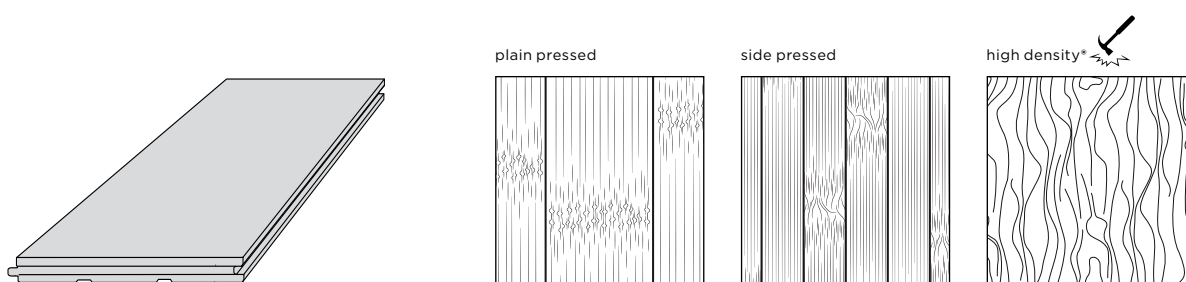


# bamboelite (solid wide board)

MOSO® Bamboo Elite is a floor board which is relatively long and wide (compared to other MOSO® floors) and is made from three layers of solid bamboo, equipped with a tongue/groove connection. In the High Density version there is also a 1-ply type, equipped with a clicksystem for fast, floating installation.



**PP:** Plain Pressed, **SP:** Side Pressed, **HD:** High Density\*, **L:** Lacquered Bona 85 gr/m<sup>2</sup>, **LN:** Lacquered Bona Naturale (extra matt) 125 gr/m<sup>2</sup>, **O:** Pre-oiled Woca Air Dried (has to be re-oiled after installation), **SE:** Sharp Edge, **MB:** Micro Bevel. \*) Middle layer cross pressed.

Natural	Caramel	Style	Finish	Edges	Dimensions (mm)	Box Content (pcs.)	Box Content (m <sup>2</sup> )
BF-LA300	BF-LA350	PP*	-	SE	1960x159x15	8	2.493
BF-LA320	BF-LA370	SP*	-	SE	1960x159x15	8	2.493
BF-LA301	BF-LA351	PP*	L	MB	1960x159x15	8	2.493
BF-LA321	BF-LA371	SP*	L	MB	1960x159x15	8	2.493
BF-DT301	BF-DT351	HD*	LN	MB	1830x142x13	6	1.559
BF-DT303	BF-DT353	HD*	O	MB	1830x142x13	6	1.559

## installation summary (full version available on [www.moso.eu](http://www.moso.eu))

- 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 7m, max length 12m, using expansion gaps).
- Elastic adhesive systems like 1-component Polyurethane or silan type of adhesives only can be used, when:
  - Shear strength  $T_s > 1.4 \text{ N/mm}^2$   
(3 days balanced at 23 degrees Celsius/50% Air Humidity)
  - Shear elongation  $\gamma >= 0.5$   
(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 “floor heating”.
- After installation: make sure proper cleaning and maintenance is done, fitting to the chosen finish.

## technical characteristics

- Density (Toplayer): +/- 700 kg/m<sup>3</sup> (SP/PP), +/- 1050 kg/m<sup>3</sup> (HD)
- Top layer thickness / Wear layer: approx. 5mm (SP/PP), approx. 3mm (HD)
- 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:  $\geq 4 \text{ kg/mm}^2$  (SP/PP),  $\geq 9.5 \text{ kg/mm}^2$  (HD) (EN 1534)
- Reaction to fire: Class Cfl-s1 (EN 13501-1)
- Formaldehyde emission: Class E0 (< 0.025 mg/m<sup>3</sup>) <sup>2)</sup> Class E1 (< 0.124 mg/m<sup>3</sup>, EN 717-1)
- Slip resistance <sup>1)</sup>: USRV 26 (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)
- 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)

<sup>1)</sup> Only for lacquered versions.

<sup>2)</sup> 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.