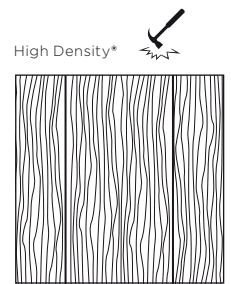


# MOSO® Bamboo X-treme® Outdoor 2x2 Deck Tile

MOSO® Bamboo X-treme® 2x2 Deck Tile is a solid, Thermo-Density® decking tile, 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 deck tiles are very suitable for commercial or residential rooftop terraces and plazas. Also on uneven surfaces (including cracked concrete patios) these tiles perform very well.



Product Code	Surface	Edges	Weight (lbs)	Size	Dimensions (")
BO-DKTL38-8S-UF	Smooth	Macro Bevel	23.1	2 x 2	1-1/2 x 23-7/8 x 23-7/8

## installation summary

- Install a suitable, fixed, stable and durable pedestal system. MOSO® Bamboo X-treme® Outdoor 2x2 Deck Tiles are not built for one specific pedestal manufacture. Please consult manufactures specification before installation.
- To make sure the tiles are always well leveled, place a biscuit/disc (in the corner notch of the tile) to connect the tile with the pedestal.
- The recommended maximum spacing for tile pedestals is 24" on center - please consult local building codes.
- Unfinished Bamboo X-treme® Deck Tiles can be left to weather naturally or can be finished 3-4 months after installation.
- Maintenance and cleaning: Routinely remove debris from your deck tiles such as leaves, grass clippings by sweeping (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. In order to maintain its original color, you must coat the deck tiles 3-4 months after installation with a penetrating oil finish.
- 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.

## 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 - 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)<sup>1)</sup>
- Solar Reflectance (SR): 0.32 (ASTM C1549)<sup>1)</sup>
- Solar Reflectance Index (SRI): Low 27, Medium 30, High 33 (ASTM E1980)<sup>1)</sup>
- 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)
- 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))
- Contribution LEED BD+C - v4: MR 1, MR 2, EQ 2, SS 7 v2009: MR 6, MR 7 (FSC\*), IEQ 4.3, IEQ 4.4
- Contribution BREEAM: MAT 1, MAT 5 (HD)
- Warranty: 25 years

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



bream