bamboo: the fastest growing plant in the world
Plain Pressed
Strips are placed horizontally and glued together to create a wide line pattern with the characteristic bamboo nodes clearly visible.

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

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

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

from bamboo plant to product

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).

extra hard
In this brochure High Density® and Forest are indicated by a hammer.

ready for harvest after 5 years
CO2 neutral
All solid MOSO® bamboo floors are officially assessed to be CO2 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 bamboo is the fastest growing plant on earth. Bamboo can be harvested without deforestation.

high stability
Because the flooring is composed of multiple 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 responsible choice but also a stylish one.

sustainable, beautiful, hard and durable flooring
MOSO® offers dozens of different bamboo flooring options which are divided into collections. This enables MOSO® to offer a bamboo flooring solution for everyone: Long and wide boards in the Grand Collection for spacious, luxurious living areas; strong and robust floors to withstand tough conditions in the Eternal Collection; and easy to install, economically friendly floors in the Dynamic Collection. The Bamboo X-treme® Collection offers ecological, stable and durable flooring for exterior applications. With the Bamboo UltraDensity® Collection MOSO® created heavy duty flooring and stair panels which are the only natural alternatives to stone, ceramic, pvc or other industrial floors and stair panels!

MOSO® Grand Collection

MOSO® Eternal Collection

MOSO® Dynamic Collection

MOSO® Bamboo Outdoor

MOSO® Bamboo Unlimited

MOSO® Floor-selector

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The Grand Collection was especially developed for customers who appreciate the aesthetics of large boards for a spacious and exclusive look. Thanks to the generous dimensions of the boards, the installation can be done relatively fast. The wide choice of colours and finishes in the Grand Collection offers a suitable bamboo flooring for any interior.

**bamboo Elite**
MOSO® Bamboo Elite is a 100% bamboo floor board which is relatively long and wide.

**bamboo Solida**
MOSO® Bamboo Solida is a large board with a similar appearance to solid wood.
The MOSO® Bamboo Elite flooring consists of long and wide boards, with a large choice of bamboo patterns, colours and finishes. Bamboo Elite consists of three layers of solid bamboo strips. Pressing the middle layer crosswise optimises the stability.

MOSO® Bamboo Elite is suitable for anyone who wants original, solid bamboo flooring and certainly for those who wish for a spacious, stylish decor. The large floorboards enrich the interior and are CO2 neutral.

Plain Pressed Natural
Plain Pressed Caramel
Side Pressed Natural
Side Pressed Caramel
High Density® Natural
High Density® Caramel
High Density® Striped
High Density® Striped
Plain Pressed / Side Pressed

MOSO® grand collection
MOSO® Bamboo Solida has the appearance of large solid wood planks. Bamboo Solida consists entirely of bamboo strips compressed under very high pressure. This High Density® treatment makes the material extra hard. Various surface treatments with a roller or saw in combination with transparent or stained lacquer provide a real wood appearance.

MOSO® Bamboo Solida is the ideal flooring for anyone looking for the appearance of wood flooring, but preferring the benefits of bamboo: the material is much harder than oak and CO₂ neutral. Thanks to the click system, the installation is quick and easy.
Eternal Collection

The Eternal Collection offers the strongest and most robust flooring in the MOSO® assortment. Especially for those looking for flooring that will last a lifetime, flooring from the Eternal Collection will be the best choice. These floors are so strong that they can be installed in the most demanding projects, such as public buildings, offices and restaurants, but are also suitable for residential applications.

bamboosupreme

Thanks to its stability, MOSO® Bamboo Supreme is perfectly suited to high traffic areas.

bambooforest

MOSO® Bamboo Forest is the most authentic bamboo floor imaginable.

bambooindustriale

MOSO® Bamboo Industriale consists of short, solid bamboo strips that provide a ladder pattern for a distinctive look.
MOSO® bamboo supreme

Perfect combination of durability and stability

MOSO® Bamboo Supreme offers a wide selection in bamboo patterns and colours. The boards are easy to handle and consist of two layers of bamboo: a 4 mm top layer on a sub layer made of cross pressed strips. The thick top layer ensures a long lifetime. With a total thickness of 10 mm the board is relatively thin compared to other wood flooring. This is an advantage in renovation projects, when the new flooring is installed on top of existing flooring. Thin material allows better heat-transfer than thicker boards and this makes Bamboo Supreme suitable for installation on underfloor heating.

MOSO® Bamboo Supreme is the right flooring when there are high requirements in durability, ecology (proved CO₂ neutral) and stability of the material. Thanks to its stability, Bamboo Supreme is perfectly suited to high traffic areas.

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

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

- Side Pressed Natural
  - lacquered or oiled
  - or unfinished, lacquered or oiled

- Side Pressed Caramel
  - unfinished, lacquered or oiled

- Plain Pressed Caramel
  - unfinished, lacquered or oiled

- Plain Pressed Natural
  - lacquered or oiled
MOSO® bambooforest

Bringing the bamboo forest to your floor

MOSO® Bamboo Forest is the most authentic bamboo flooring imaginable. The round bamboo stem is flattened by a special process and used as a top layer in a solid three-layer bamboo floorboard. The surface of this robust floor consists of the tough outer skin of the bamboo stem.

As a unique, eye-catching floor with the natural beauty and appearance of the bamboo stem, MOSO® Bamboo Forest fits in natural and modern interiors. The top layer is so hard and wear-resistant that an oil or lacquer finish is not required. The flooring is CO₂ neutral and is extremely durable.
MOSO® Bamboo Industriale consists of short, solid bamboo strips that provide a ladder pattern for a distinctive look. The bonded bamboo strips are glued onto the sub floor, sanded, filled and finished by the flooring installer. Because the bamboo flooring consists of small strips, it is very stable, making Bamboo Industriale perfectly suitable for installation on floor heating or in air-conditioned buildings.

MOSO® Bamboo Industriale is the right choice for those who have high requirements for the durability, ecology and stability of the material and want to see a unique pattern on the floor. Thanks to the thick toplayer (up to 15 mm), this flooring lasts for many generations and is CO2 neutral.
MOSO®
Dynamic Collection

The Dynamic Collection offers an economical choice for customers who want natural flooring that is easy to install. It does not mean that these floors are of a lesser quality or offer less choice. In fact, the Dynamic Collection provides the widest range of possibilities in colour, patterns, finishes, and dimensions, matching the latest trends.

purebamboo
MOSO® Purebamboo is purely made of bamboo. This original good quality product is economically interesting.

topbamboo
MOSO® Topbamboo is the easy to install flooring with a top layer of bamboo and a click system.

flexbamboo
MOSO® Flexbamboo is made by bonding thin bamboo strips to a flexible latex backing.
Economical flooring purely made of bamboo

MOSO® Purebamboo consists of compact solid bamboo boards with a wide choice of bamboo patterns and colours. Purebamboo is made of strips pressed together horizontally (Plain Pressed), vertically (Side Pressed) or compressed together (High Density®). Purebamboo Plain Pressed is the first industrially manufactured bamboo flooring ever developed and introduced by MOSO® on the market; all other bamboo flooring types originate from this product.

MOSO® Purebamboo is the right choice for anyone who wants original, simple, but good quality bamboo flooring. With the different patterns and colours, the flooring matches every interior and contributes to the improvement of the ecological footprint.
Plenty of choice in easy to install flooring

MOSO® Topbamboo is an easy to install flooring with a wide choice of colours, patterns and finishes. Topbamboo consists of a bamboo top layer pressed on an HDF core with a soft wood sub layer. Thanks to this construction, the floorboards are very stable.

MOSO® Topbamboo is suitable for anyone who wants affordable bamboo flooring that can be installed quickly. With the variety of colours and textures, including brushed versions, the flooring suits many interiors. The flooring is easy to install thanks to the click system and the convenient size boards.

High Density®:
- width: 125 mm
- length: 920 mm
- thickness: 10 mm

Side Pressed:
- Side Pressed Caramel: brushed, lacquered or oiled
- Side Pressed Caramel: brushed, lacquered
- Side Pressed Caramel: lacquered
- Side Pressed Caramel: oiled

High Density® Caramel:
- lacquered
- Brushed: Side Pressed
- Lacquered: Side Pressed
- Antique White (L02)

High Density® Natural:
- lacquered

High Density® Colonial (L06):
- Side Pressed: Caramel
- Lacquered: Caramel
- Oiled: Caramel

Antique Grey (L08):
- Side Pressed: Caramel
- Lacquered: Caramel
- Oiled: Caramel

Antique White (L02):
- Side Pressed: Caramel
- Lacquered: Caramel
- Oiled: Caramel

White (L02):
- Side Pressed: Caramel
- Lacquered: Caramel
- Oiled: Caramel

www.moso.eu/topbamboo
MOSO® flexbamboo

Bamboo rolled into your room

MOSO® Flexbamboo is a floor covering with a thin top layer made of bamboo strips which are bonded onto a latex backing. The flooring comes in rolls and has to be fully glued to the subfloor.

MOSO® Flexbamboo is a unique flooring that offers extra walking comfort, continuous lines of bamboo strips and excellent sound insulating properties. The natural colour fits to any interior. Flexbamboo is also available without latex backing and can be used as a wall covering in this form.
MOSO®
Bamboo Outdoor

With the Bamboo X-treme® Collection, MOSO® has developed a truly ecological and durable alternative to increasingly scarce tropical hardwood for outdoor applications. MOSO® uses a unique process to alter the hardness, dimensional stability and durability to a level superior to the best tropical hardwood species.

bambooX-treme®

With MOSO® Bamboo X-treme®, you can create a beautiful deck made of natural-grown bamboo, for your terrace, balcony, swimming pool area or other outdoor spaces.

Villa Mollans-sur-Ouvèze
France

Apartments Meier On Rothschild
Tel Aviv, Israel

Roof Garden De Boel
Amsterdam, The Netherlands
MOSO® bamboo x-treme®

The next generation in decking

MOSO® Bamboo X-treme® is made of bamboo strips that are heat-treated and compressed under high pressure, using the patented Thermo-Density® process. This process makes Bamboo X-treme® extremely durable* and hard. Thanks to the symmetrical shape of the side profile, each board offers the choice between a flat and reeded surface. The product can be installed quickly and easily with the matching fasteners, without the need to screw through the board.

For anyone who appreciates a tough, sustainable, high-quality product, with proven environmental benefits, MOSO® Bamboo X-treme® is the logical choice. When exposed to outdoor conditions Bamboo X-treme®, like all hardwood decking, will turn grey over time, giving it a beautiful, natural look (see photo right).

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

width: 178 mm
length: 1850 mm
thickness: 20 mm

* Biological durability:
Class 1 (EN 350 / CEN/TS 15083-2), simulated graveyard test
Class 1 (EN 350 / CEN/TS 15083-1), Effectiveness against Blue Stain: Class 0 (EN 152) and Use Class: Class 4 (EN 335)
MOSO® bambooultradensity®

The solution for heavy duty natural flooring

MOSO® Bamboo UltraDensity® is a solid bamboo flooring board made from compressed bamboo strips with an Ultra-High Density®. Thanks to its unique production method the material is extremely stable, hard and durable and therefore suitable for the toughest conditions: in very high traffic areas and even in semi-outdoor areas (protected from direct rain or sunshine).

The boards are supplied unfinished and have to be finished on site. The boards come with tongue and groove and a bevel on all 4 sides.
### Important to know

- **Floor heating / floor cooling**
  - Thinner = better, because less shrink/swell. Also denser = better (so HD version) because it transmits the heat better. Should always be glued fully on subfloor. For cooling anti condensation foam is highly recommended and the floor should be installed without gaps.

- **Water retention, such as a bathroom / spa**
  - Bamboo is a very stable material but if water gets between the floorboards, into the material, it will lead to problems. Advice use unfinished versions and lacquer or silicate on site close to the surface. Fully gluing to subfloor is therefore necessary.

- **Floating installation (not glued to subfloor)**
  - Bamboo has a good stability but will shrink/swell with changing humidity. Always allow a 10 mm expansion gap around the floor. With a bigger expansion gap, the (floating) surface can be bigger.

- **Big surface (>85 m²) installed without gaps between different areas**
  - Bamboo has a good stability but will shrink/swell with changing humidity. For big floors full glued to subfloor is advised. Subfloor must be dry and flat.

- **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 gluing to subfloor is advised.

- **Simple and low-cost installation**
  - Depending on the type of installation, the costs for installation partly define the costs of the floor.
  - Must be glued in place and glued to the subfloor.
  - Relatively low installation costs thanks to the click system.
  - Must be glued to the subfloor.

- **ECO certification (LEED, FSC, BREEAM, 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).

- **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.

- **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.

### grand collection

<table>
<thead>
<tr>
<th>bamboo species</th>
<th>bamboo on-site</th>
<th>bamboo online</th>
<th>bamboo supreme</th>
</tr>
</thead>
<tbody>
<tr>
<td>bamboo elite</td>
<td>veneer bamboo</td>
<td>veneer bamboo</td>
<td>veneer bamboo</td>
</tr>
<tr>
<td>bamboo forest</td>
<td>100% bamboo</td>
<td>100% bamboo</td>
<td>100% bamboo</td>
</tr>
<tr>
<td>bamboo industrial</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
</tr>
<tr>
<td>bamboo ultradensity</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
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</tbody>
</table>

### eternal collection

<table>
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<th>bamboo supreme</th>
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</thead>
<tbody>
<tr>
<td>bamboo density®</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
</tr>
<tr>
<td>bamboo industrial</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
</tr>
<tr>
<td>bamboo ultradensity</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
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</tbody>
</table>

### dynamic collection

<table>
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<th>bamboo supreme</th>
</tr>
</thead>
<tbody>
<tr>
<td>bamboo density®</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
</tr>
<tr>
<td>bamboo industrial</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
</tr>
<tr>
<td>bamboo ultradensity</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
<td>100% bamboo made with HD technology</td>
</tr>
</tbody>
</table>

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*Full conditions to install are available (www.moso.eu/eco).

**LCA (Life-cycle Assessment) report available (www.moso.eu/ics).
MOSO® bamboo flooring: a sustainable choice!

MOSO® Bamboo Flooring offers clear sustainability advantages in each phase and is even proven CO2 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 CO2 absorbing and O2 producing capacity.
- Abundantly available in China (approx. 7 mill 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).

**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).

**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.

**unsurpassed growing speed**
- 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 is a true rapidly renewable resource.

**carbon footprint**
- MOSO® Bamboo Flooring: CO2 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 CO2 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.

- Moso bamboo
- Eucalyptus
- Beech
- Teak
- Oak

- Harvesting age (years)
- harvesting age (years)

*result depending on MOSO floor assessed
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 equally – and still expanding - broad assortment in 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, Pennsauken (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 the MOSO® Bamboo Flooring and MOSO® Outdoor product groups, MOSO® offers a very broad assortment of Bamboo Panels, Veneer and Beams in many sizes, thicknesses, colours and textures. These products are used worldwide in many applications including 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, customised 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), Iberostar and CitizenM Hotels. For an overview of our references and clients please visit our website: www.moso.eu/references.
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