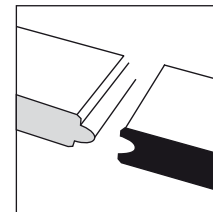


MOSO® Bamboo X-treme® Porch flooring or Soffit

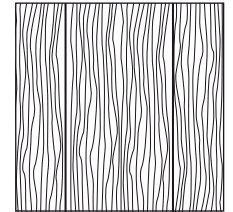
MOSO® Bamboo X-treme® Board is a solid, Thermo-Density® board, made from compressed bamboo strips. A special, thermal modification process at 392°F (200°C) provides MOSO® Bamboo X-treme® the highest durability class possible in the appropriate European standard (see technical characteristics below) and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



End-matched



High Density*



Product Code	Surface	Edge groove	End-matched	Edges	Size	Dimensions (")
BO-POR-18-96-UF	Smooth	Both sides	Yes	Macro Bevel	1 x 4 x 6	3/4 x 3 7/8 x 72

installation summary

- Install a suitable, fixed, stable and durable joist system.
- The recommended maximum span for 18 mm is 24" 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. Using 18 gauge flooring cleat nailer or countersunk trim head screws.
- 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 a 1-2% slope and ensure good ventilation.
- Unfinished Bamboo X-treme® Boards can be left to weather naturally or can be finished 3-4 months after installation.
- When not applying outdoor oil regularly, the deck will acquire a grey color tone and the typical bamboo grain structure will become less visible.
- Maintenance and cleaning: Routinely remove debris from your porch flooring such as leaves, grass clippings by seeping (with a stiff bristle brush) or blowing them off. Power washing of the material is not recommended use only a regular hose and a stiff bristle brush to remove stuck on debris.
- For further info: please see the maintenance instructions.
- Store in a cool and dry place away from direct sunlight, and protected from weather influences, dirt and dust.
- Full version available at ► www.moso-bamboo.com/x-treme/porch-flooring

technical characteristics and certifications

- Density: +/- 71.79 lbs/ft³
- Dimensional stability:
length: + 0.1%; width + 0.9% (24 hours in water 68°F)
- Resistance to Indentation - Average Brinell Hardness: ± 1,350 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 (WUI approved)
- Slip resistance - new material: USRV 55 (Dry), USRV 29 (Wet), USRV 91 (Dry),
USRV 42 (Wet) (Pendulum friction test - CEN/TS 16165 Annex C - CEN/TS 15676) /
R 10 (Shod ramp test - CEN/TS 16165 Annex B - DIN 51130) / Class C (Barefoot ramp test -
CEN/TS 16165 Annex A - DIN 51097)
- 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)¹⁾
- Solar Reflectance (SR): 0.32 (ASTM C1549)¹⁾
- Solar Reflectance Index (SRI): Low 27, Medium 30, High 33 (ASTM E1980)¹⁾
- Modulus of Elasticity: 13565 MPa (EN 408, equivalent ASTM D 198)
- Bending 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)
- CO₂ neutral: LCA report TU Delft (ISO 14040/44) (www.moso-bamboo.com/lca)
- Environmental Product Declaration - EPD (EN 15804) (www.moso-bamboo.com/epd)
- Contribution LEED BD+C - v4: MR 1, MR 2, MR 3 (FSC®), EQ 2, SS 7
v2009: MR 6, MR 7 (FSC®), IEQ 4.3, IEQ 4.4
- Contribution BREEAM: MAT 1, MAT 3 (FSC®), MAT 5 (HD)
- Warranty: 25 years

¹⁾ Tested on 3 years weathered MOSO® Bamboo X-treme®.



breeam

Check out the full installation instruction ►

