

MOSO® Purebamboo

MOSO® Purebamboo is made entirely of solid bamboo, either with strips pressed together horizontally (Plain Pressed), vertically (Side Pressed) or compressed (High Density®). This floor type is a good solution when an economical but high performance bamboo floor is required. Purebamboo (in Plain Pressed version) was the first bamboo floor ever – all other bamboo floors have been derived from this classic version.



More about MOSO® Bamboo Colours at ▶ www.moso-bamboo.com/colours

L: Lacquered Treffert 80 g/m².

Natural	Ecu	Caramel	Connection	Style	Finish	Edges	Dimensions (mm)	Box Content (pcs.)	Box Content (m ²)
		BF-LA560	Tongue/Groove	Side Pressed	-	Square edge	960x96x15	24	2,208
BF-LA610	BF-LA635	BF-LA660	Tongue/Groove	Side Pressed	L	Micro bevel	960x96x15	24	2,208
BF-LA810	BF-LA835	BF-LA860	Tongue/Groove	Plain Pressed	L	Micro bevel	960x96x15	24	2,208
BF-DS110		BF-DS160	Tongue/Groove	High Density®	L	Micro bevel	915x96x12	24	2,112

Installation summary

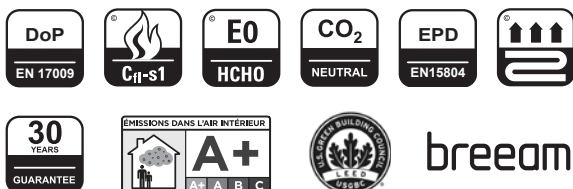
- Check room climate conditions (room temp. 18-21°C, air humidity 40-65%).
- Check subfloor: this should be flat/clean/stable and should not exceed the maximum allowed moisture content (for example 1.8% for sand cement).
- The floor should be fully glued and can also be installed floating (max width 5 m, max length 12 m, using expansion gaps).
- 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 Ts > 1.4 N/mm² (3 days balanced at 23 degrees Celsius/50% Air Humidity)
 - Shear elongation y >= 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, fitting to the chosen finish. For oiled finish: the floor has to be re-oiled after installation. Polish the oil with a red pad or patina disc (possibly afterwards with white pad).
- Full version available at ▶ www.moso-bamboo.com/purebamboo

Technical characteristics and certifications

- Density (Product): ± 700 kg/m³ (SP/PP), ± 1050 kg/m³ (HD)
- Top layer thickness / Wear layer: approx. 5 mm (PP), approx. 6 mm (SP), approx. 3 mm (HD)
- Shrink/Swell bamboo: 0.14% per 1% change in Moisture Content (SP/PP)
- Equilibrium MC: 10% at 20°C and 65% rel. Air Humidity (SP/PP) 8% at 20°C and 50% rel. Air Humidity (SP/PP)
- Resistance to Indentation - Brinell Hardness: ± 4 kg/mm² (SP/PP), ± 9.5 kg/mm² (HD) (average value - EN 1534)
- Reaction to fire: Class Cfl-s1 (EN 13501-1)
- Formaldehyde emission: Class E0 (< 0.025 mg/m³)¹⁾, Class E1 (< 0.100 mg/m³, EN 717-1), Class E1 (E05) (< 0.050 mg/m³, EN 16516)
- Slip resistance²⁾: PTV 56 (CEN/TS 15676) / R 10 (DIN 51130)
- Thermal conductivity: 0.17 W/mK (SP/PP), 0.26 W/mK (HD) (EN 12667)
- Thermal resistance: 0.0882 m²K/W (SP/PP), 0.0471 m²K/W (HD) (EN 12667)
- Use Class: Class 1 (EN 335)
- Critical radiant flux: Class 1 (ASTM E 648) (not tested for HD with click system)
- CO₂ neutral: LCA report TU Delft (ISO 14040/44) (moso-bamboo.com/lca)
- Environmental Product Declaration - EPD (EN 15804) (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 (HD)
- 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.

²⁾ Only for lacquered versions.



Also available with FSC® certification.

