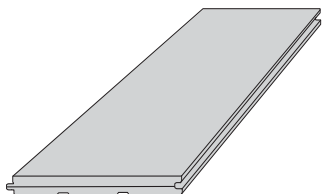
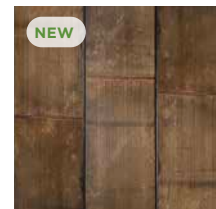


# MOSO® Bamboo Forest

MOSO® Bamboo Forest is the most authentic bamboo floor imaginable. For this unique product the bamboo stem is flattened in 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.



Forest  
waxed



Product Code	Finish	Edges	Dimensions (mm)	Box Content (pcs.)	Box Content (m <sup>2</sup> )
BF-FBS520	Waxed	Micro bevel	1100x102x15	15	1.68

## Installation summary

- Check room climate conditions (room temp. 18-21°C, air humidity 40-65%).
- Check subfloor: this should be flat/clean/stable and should not exceed the maximum allowed moisture content (for example 1.8% for sand cement).
- The floor should be fully glued and can also be installed floating (max width 6 m, max length 12 m, using expansion gaps).
- Use a PVAC wood adhesive to join the tongue and groove together.
- Elastic adhesive systems like 1-component Polyurethane or silan type of adhesives only can be used, when:
  - Shear strength  $T_s > 1.4 \text{ N/mm}^2$   
(3 days balanced at 23 degrees Celsius/50% Air Humidity)
  - Shear elongation  $\gamma > 0.5$   
(3 days balanced at 23 degrees Celsius/50% Air Humidity)
 Please ask your glue supplier for more information.
- This floor type can be installed - under certain conditions - on floor heating / cooling.
  - ▶ [www.moso.eu/floorheating-cooling](http://www.moso.eu/floorheating-cooling)
- After installation: the surface of the MOSO® Bamboo Forest is the bark/skin of the bamboo pole and is very hard and dense. To protect it (and especially to close the gaps at the bevel) a floor wax can be applied.
- Cleaning: Use only neutral detergents which are pH neutral ( $\leq 7$ ) / alkaline free.
- Full version available at ▶ [www.moso-bamboo.com/forest](http://www.moso-bamboo.com/forest)

## Technical characteristics and certifications

- Density (Product):  $\pm 850 \text{ kg/m}^3$
- Top layer thickness / Wear layer: approx. 2.8 mm
- Shrink/Swell bamboo: 0.14% per 1% change in Moisture Content
- Equilibrium MC: 10% at 20°C and 65% rel. Air Humidity  
8% at 20°C and 50% rel. Air Humidity
- Resistance to Indentation - Brinell Hardness:  $\pm 9.5 \text{ kg/mm}^2$  (EN 1534)
- Reaction to fire: Class Cfl-s1 (EN 13501-1)
- Formaldehyde emission: Class E0 ( $< 0.025 \text{ mg/m}^3$ )<sup>1)</sup>, Class E1 ( $< 0.100 \text{ mg/m}^3$ , EN 717-1), Class E1 (E05) ( $< 0.050 \text{ mg/m}^3$ , EN 16516)
- Thermal conductivity: 0.21 W/mK (EN 12667)
- Thermal resistance: 0.0727 m<sup>2</sup>K/W (EN 12667)
- Use Class: Class 1 (EN 335)
- Environmental Product Declaration - EPD (EN 15804) ([www.moso.eu/epd](http://www.moso.eu/epd))
- FSC®: With FSC® certification
- Contribution LEED BD+C - v4: MR 1, MR 2, MR 3 (FSC®), EQ2 v2009: MR 6, MR 7 (FSC®), IEQ 4.3
- Contribution BREEAM: HEA 2, MAT 1, MAT 3 (FSC®), MAT 5 (HD)
- Guarantee: 30 years

<sup>1)</sup> E0 class is an unofficial formaldehyde emission class, but it is commonly used to indicate that the product is produced with No Added Formaldehyde (NAF) glues. E0 products automatically qualify for the official E1 class according to EN 717-1.



breeam



The mark of  
responsible forestry  
FSC® C002063