

MOSO® bambooexcellence (engineered board)

The MOSO® Bamboo Excellence boards have tongue and groove and consist of a bamboo top layer and a birch multiplex sub layer. With this construction, the floor board is extremely stable and with the thick top layer also very durable. The high stability allows extra long boards which give the floor a luxurious appearance, which is amplified by the special natural finish with Bona Raw lacquer. In order to achieve this exceptional quality and appearance, Bamboo Excellence is the first MOSO® flooring made in Italy.



SP: Side Pressed, **HD:** High Density*, **BL:** Brushed Lacquered Bona Raw (ultra matt) 105 g/m², **SL:** Stain-lacquered Bona Raw (ultra matt) 105 g/m², **BSL:** Brushed* Stain-lacquered Bona Raw (ultra matt) 105 g/m², **SE:** Square Edge, **NB:** "Nano" bevel, approx. 0,1 mm (barely visible)
 *) Due to the characteristics of the bamboo, the 'depth' of the brushing will be different from one board to another. This creates a very natural effect.

Natural	Caramel	Style	Finish	Colour	Edges	Dimensions (mm)	Box Content (pcs.)	Box Content (m ²)
	BF-EX250B-03	HD	BSL	Gold	NB	2400X180X15	7	3.024
BF-EX200-02		HD	SL	Silver	NB	2400X180X15	7	3.024
	BF-EX470B	SP	BL	Platinum	SE	2400X180X15	7	3.024
	BF-EX470-02	SP	SL	Palladium	SE	2400X180X15	7	3.024

Bamboo Excellence is delivered in a mix of 3 different lengths: 2400/2200/2000 mm.

installation summary

(full version available on www.moso-bamboo.com/bamboo-excellence)

- 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 installed floating (max width 7 m, max length 12 m, using expansion gaps) but can also be fully glued to the subfloor.
- This floor type can be installed - under certain conditions - on floor heating / cooling.
- www.moso.eu/floorheating-cooling
- After installation: make sure proper cleaning and maintenance is done, fitting to the finish.

technical characteristics and certifications

- Density (Toplayer): +/- 700 kg/m³ (SP), +/- 1050 kg/m³ (HD)
- Top layer thickness / Wear layer: approx. 4 mm (SP), 3.6 mm (HD)
- Shrink/Swell bamboo: 0.14% per 1% change in Moisture Content (SP)
- Equilibrium MC: 10% at 20°C and 65% rel. Air Humidity (SP)
8% at 20°C and 50% rel. Air Humidity (SP)
- Resistance to Indentation - Brinell Hardness: ≥ 4 kg/mm² (SP), ≥ 9.5 kg/mm² (HD) (EN 1534)
- Reaction to fire: Class Bfl-s1 (EN 13501-1) (HD), Class Cfl-s1 (EN 13501-1) (SP)
- Formaldehyde emission: Class E0 (< 0.025 mg/m³)¹⁾ Class E1 (< 0.124 mg/m³, EN 717-1)
- Thermal conductivity: 0.13 W/mK (SP), 0.14 W/mK (HD) (EN 12667)
- Thermal resistance: 0.1152 m²K/W (SP), 0.1091 m²K/W (HD) (EN 12667)
- Use Class: Class 1 (EN 335)
- 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.

