  
55 mm (diameter) x 20 mm (high), 22 mm hole



**skirting strip**  
25x5mm  
attach to floor



**solid skirting board**  
68/50 x 15mm  
attach to wall  
Bamboo Forest: 60x18 mm



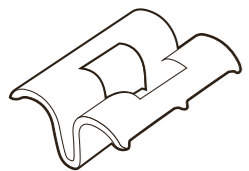
**veneered skirting board**  
40x22 mm  
attach to wall



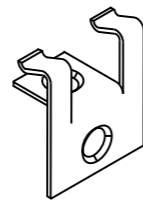
**veneered skirting board**  
45x22 mm  
attach to wall



**veneered skirting board**  
60x15 mm  
attach to wall



**MOSO® Bamboo X-treme fasteners and screws**  
brown stainless steel  
fastener: 27x22.5x10.8 mm  
screw: 4.5x30 mm



**MOSO® Bamboo X-treme fastener starter/end and screws**  
brown stainless steel  
fastener: 27x17x31 mm  
screw: 4.5x30 mm

# choose your MOSO® bamboo floor

Do you want to know which MOSO® bamboo flooring fits best to your needs? You can see the **characteristics** of the different flooring collections at a glance, with our **MOSO® Floorselector**.

| Indicator  | Important to know   | dynamic collection   |   |   |
|--|---|--|---|---|
|  |   | purebamboo   | topbamboo   | unibamboo / flexbamboo  |
| Floor heating / floor cooling*   | Thinner = better, because less shrink/swell. Also denser = better (so HD version) because it transmits the heat better. Floor should always be glued fully on subfloor. For cooling: anti condensation device should be installed.          | <input checked="" type="checkbox"/> Micro bevel (prefinished version) hides small seams which can occur using floor heating.       | <input checked="" type="checkbox"/> Not easy glueing to subfloor because of clicksystem.  | <input type="checkbox"/> Not possible because latex backing can not stand heat.   |
| Wet rooms, such as a bathroom /Spa   | Bamboo is a very stable material but if water gets between the floor boards, into the material, it will lead to problems. Advice: use unfinished versions and lacquer at site to close the surface. Fully glueing to subfloor is necessary. | <input checked="" type="checkbox"/> Advice: choose unfinished and finish at site.  | <input checked="" type="checkbox"/> Not easy glueing to subfloor because of clicksystem.  | <input type="checkbox"/> Not advised because open surface, easy to absorb water.  |
| Floating installation (= not glued to subfloor) vs. fully glued installation | Bamboo has a good stability but will shrink/swell because of changing humidity. Always put a 10 mm perimeter around the floor. With a bigger perimeter, the (floating) surface can be bigger.   | <input checked="" type="checkbox"/> Can be installed floating: max width x length room: 5x12 m.                                    | <input checked="" type="checkbox"/> Can be installed floating: max width x length room: 7x12 m.                                 | <input type="checkbox"/> Has to be fully glued to subfloor always. Check the Uni/ Flexbamboo glue advice (www.moso.eu). |
| Big surface (>85 m²) installed without gaps between different areas          | Bamboo has a good stability but will shrink/swell because of changing humidity. For big floors fully glueing to subfloor is advised. Subfloor must be dry/clean/flat!   | <input checked="" type="checkbox"/>  | <input checked="" type="checkbox"/> Not easy glueing to subfloor because of clicksystem.  | <input checked="" type="checkbox"/> Check the Uni/ Flexbamboo glue advice (www.moso.eu)!                                |
| Commercial use / High traffic areas  | In (heavy) commercial use it is important to have a combination of a very hard toplayer and a very strong finish. Fully glueing to subfloor is advised.   | <input checked="" type="checkbox"/> High Density* version advised / factory finish not for heavy use.                              | <input checked="" type="checkbox"/> High Density* version advised / factory finish not for heavy use, not easy glueing (click). | <input type="checkbox"/> Not advised because open surface, factory finish not for heavy use.                            |
| Simple and low-cost installation   | Depending on the type of installation, the costs for installation partly define the costs of the floor.   | <input checked="" type="checkbox"/> Must be glued in tongue and groove or fully glued to the subfloor.                             | <input checked="" type="checkbox"/> Easy to install thanks to the click system.   | <input checked="" type="checkbox"/> Relatively easy to glue down, especially in the compact size of Unibamboo.          |
| ECO certification (LEED, FSC®, BREEM required), CO₂ neutral**)               | Bamboo is an eco-friendly material, but within the MOSO range there are various 'grades' of eco, depending on the applied materials. All types are available (on request) with FSC® certificate.  | <input checked="" type="checkbox"/> Solely bamboo.   | <input checked="" type="checkbox"/> Because of HDF core not fully green.  | <input checked="" type="checkbox"/> Because of latex backing not fully green.   |
| Choice in looks  | Bamboo has a very typical look, showing the nodes of the bamboo stem. However by applying different surface treatments, like lacquering, oiling, brushing, staining, many different looks are created.                                      | <input checked="" type="checkbox"/> Natural, Caramel, Side Pressed, Plain Pressed, High Density*, unfinished, lacquered available. | <input checked="" type="checkbox"/> Natural, Caramel, Side Pressed, High Density*, brushed, stained available.                  | <input checked="" type="checkbox"/> Large choice in strip width and colors.   |
| Similarity to solid wood flooring planks                                     | Bamboo flooring planks can have a similar solid look and feel to wood flooring planks, but with a very typical surface, showing the nodes of the bamboo stem. In the HD versions the bamboo fibers look like wood grains.                   | <input checked="" type="checkbox"/> High Density* version available.   | <input checked="" type="checkbox"/> High Density* version available, however not solid (full bamboo).                           | <input type="checkbox"/> No High Density* version available.  |

| Indicator  | eternal collection  |  |  | grand collection   |  |   |   |
|--|---|--|--|--|--|---|---|
|  | bamboosupreme   | bambooforest   | bambooindustriale  | bamboosolida   | bambooeelite   | bambooplex  | bamboonoble   |
| Floor heating / floor cooling*   | <input checked="" type="checkbox"/> 10 mm thickness: the thinnest = the best stability.   | <input checked="" type="checkbox"/> Micro bevel hides small seams which can occur using floor heating. | <input checked="" type="checkbox"/> Especially 10 mm version.  | <input checked="" type="checkbox"/> Long boards can bend a bit and therefore not easy to glue down. advantage: micro bevel can hide seams.             | <input checked="" type="checkbox"/> Long boards can bend a bit and therefore not easy to glue down. micro bevel can hide seams.    | <input checked="" type="checkbox"/> Multiplex is very stable. However long boards can bend a bit and therefore not easy to glue down. | <input checked="" type="checkbox"/> Ok but all versions are sharp edged, any seams (which can be expected with FH) are visible. |
| Wet rooms, such as a bathroom /Spa   | <input checked="" type="checkbox"/> Advice: use unfinished version and finish at site. 10 mm: thinnest = the best.                        | <input type="checkbox"/> Not advised because big bevels easily absorb water.                           | <input checked="" type="checkbox"/> Especially 10 mm version.  | <input type="checkbox"/> Not advised because no unfinished version available.  | <input checked="" type="checkbox"/> Advice: choose unfinished and finish at site.  | <input type="checkbox"/> Not advised because no unfinished version available. big bevels easily absorb water.                         | <input type="checkbox"/> Not advised because no unfinished version available.   |
| Floating installation (= not glued to subfloor) vs. fully glued installation | <input type="checkbox"/> Has to be fully glued to subfloor always.  | <input checked="" type="checkbox"/> Can be installed floating: max width x length room: 6x12 m.        | <input type="checkbox"/> Has to be fully glued to subfloor always.   | <input checked="" type="checkbox"/> Can be installed floating : max width x length room: 8x12 m.   | <input checked="" type="checkbox"/> Can be installed floating: max width x length room: 6x12 m.                                    | <input checked="" type="checkbox"/> Can be installed floating: max width x length room: 7x12 m.                                       | <input checked="" type="checkbox"/> can be installed floating : max width x length room: 7x12 m.                                |
| Big surface (>85 m²) installed without gaps between different areas          | <input checked="" type="checkbox"/> 10 mm gives best stability.   | <input type="checkbox"/>   | <input checked="" type="checkbox"/> Made of small/thin bamboo strips, so very stable.                                | <input checked="" type="checkbox"/> Long boards can bend a bit and therefore not easy to glue down. Lacquer on backside limits which glue can be used. | <input checked="" type="checkbox"/> Long boards can bend a bit and therefore not easy to glue down.                                | <input checked="" type="checkbox"/> Long boards can bend a bit and therefore not easy to glue down.                                   | <input checked="" type="checkbox"/> Click version: not easy glueing to subfloor because of clicksystem.                         |
| Commercial use / High traffic areas  | <input checked="" type="checkbox"/> High Density* version advised, factory finish = BONA 125 gr/m2 = advised for heavy traffic.           | <input checked="" type="checkbox"/> Toplayer very hard. No finish required.                            | <input checked="" type="checkbox"/> High Density* version advised. apply a strong project coating.                   | <input type="checkbox"/> Factory finish not for heavy use. not easy glueing (click).   | <input checked="" type="checkbox"/> HD version advised, factory finish not for heavy use.  | <input type="checkbox"/> Factory finish (oil) not for heavy use.  | <input checked="" type="checkbox"/> High Density* version advised, factory finish not for heavy use, not easy glueing (click).  |
| Simple and low-cost installation   | <input type="checkbox"/> Must be fully glued to the subfloor.   | <input checked="" type="checkbox"/> Must be glued in tongue and groove or fully glued to the subfloor. | <input type="checkbox"/> Must be fully glued to the subfloor.  | <input checked="" type="checkbox"/> Relatively low installation costs thanks to the click system.  | <input checked="" type="checkbox"/> Must be glued in tongue and groove or fully glued to the subfloor.                             | <input checked="" type="checkbox"/> Must be glued in tongue and groove or fully glued to the subfloor.                                | <input checked="" type="checkbox"/> Relatively low installation costs thanks to the click system.                               |
| ECO certification (LEED, FSC®, BREEM required), CO₂ neutral**)               | <input checked="" type="checkbox"/> Solely bamboo.  | <input checked="" type="checkbox"/> 100% bamboo, made with formaldehyde free glue.                     | <input checked="" type="checkbox"/> 100% bamboo, no glue applied in the product (except for High Density* versions). | <input checked="" type="checkbox"/> Solely bamboo.   | <input checked="" type="checkbox"/> Solely bamboo.   | <input checked="" type="checkbox"/> Because of multiplex not fully green.   | <input checked="" type="checkbox"/> Because of wood layers not fully green.   |
| Choice in looks  | <input checked="" type="checkbox"/> Natural, Caramel, Side Pressed, Plain Pressed, High Density*, unfinished, oiled, lacquered available. | <input type="checkbox"/> 1 version available.  | <input checked="" type="checkbox"/> Natural, Caramel, Chocolate, Side Pressed, High Density*, unfinished available.  | <input checked="" type="checkbox"/> 2 natural bamboo colors, 5 lacquered colors with woodgrain or sawcut look.   | <input checked="" type="checkbox"/> Natural, Caramel, Side Pressed, Plain Pressed, High Density*, unfinished, lacquered available. | <input checked="" type="checkbox"/> Natural, Caramel, High Density*, oiled available.   | <input checked="" type="checkbox"/> Natural, Caramel, Side Pressed, Plain Pressed, High Density*, oiled, lacquered available.   |
| Similarity to solid wood flooring planks                                     | <input checked="" type="checkbox"/> High Density* version available.  | <input type="checkbox"/> No High Density* version available, very different look.                      | <input checked="" type="checkbox"/> High Density* version available.   | <input checked="" type="checkbox"/> 2 natural bamboo colors, 5 lacquered colors with woodgrain or sawcut look.   | <input checked="" type="checkbox"/> High Density* version available.   | <input checked="" type="checkbox"/> High Density* version available, however not solid (full bamboo).                                 | <input checked="" type="checkbox"/> High Density* version available, however not solid (full bamboo).                           |

\*) Full conditions to install on floorheating:

\*\*\*) LCA (Life-cycle Assessment) report available:

advised / fully applicable   
 possible / applicable   
 limited possible / limited applicable   
 not possible / not advised / not applicable



# MOSO® bamboo flooring: a sustainable choice!

MOSO® Bamboo Flooring offers clear sustainability advantages in each phase and is even proven CO<sub>2</sub> neutral over the full life cycle! To determine the eco-impact of a floor, every phase of the life cycle should be taken into account.

## growth phase

- ✓ Made from the extremely rapidly renewable giant bamboo species "Moso", renowned for its CO<sub>2</sub> absorbing and O<sub>2</sub> producing capacity.
- ✓ Abundantly available in China (approx. 7 mio ha) and always sourced from sustainably managed forests and plantations.
- ✓ The Moso bamboo plant consists of multiple stems. As a result, several stems may be harvested each year without killing the mother plant.
- ✓ **Optional:** MOSO® Bamboo FSC®-certified (most important ecolabel for sustainable wood sourcing).



growth phase

## production phase

- ✓ All MOSO® Bamboo Floors are made in production facilities that are ISO 9001 and ISO 14001 (important quality standards) certified.
- ✓ **Optional:** use of eco-friendly adhesive with no added formaldehyde, complying with the strictest emissions norm: E0 (EU requisite = E1).



production phase



use phase

## end of life phase

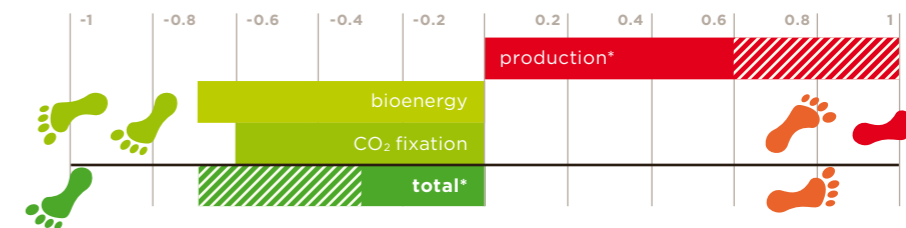
- ✓ As a non toxic, natural material, MOSO® Bamboo Floors offer no restrictions in the end-of-life phase.
- ✓ If maintained well, MOSO® Bamboo Flooring may be reused in similar applications (upcycling). If this is not possible, MOSO® Flooring may be safely used as input material for the chipboard industry (downcycling).
- ✓ If up- or downcycling is not possible, it is recommended to use the bamboo material as sustainable substitute for fossil fuels in a biomass energy plant for the production of green energy.

- ✓ **use phase**
- ✓ **Durable = Sustainable:** because of the high hardness, density and stability, MOSO® Bamboo Flooring lasts very long (less replacement) even in tough circumstances.
- ✓ **Proven Quality:** all MOSO® Bamboo Flooring products are CE marked and guaranteed up to 30 years.
- ✓ **Healthy indoor climate:** very low emissions of volatile organic compounds (VOCs). MOSO® floors have been rated A and A+ in France with respect to VOC emissions: the best classification possible!
- ✓ **Extra credits for sustainable building eco-labels, such as BREEAM and LEED.**



## carbon footprint

**MOSO® Bamboo Flooring: CO<sub>2</sub> neutral or better over full life cycle -** Life-cycle Assessment (ISO 14040/44) and carbon footprint studies executed by Delft University of Technology have confirmed that all assessed MOSO products (all solid bamboo flooring, decking, beams, panels and veneer) are CO<sub>2</sub> neutral or better over the full life cycle. To download the report and the Environmental Product Declaration (EN 15804) available for MOSO® Bamboo Products go to: [www.moso.eu/lca](http://www.moso.eu/lca).

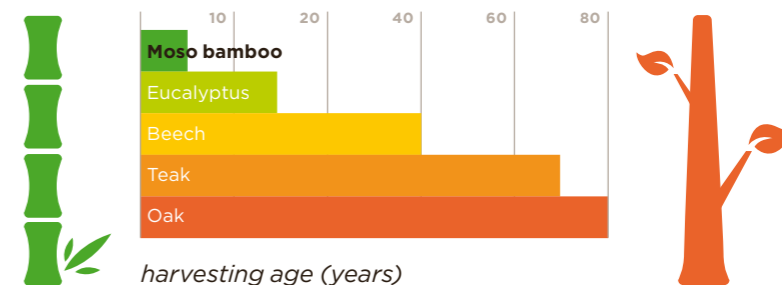


in CO<sub>2</sub> eq/kg

\* result depending on MOSO floor assessed

## unsurpassed growing speed

**Moso 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. Therefore, in contrast to tropical hardwood, there is no deforestation taking place for production of MOSO® Bamboo Flooring.





# MOSO® Bamboo Flooring



Frank Hanswijk

**AkzoNobel Head Office**  
Amsterdam, the Netherlands (Group A)



BMW Group South Africa

**BMW Solar Carport**  
South Africa (BMW Designworks)



**Iberostar Resorts & Hotels**  
Mexico (Iberostar Hotels)



Aitor Ortiz

**Guggenheim Museum**  
Bilbao, Spain (IDOM Architects - Cesar Calcoya)

# MOSO® Bamboo Beams, Panels & Veneer



Aitor Ortiz

**IDOM Head Office**  
Bilbao, Spain (Javier Perez)

# MOSO® Bamboo Outdoor



Alejandro Naranjo

**Ushuaia Hotel (3000m²)**  
Ibiza (Estudio Vila13)



**SNCF Railway Stations**  
France (AREP Architects - Thibault Rottier)

# MOSO® Unlimited Solutions



**Campus Palmas Altas**  
Sevilla, Spain (Rogers Stirk Harbour + Partners)



Uzi Porat

**Avaya offices**  
Israel (D.S. Blay Architecture / Industrial Design)



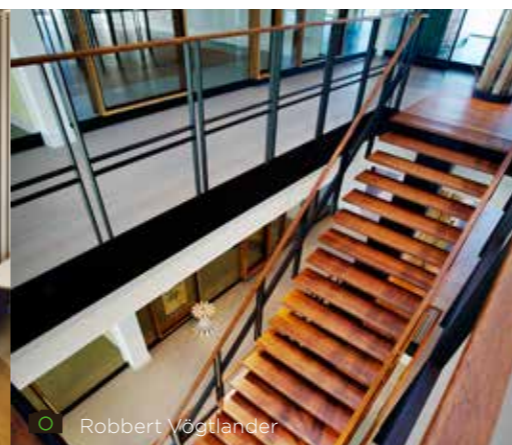
Ector Hoogstad Architecten

**Center Court (4070m²)**  
Geleen, the Netherlands (Ector Hoogstad)



Peter de Ruij

**Fugro TechCenter**  
Noodorp, the Netherlands (Hide & Peepkorn)



Robbert Vöglander

**MOSO International Head Office**  
Zwaag, the Netherlands (Landmark Vastgoed)



Luc Richards

**Campus Hotel Hertenstein**  
Weggis, Switzerland (Luc Richard)



Derako

**Texaco Gas Station**  
Nijkerk, the Netherlands (Bogaerds / ContrAll)

# MOSO® world leading in bamboo



## about MOSO®

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

There is no other company worldwide with an equal - and still expanding - **broad assortment in high quality** bamboo products, permanently available from stock either in Barcelona (office MOSO Europe), Milan (office MOSO Italy), Cape Town (office MOSO Africa), Hangzhou (office MOSO China) or at the main office near Amsterdam (MOSO International). Furthermore, MOSO® works with several partner companies and leading distributors worldwide to **guarantee the availability** of MOSO® products in each region.

Besides the product groups MOSO® Bamboo Flooring and MOSO® Outdoor, MOSO® offers a very broad assortment of **bamboo panels, veneer and beams** in various sizes, thicknesses, colours and textures. These panelling 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® flooring 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 recognised 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 refer to our website: [www.moso.eu/references](http://www.moso.eu/references).

### ceiling panel

**Adolfo Suarez  
International Airport**  
Madrid, Spain

design: Rogers Stirk  
Harbour + Partners  
scope: 200.000m<sup>2</sup>

Headquarters:

**Moso International B.V.**

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T +31 (0)229 265 732  
[info@moso.eu](mailto:info@moso.eu)

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North Africa, Latin America  
and Middle East:

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T +27 2167 11214  
[contact@moso-bamboo.co.za](mailto:contact@moso-bamboo.co.za)

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[www.moso.eu](http://www.moso.eu)



**bamboo  
products**