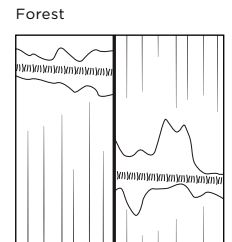
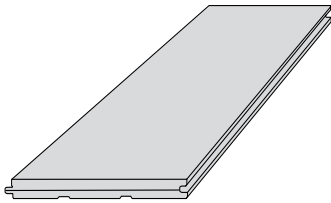


MOSO® bambooforest (solid wide board)

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.



W: Waxed, B: Bevel

Product Code	Finish	Edges	Dimensions (mm)	Box Content (pcs.)	Box Content (m ²)
BF-FBS400	W	B	1210x125x18	10	1.513

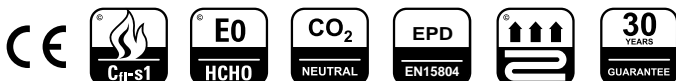
installation summary (full version available on www.moso.eu/bamboo-forest)

- 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).
- 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
- 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.

technical characteristics and certifications

- Density (Product): 850 kg/m³
- Top layer thickness / Wear layer: approx. 6 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: $\geq 9.5 \text{ kg/mm}^2$ (EN 1534)
- Reaction to fire: Class Cfl-s1 (EN 13501-1)
- Formaldehyde emission: Class E0 ($< 0.025 \text{ mg/m}^3$) ²⁾ Class E1 ($< 0.124 \text{ mg/m}^3$, EN 717-1)
- Thermal conductivity: 0.21 W/mK (EN 12667)
- Thermal resistance: 0.0872 m²K/W (EN 12667)
- Use Class: Class 1 (EN 335)
- CO₂ neutral: LCA report TU Delft (ISO 14040/44) (www.moso.eu/lca)
- Environmental Product Declaration - EPD (EN 15804) (www.moso.eu/epd)
- FSC®: Products available with FSC® certification on request.
- 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

²⁾ E0 Class is an unofficial formaldehyde emission class, but it is commonly used to indicate that the product has a very low emission, not detectable (n.d.) emission or is produced with No Added Formaldehyde (NAF) glues. E0 products automatically qualify for the official E1 Class according EN 717-1.



The mark for responsible forestry
FSC® C002063
www.fsc.org
Only the products defined as such,
are FSC certified



breeam