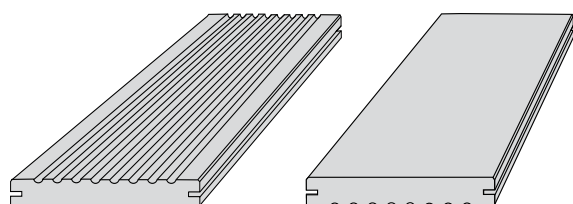
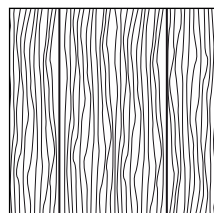


# MOSO® bamboo x-treme® outdoor decking

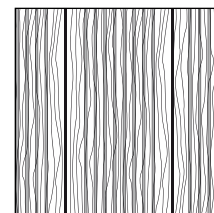
MOSO® Bamboo X-treme® is a solid, Thermo-Density® decking board, made from compressed bamboo strips. A special, unique heat-treatment process at 200°C provides MOSO® Bamboo X-treme® the highest durability class possible in the appropriate EU norms (see technical characteristics below) and increases the hardness and stability. A unique feature of MOSO® Bamboo X-treme® is the end-match system: this can only be done with very stable materials and enables connection of an unlimited number of boards in the length. The special symmetrical shape of the sides offers the possibility to choose between either the reeded or the flat surface, and allows for quick installation with MOSO® fasteners. Like any untreated tropical hardwood species, when exposed to outdoor conditions, MOSO® Bamboo X-treme® will turn grey over time creating a very natural look.



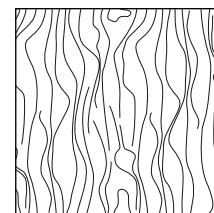
Flat



Reeded



High Density\*



O: Oil Woca, B: Bevel (also on ends), R: Reeded, F: Flat  
 \*) The end of the boards are protected with wax, \*\*) Check availability.

Product Code	Grooved	Finish	Edges	Surface	End-match system	Dimensions (mm)
BO-DTHT170G	Yes	-	B	R/F	Yes	1850x137x20
BO-DTHT171G	Yes	O	B	R/F	Yes*	1850x137x20
BO-DTHT181G	Yes	O	B	R/F	Yes*	1850x137x18
BO-DTHT190G**	Yes	-	B	R/F	Yes	1850x155x20
BO-DTHT191G	Yes	O	B	R/F	Yes*	1850x155x20
BO-DTHT210G**	Yes	-	B	R/F	Yes	1850x178x20
BO-DTHT211G	Yes	O	B	R/F	Yes*	1850x178x20

## installation summary

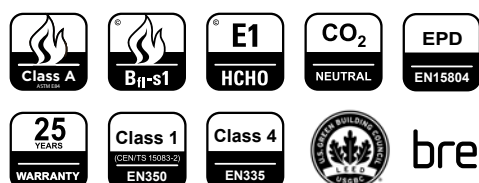
(full version available on [www.moso.eu/x-treme](http://www.moso.eu/x-treme))

- Install a suitable, fixed, stable and durable sub frame.
- Determine which side of the board will be used: the reeded or flat side.
- Fix the boards on the sub frame using fasteners (to be inserted in the grooves of the board) or alternatively with screws (through the surface).
- Use a 1-2% slope and ensure good ventilation is available.
- After installation: make sure proper cleaning and maintenance is done, according to the chosen finish.
- When not applying outdoor oil regularly, the deck will acquire a grey colour tone and the typical bamboo wood grain structure will become less visible.
- Bamboo X-treme® is available pre-oiled or unfinished.  
 In order to maintain the rich brown colour an exterior penetrating oil for hardwoods is recommended to be applied 3 to 4 months after installation.  
 We advise to apply the initial coat 3-4 months after installation.
- For further info: please see the installation/maintenance instructions.

## technical characteristics and certifications

- Density: +/- 1150 kg/m<sup>3</sup>
- Dimensional stability: length: + 0.1%; width + 0.9% (24 hours in water 20°C)
- Resistance to Indentation - Brinell Hardness: ≥ 9.5 kg/mm<sup>2</sup> (EN 1534)
- Reaction to fire: Class Bfl-s1 (EN 13501-1)
- Flame spread index: Class A (ASTM E84)
- Slip resistance: USRV 55 (Dry), USRV 29 (Wet) (CEN/TS 15676) / R 10 (CEN/TS 16165 Annex B - DIN 51130) (Dry)
- Thermal emittance: 0.81 (ASTM C1371)\*
- Solar Reflectance (SR): 32 (ASTM C1549)\*
- Solar Reflectance Index (SRI): Low 27, Medium 30, High 33 (ASTM E1980)<sup>1)</sup>
- Modulus of Elasticity: 13565 N/mm<sup>2</sup> (mean value - EN 408)
- Breaking strength: 54.4 N/mm<sup>2</sup> (characteristic value - EN 408)
- Biological durability:  
 Class 1 (EN 350 / CEN/TS 15083-2), simulated graveyard test  
 Class 1 (EN 350 / CEN/TS 15083-1)
- Effectiveness against Blue Stain: Class 0 (EN 152)
- Use Class: Class 4 (EN 335)
- CO<sub>2</sub> neutral: LCA report TU Delft (ISO 14040/44) ([www.moso.eu/lca](http://www.moso.eu/lca))
- Environmental Product Declaration - EPD (EN 15804) ([www.moso.eu/epd](http://www.moso.eu/epd))
- FSC®: Products available with FSC® certification on request.
- Contribution LEED BD+C - v4: MR 1, MR 2, MR 3 (FSC®), EQ 2 v2009: MR 6, MR 7 (FSC®), IEQ 4.3, IEQ 4.4
- Contribution BREEAM: MAT 1, MAT 3 (FSC®), MAT 5 (HD)
- Guarantee: 25 years

<sup>1)</sup> Tested on 3 years weathered MOSO® Bamboo X-treme®.



The mark of responsible forestry  
 FSC® C002063