

MOSO® Bamboo Elite Oak

MOSO® Bamboo Elite Oak is a relatively long and wide board (compared to other MOSO® Floors) with a similar appearance to hardwood floors. The appearance is created by embossing the surface and applying stained lacquer for an authentic wood look and feel. The flooring is made from three layers of extra hard High Density® bamboo, with the middle layer pressed crosswise to maximise the stability. The boards are equipped with a tongue/groove connection. Bamboo Elite Oak is one of the hardest natural floors available.



SL: Stained-lacquered (extra matt) 80 g/m².

Natural	Style	Finish	Colour	Edges	Dimensions (mm)	Box Content (pcs.)	Box Content (m²)
BF-DT301W-01	High Density®	SL	Amber	Micro bevel	1850x140x13	6	1,554
BF-DT301W-02	High Density®	SL	Sand	Micro bevel	1850x140x13	6	1,554
BF-DT301W-04	High Density®	SL	Basalt	Micro bevel	1850x140x13	6	1,554
BF-DT301W-05	High Density®	SL	Diamond	Micro bevel	1850x140x13	6	1,554

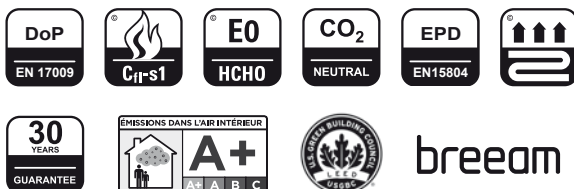
Installation summary

- 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 installed floating (max width 7 m, max length 12 m, using expansion gaps) but can also be fully glued to the subfloor.
- For floating installation 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 $\gamma \geq 0.5$
(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-bamboo.com/floorheating-cooling
- After installation: make sure proper cleaning and maintenance is done.
- Full version available at:
 - ▶ www.moso-bamboo.com/elite

Technical characteristics and certifications

- Density (Toplayer): $\pm 1050 \text{ kg/m}^3$
- Top layer thickness / Wear layer: approx. 3.2 mm
- Resistance to Indentation - Brinell Hardness: $\pm 9.5 \text{ kg/mm}^2$ (average value - EN 1534)
- Reaction to fire: Class Cfl-s1 (EN 13501-1)
- Formaldehyde emission: Class E0 ($< 0.025 \text{ mg/m}^3$)¹⁾, Class E1 ($< 0.100 \text{ mg/m}^3$, EN 717-1), Class E1 (E05) ($< 0.050 \text{ mg/m}^3$, EN 16516)
- Thermal conductivity: 0.26 W/mK (EN 12667)
- Thermal resistance: 0.0510 m²K/W (EN 12667)
- Use Class: Class 1 (EN 335)
- CO₂ neutral: LCA report TU Delft (ISO 14040/44) (www.moso-bamboo.com/lca)
- Environmental Product Declaration - EPD (EN 15804) (www.moso-bamboo.com/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
- Guarantee: 30 years

¹⁾ 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 EN 717-1.



Also available with FSC® certification.

