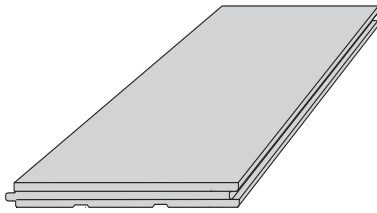


# MOSO® Bamboo Elite

MOSO® Bamboo Elite is a floor board that is relatively long and wide (compared to other MOSO® Floors) and is made of three layers of solid bamboo, equipped with a tongue/groove connection. The middle layer is pressed in cross direction to maximise the stability.



Natural Plain/Side Pressed



Ecru Plain/Side Pressed **NEW**



Caramel Plain/Side Pressed



Natural/Caramel High Density\*



More about MOSO® Bamboo Colours at ▶ [www.moso-bamboo.com/colours](http://www.moso-bamboo.com/colours)

L: Lacquered Bona 85 g/m<sup>2</sup>, LN: Lacquered Bona Naturale (extra matt) 125 g/m<sup>2</sup>, O: Pre-oiled Woca Air Dried (has to be re-oiled after installation).  
 \*) Middle layer cross pressed, \*\*) Approx. 0,1 mm (barely visible).

Natural	Ecru	Caramel	Style	Finish	Edges	Dimensions (mm)	Box Content (pcs.)	Box Content (m <sup>2</sup> )
		BF-LA350N	Plain Pressed*	-	Nano bevel**	1960x159x15	8	2,496
		BF-LA370N	Side Pressed*	-	Nano bevel**	1960x159x15	8	2,240
BF-LA301	BF-LA326	BF-LA351	Plain Pressed*	L	Micro bevel	1960x159x15	8	2,240
		BF-LA353	Plain Pressed*	O	Micro bevel	1960x159x15	8	2,496
BF-LA321	BF-LA346	BF-LA371	Side Pressed*	L	Micro bevel	1960x159x15	8	2,496
		BF-LA373	Side Pressed*	O	Micro bevel	1960x159x15	8	2,496
BF-DT301		BF-DT351	High Density**	LN	Micro bevel	1830x142x13	6	1,560
BF-DT303		BF-DT353	High Density**	O	Micro bevel	1830x142x13	6	1,560

## Installation summary

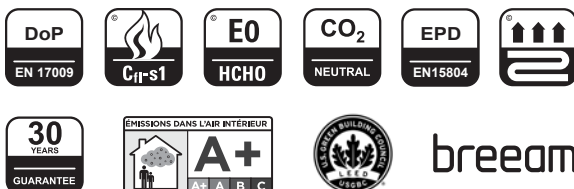
- Check room climate conditions (room temp. 18-21°C, air humidity 40-65%).
- Check subfloor: this should be flat/clean/stable and should not exceed the maximum allowed moisture content (for example 1.8% for sand cement).
- The floor should be fully glued (for glue details see full version of installation instruction) and can also be installed floating (max width 6 m, max length 12 m, using expansion gaps).
- For floating installation use a PVAC wood adhesive to join the tongue and groove together.
- 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 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](http://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/elite](http://www.moso-bamboo.com/elite)

## Technical characteristics and certifications

- Density (Toplayer): ± 700 kg/m<sup>3</sup> (SP/PP), ± 1050 kg/m<sup>3</sup> (HD)
- Top layer thickness / Wear layer: approx. 5 mm (SP/PP), 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) (average value - EN 1534)
- Reaction to fire: Class Cfl-s1 (EN 13501-1)
- Formaldehyde emission: Class E0 (< 0.025 mg/m<sup>3</sup>)<sup>1)</sup>, Class E1 (< 0.100 mg/m<sup>3</sup>, EN 717-1), Class E1 (E05) (< 0.050 mg/m<sup>3</sup>, EN 16516)
- Slip resistance <sup>2)</sup>: USRV 22 (SP/PP), USRV 26 (HD) (CEN/TS 15676) / R 10 (DIN 51130)
- Thermal conductivity: 0.17 W/mK (SP/PP), 0.19 W/mK (HD) (EN 12667)
- Thermal resistance: 0.0882 m<sup>2</sup>K/W (SP/PP), 0.0784 m<sup>2</sup>K/W (HD) (EN 12667)
- Use Class: Class 1 (EN 335)
- CO<sub>2</sub> neutral: LCA report TU Delft (ISO 14040/44) ([www.moso-bamboo.com/lca](http://www.moso-bamboo.com/lca))
- Environmental Product Declaration - EPD (EN 15804) ([www.moso-bamboo.com/epd](http://www.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

<sup>1)</sup> 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.

<sup>2)</sup> Only for lacquered versions.



Also available with FSC® certification.

