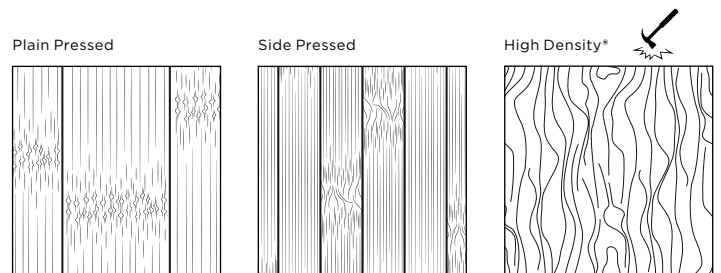
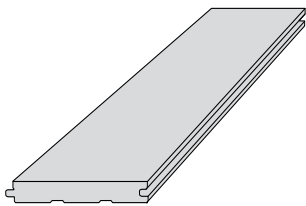


# MOSO® purebamboo (solid strip)

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.



**PP:** Plain Pressed, **SP:** Side Pressed, **HD:** High Density®, **L:** Lacquered Treffert 80 g/m<sup>2</sup>, **SE:** Sharp Edge, **MB:** Micro Bevel  
 \*) Top layer 6mm.

Natural	Caramel	Style	Finish	Edges	Dimensions (mm)	Box Content (pcs.)	Box Content (m <sup>2</sup> )
	BF-LA560	SP	-	SE	960x96x15*	24	2.212
	BF-LA760	PP	-	SE	960x96x15	24	2.212
BF-LA610	BF-LA660	SP	L	MB	960x96x15*	24	2.212
BF-LA810	BF-LA860	PP	L	MB	960x96x15	24	2.212
BF-DS110	BF-DS160	HD	L	MB	915x96x12	24	2.108

## installation summary (full version available on [www.moso.eu/purebamboo](http://www.moso.eu/purebamboo))

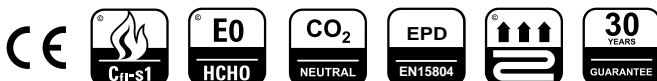
- Check room climate conditions (room temp. 18-21°C, air humidity 40-65%).
- Check subfloor: this should be flat/clean/stable and should not exceed the maximum allowed moisture content (for example 1.8% for sand cement).
- The floor should be fully glued and can also be installed floating (max width 5 m, max length 12 m, using expansion gaps).
- Elastic adhesive systems like 1-component Polyurethane or silan type of adhesives only can be used, when:
  - Shear strength Ts > 1.4 N/mm<sup>2</sup>  
(3 days balanced at 23 degrees Celsius/50% Air Humidity)
  - Shear elongation γ >= 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: 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).

## technical characteristics and certifications

- Density (Product): +/- 700 kg/m<sup>3</sup> (SP/PP), +/- 1050 kg/m<sup>3</sup> (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/mm<sup>2</sup> (SP/PP), ≥ 9.5 kg/mm<sup>2</sup> (HD) (EN 1534)
- Reaction to fire: Class Cfl-s1 (EN 13501-1)
- Formaldehyde emission: Class E1 (< 0.124 mg/m<sup>3</sup>, EN 717-1), Class E0 (< 0.025 mg/m<sup>3</sup>)<sup>2)</sup> (HD)
- Slip resistance<sup>1)</sup>: USRV 31 (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 m<sup>2</sup>K/W (SP/PP), 0.0471 m<sup>2</sup>K/W (HD) (EN 12667)
- Use Class: Class 1 (EN 335)
- Critical radiant flux: Class 1 (ASTM E 648)
- CO<sub>2</sub> neutral: LCA report TU Delft (ISO 14040/44) ([www.moso.eu/lca](http://www.moso.eu/lca))
- Environmental Product Declaration - EPD (EN 15804) ([www.moso.eu/epd](http://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

<sup>1)</sup> Only for lacquered versions.

<sup>2)</sup> 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.



breeam