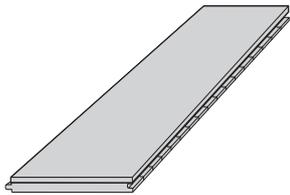


MOSO® Bamboo Supreme

MOSO® Bamboo Supreme is made from two layers of bamboo, with a 4 mm toplayer and a cross pressed bamboo backing. The total thickness is 10 mm 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 10 mm thickness and 4 mm toplayer is an ideal compromise between durability and stability and therefore offers a perfect solution for heavy duty conditions, like installation on floor heating and/or installation in heavy traffic areas.



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

L: Lacquered Bona 125 g/m², LN: Lacquered Bona Naturale (extra matt) 125 g/m², O: Pre-oiled Woca Air Dried (to be re-oiled after installation).
*) Approx. 0,1 mm (barely visible).

Natural	Ecu	Caramel	Style	Finish	Edges	Dimensions (mm)	Box Content (pcs.)	Box Content (m ²)
		BF-LA451	Plain Pressed	-	Square edge	970x95x10	36	3,312
		BF-LA471	Side Pressed	-	Square edge	970x95x10	36	3,312
BF-LA403	BF-LA433	BF-LA453	Plain Pressed	O	Square edge	970x95x10	36	3,312
BF-LA423	BF-LA443	BF-LA473	Side Pressed	O	Square edge	970x95x10	36	3,060
BF-DT403		BF-DT453	High Density*	O	Nano bevel*	920x96x10	24	2,112
BF-LA409	BF-LA439	BF-LA459	Plain Pressed	L	Square edge	970x95x10	36	3,312
BF-LA429	BF-LA449	BF-LA479	Side Pressed	L	Square edge	970x95x10	36	3,312
BF-DT409		BF-DT459	High Density*	LN	Nano bevel*	920x96x10	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.
- 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/supreme

Technical characteristics and certifications

- Density (Toplayer): ± 700 kg/m³ (SP/PP), ± 1050 kg/m³ (HD)
- Top layer thickness / Wear layer: approx. 4 mm
- 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)
- Wear resistance ²⁾: ≥ 5000 Revolutions (WR2) (SP/PP), ≥ 7000 Revolutions (WR3) (HD) (EN 13696)
- 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 resistance ²⁾: USRV 22 (SP/PP), USRV 26 (HD) (CEN/TS 15676) / R 10 (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)
- 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.



breem



The mark of responsible forestry
FSC[®] C002063