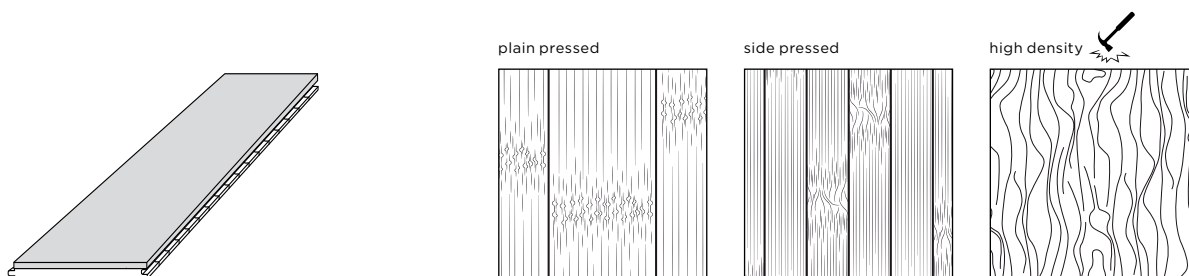


bamboosupreme (2-ply flooring)

MOSO Bamboo Supreme is made from two layers of bamboo, with a 4mm toplayer and a cross pressed bamboo backing. The total thickness is 10mm which is relatively thin compared to other wood floors. However, as with any wood species the basic rule is: the thicker, the less stable the wood (shrink/swell). The 10mm thickness and 4mm toplayer is an ideal compromise between durability and stability and therefore offers a perfect solution for heavy circumstances, like installation on floor heating and/or installation in heavy traffic areas.



FPO: FSC* certified + E0 (urea formaldehyde free glue), **PP:** Plain Pressed, **SP:** Side Pressed, **HD:** High Density, **L:** Lacquered Bona 125 gr/m², **LN:** Lacquered Bona Naturale (extra matt) 225 gr/m², **O:** Pre-oiled Wocca Air Dried (to be re-oiled after installation), **SE:** Sharp Edge. *) Equipped with "nano bevel, approx. 0,1mm (barely visible).

Natural	Caramel	FSC*	Style	Finish	Edges	Dimensions (mm)	Box Content (pcs.)	Box Content (m ²)
BF-LA401	BF-LA451	-FPO	PP	-	SE	970x95x10	36	3,317
BF-LA421	BF-LA471	-FPO	SP	-	SE	970x95x10	36	3,317
BF-LA403	BF-LA453		PP	O	SE	970x95x10	36	3,317
BF-LA423	BF-LA473		SP	O	SE	970x95x10	36	3,317
BF-DT403	BF-DT453		HD	O	SE*	920x96x10	24	2,120
BF-LA409	BF-LA459		PP	L	SE	970x95x10	36	3,317
BF-LA429	BF-LA479		SP	L	SE	970x95x10	36	3,317
BF-DT409	BF-DT459		HD	LN	SE*	920x96x10	24	2,120

installation summary (full version available on www.moso.eu)

- Check room climate conditions (room temp. 18-20°C, air humidity 50-65%).
- 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 (for glue details see full version of installation instruction).
- 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 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 warm water floor heating. See "MOSO flooring and floor heating".
- After installation: make sure proper cleaning and maintenance is done, fitting to the chosen finish.

technical characteristics

- Density (Toplayer): +/- 700 kg/m³ (SP/PP), +/- 1050 kg/m³ (HD)
- Top layer thickness / Wear layer: 4mm
- Shrink/Swell: 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) (EN 1534)
- Reaction to fire: Class Cfl-s1 (EN 13501-1)
- Formaldehyde emission: Class E0 (< 0,025 mg/m³) ²⁾ Class E1 (< 0,124 mg/m³, EN 717-1)
- Slip resistance ¹⁾: USRV 26 (HD) (CEN/TS 15676) / R10 (HD) (DIN 51130)
- Thermal conductivity: 0,17 W/mK (SP/PP), 0,21 W/mK (HD) (EN 12667)
- Thermal resistance: 0,0588 m²K/W (SP/PP), 0,0471 m²K/W (HD) (EN 12667)
- Use Class: Class 1 (EN 335)
- Critical radiant flux: Class 1 (SP/PP), Class 1 (HD) (ASTM E 648)
- Contribution LEED BD+C - v4: MR1, MR2, EQ2, MR3 (FSC*)
v2009: MR 6, IEQ 4.3, MR 7 (FSC*)
- Contribution BREEAM: HEA 2, MAT 1, MAT 3 (FSC*), MAT 5 (HD)

¹⁾ Only for lacquered versions.

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