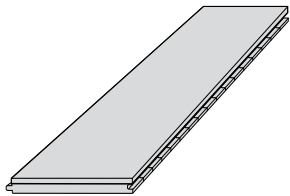


MOSO® Bamboo Supreme (2-ply flooring)

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.



Plain Pressed
Natural/Caramel



Side Pressed
Natural/Caramel



High Density®
Natural/Caramel



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).
*) "Nano" bevel, approx. 0,1 mm (barely visible).

| Natural | Caramel | Style | Finish | Edges | Dimensions (mm) | Box Content (pcs.) | Box Content (m ²) |
|----------|----------|---------------|--------|-------------|-----------------|--------------------|-------------------------------|
| | BF-LA451 | Plain Pressed | - | Square Edge | 970x95x10 | 36 | 3.317 |
| | BF-LA471 | Side Pressed | - | Square Edge | 970x95x10 | 36 | 3.317 |
| BF-LA403 | BF-LA453 | Plain Pressed | O | Square Edge | 970x95x10 | 36 | 3.317 |
| BF-LA423 | BF-LA473 | Side Pressed | O | Square Edge | 970x95x10 | 36 | 3.317 |
| BF-DT403 | BF-DT453 | High Density* | O | Nano Bevel* | 920x96x10 | 24 | 2.120 |
| BF-LA409 | BF-LA459 | Plain Pressed | L | Square Edge | 970x95x10 | 36 | 3.317 |
| BF-LA429 | BF-LA479 | Side Pressed | L | Square Edge | 970x95x10 | 36 | 3.317 |
| BF-DT409 | BF-DT459 | High Density* | LN | Nano Bevel* | 920x96x10 | 24 | 2.120 |

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/bamboo-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) (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 E1 (< 0.124 mg/m³, EN 717-1), Class E0 (< 0.025 mg/m³) ¹⁾ (HD)
- 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 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.
²⁾ Only for lacquered versions.



The mark of responsible forestry
FSC® C002063