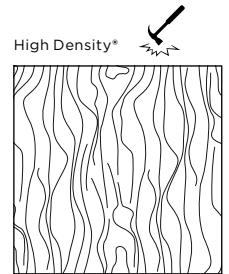
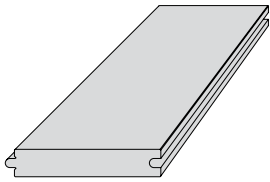


# MOSO® bamboo x-treme® 1x4 T&G

MOSO® Bamboo X-treme® 1x4 T&G is a solid, Thermo-Density® board, made from compressed bamboo strips. A special, heat-treatment process at 392°F (200°C) provides MOSO® Bamboo X-treme® the highest durability class possible in the appropriate European standard (see technical characteristics below) and increases the hardness and stability. These floor boards are very suitable for covered outdoor areas. They come pre-primed and thanks to the tongue and groove system the installation is fast and easy. MOSO® Bamboo X-treme® 1x4 T&G can be used for porch flooring, covered ceilings and soffits.



O: Pre-primed, B: Bevel (also on ends)  
The end of the boards are protected with wax.

Product Code	Grooved	Finish	Edges	Surface	End-matched	Size	Dimensions (")	Dimensions (mm)
BO-POR-18-96-PP	Yes	O	B	Smooth	Yes	1 x 4 x 6	3/4 x 3-7/8 x 72	18 x 96 x 1830

## installation summary

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

- Install a suitable, fixed, stable and durable joist system.
- The recommended maximum span for 18 mm is 12" on center - but your local building codes may be less.
- Each porch board must be installed flush and tight against the joist system with a fastener insert through the tongue and into the joist.
- Fasteners should be attached at 45 degrees from vertical into the groove on the tongue and into the porch board and joist below. Fasteners should be no larger than 18 gauge flooring cleats.
- The first board and final boards should be face screwed to the joist system using stainless steel screws, predrilled and countersunk.
- Use cross cut end sealer to help prevent splitting and checking at the ends of the boards.
- Maintenance and cleaning: Routinely remove debris from your porch flooring such as leaves, grass clippings by sweeping (with a soft bristle brush) or blowing them off. Power washing of the material is not recommended use only a regular hose and a gentle bristle brush to remove stuck on debris. In order to maintain its original color, you must coat the floor a few months after installation with a penetrating oil finish.

## technical characteristics and certifications

- Density: +/- 71.79 lbs/ft<sup>3</sup>
- Dimensional stability: length: + 0.1 %; width + 0.9% (24 hours in water 68°F)
- Resistance to Indentation - Brinell Hardness: ≥ 65.5 psi (EN 1534)
- Reaction to fire: Class Bfl-s1 (EN 13501-1)
- Flame spread index: Flame spread 25, Smoke developed 45 Class A (ASTM E84) / (CAN/ULC S102)
- Slip resistance - new material: USRV 55 (Dry), USRV 29 (Wet) (CEN/TS 16165 Annex C) / R 10 (CEN/TS 16165 Annex B - DIN 51130)
- Slip resistance - weathered material: USRV 100 (Dry) (CEN/TS 16165 Annex C) / R 11 (CEN/TS 16165 Annex B - DIN 51130)
- Thermal emittance: 0.81 (ASTM C1371)\*
- Solar Reflectance (SR): 32 (ASTM C1549)\*
- Solar Reflectance Index (SRI): Low 27, Medium 30, High 33 (ASTM E1980)\*
- Modulus of Elasticity: 13656 MPa (EN 408, equivalent ASTM D 198)
- Breaking strength: 54.4 MPa (EN 408, equivalent ASTM D 198)
- 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) ([moso.eu/lca](http://moso.eu/lca))
- Environmental Product Declaration - EPD (EN 15804) ([moso.eu/epd](http://moso.eu/epd))
- FSC®: Products available with FSC® certification on request.
- Contribution LEED BD+C - v4: MR 1, MR 2, MR 3 (FSC®) v2009: MR 6, MR 7 (FSC®)
- Contribution BREEAM: MAT 1, MAT 3 (FSC®), MAT 5 (HD)
- Warranty: 25 years

\*) Tested on 3 years weathered MOSO® Bamboo X-treme®



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