

# MOSO<sup>®</sup> bamboo solida





100%  
bamboo



**hard as  
stone  
beautiful  
as wood**

# bamboo solida

**MOSO® Bamboo Solida** is **unique** for its **hardness** while at the same time being fully **ecological**, consisting of **100% bamboo** fibers. The **large** floor boards are equipped with a **click system**, facilitating **quick**, floating **installation**. Get inspired in this brochure about the versatility of this **rockhard** collection!

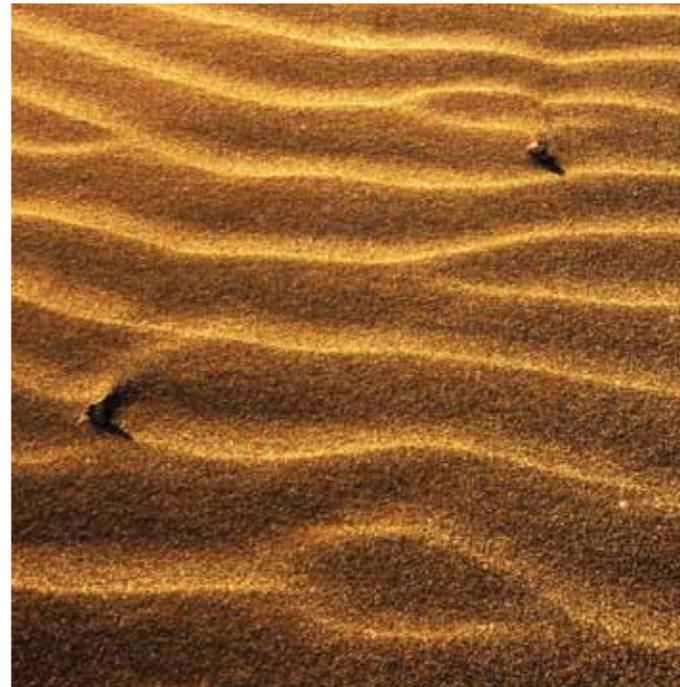


natural  
caramel  
quartz white  
onyx beige  
granite grey  
marble white  
topaz brown



**bamboosolida  
natural**





**bamboosolida  
caramel**





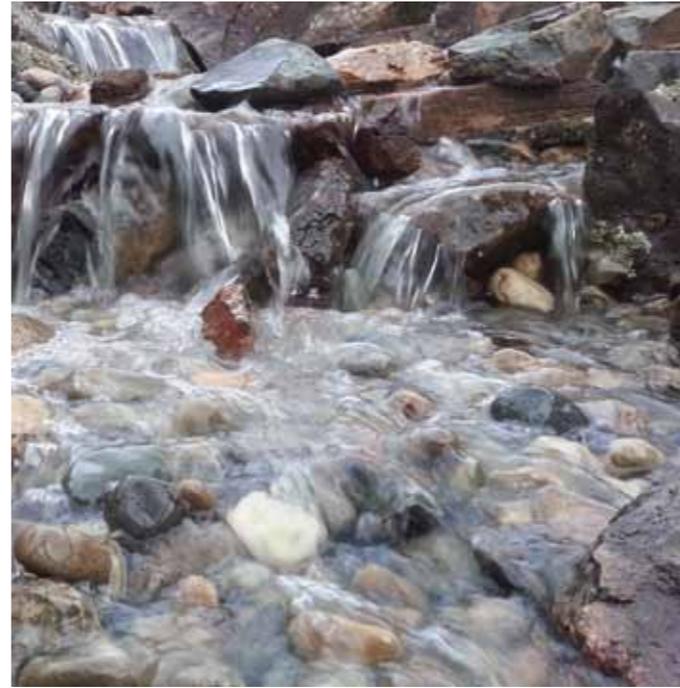
**bamboosolida  
quartz white**





**bamboosolida**  
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**bamboosolida  
granite grey**





**bamboosolida  
marble white**





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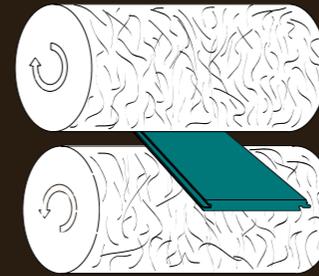
## stem to strip

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).



## wood look

The High Density® version is **embossed** with a **unique woodprint** by processing the boards through large rolls with various imprints.

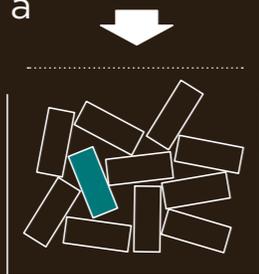


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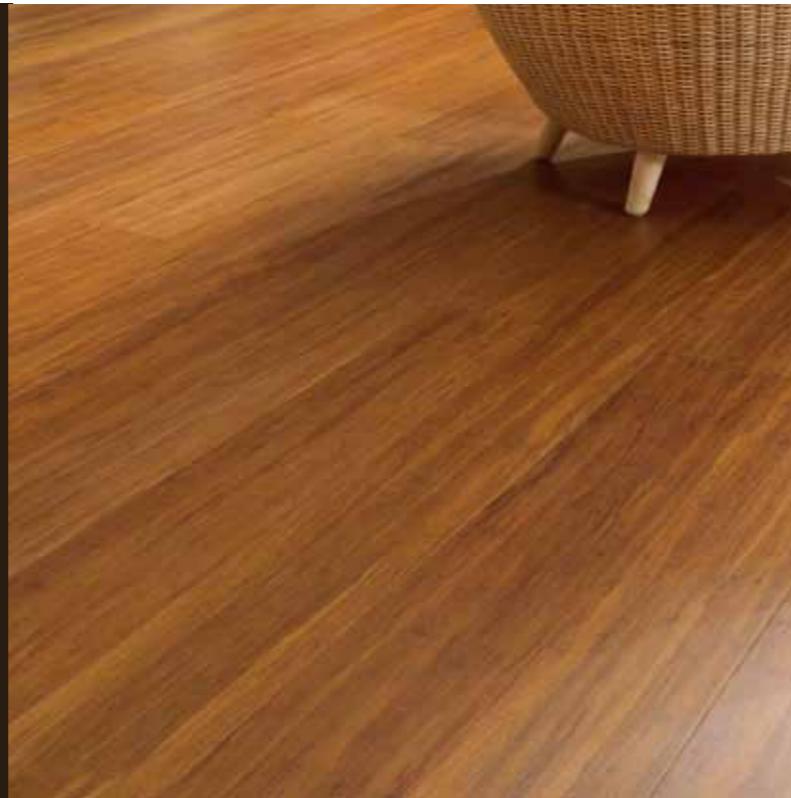


## High Density®

After treating and drying, the strips are **compressed** and glued under **high pressure**, creating an elegant random line pattern (known as High Density®). The result is a floor that is even **harder** than the best **tropical hardwood** species.

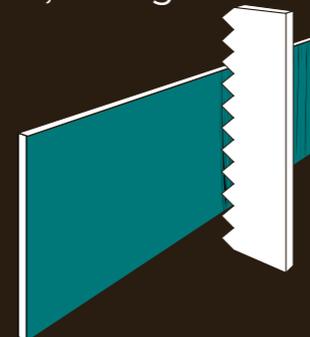


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## wood look rough sawn

Alternatively, the High Density® boards are **mechanically cross sawn** for a weathered, vintage look.



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## specifications

	Dimensions (mm)	
<b>Material</b>	High Density* (HD)	
<b>Product</b>		
Natural	BF-DS210	1850x137x14
Caramel	BF-DS260	1850x137x14
Quartz White	BF-DS261W-12 / Wood look	1830x135x14
Onyx Beige	BF-DS261W-13 / Wood look	1830x135x14
Granite Grey	BF-DS261W-11 / Wood look	1830x135x14
Marble White	BF-DS261C-L02 / Wood look Rough sawn	1850x137x14
Topaz Brown	BF-DS261C-L06 / Wood look Rough sawn	1850x137x14
<b>Finish</b>		
Lacquer	Treffert 85 gr/m <sup>2</sup> , BF-DS261W-11/12/13: Treffert 100 gr/m <sup>2</sup>	
<b>Edges</b>	Micro bevel 4 sides	
<b>Properties &amp; certification</b>		
Hardness (Brinell kg/mm <sup>2</sup> )	>9.5	
CO <sub>2</sub> neutral	Yes	
FSC® certified	Available on request	
Guarantee	30 years	
CE marked	Yes	
<b>Installation method</b>		
Floating	Advised: floating (boards connected by click system)	
Fully glued	Fully glueing possible with 2 component PU glue	
Floor heating	Possible	

# hard as stone beautiful as wood



### CO<sub>2</sub> neutral

MOSO® Bamboo Solida is officially assessed to be CO<sub>2</sub> neutral or better over the complete lifecycle.



### healthy

As a product from nature, MOSO® Bamboo Solida is anti-static and anti-allergic, and thus facilitates a healthy indoor environment.



### hard & durable

With a hardness and density superior to the best hardwood floors, MOSO® Bamboo Solida is also very suitable for use in heavy duty applications.



### warranted quality

MOSO® Bamboo Solida is of the highest quality and comes with a product guarantee of 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 compressed bamboo fibers, MOSO® Bamboo Solida will shrink and swell less than solid wood species, providing a more stable floor.



### vast choice

MOSO® Bamboo Solida is available in a large variety of configurations, styles and colours to cater to anyone's preferences.



### easy to install

Because of the click system the MOSO® Bamboo Solida boards are very easily connected without the use of glue.



# MOSO® Bamboo Solida: a sustainable choice!

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

## 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.
- ✓ Use of low emission adhesive, complying with the strictest emissions norm: E0 (EU requisite = E1).



production phase



end of life phase



use phase

## end of life phase

- ✓ As a non toxic, natural material, MOSO® Bamboo Solida offers no restrictions in the end-of-life phase.
- ✓ If maintained well, MOSO® Bamboo Solida may be reused in similar applications (upcycling). If this is not possible, MOSO Bamboo Solida 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.

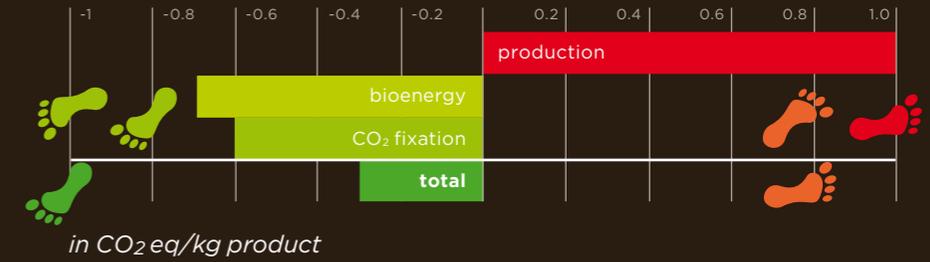
## use phase

- ✓ Durable = Sustainable: because of the high hardness, density and stability, MOSO® Bamboo Solida 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® Bamboo Solida floors have been rated A+ in France with respect to VOC emissions: the best classification possible!
- ✓ Extra credits for sustainable building eco-labels, such as BREEAM and LEED.



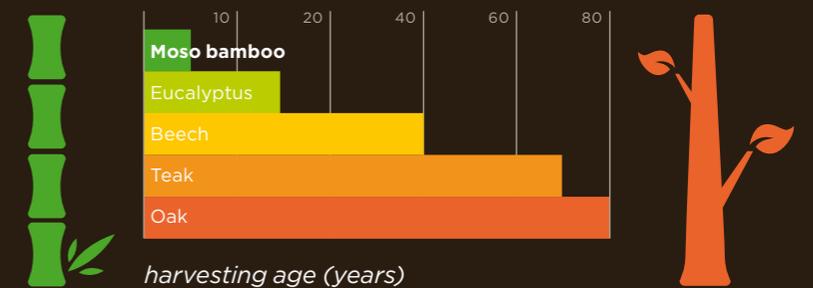
## carbon footprint

**MOSO® Bamboo Solida: 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 MOSO® Bamboo Solida is CO<sub>2</sub> neutral or better over the full life cycle. For more information about the official report please refer to our website: [www.moso.eu](http://www.moso.eu)



## unsurpassed growing speed

**Moso bamboo: the fastest growing plant in the world** - Because of the fast growth, giant bamboo is managed as an agricultural crop: the annual harvest of the 4-5 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 Surfaces**

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moso® bamboo surfaces

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