

WARRANTY
25
YEARS



MOSO®

MOSO Office (377 sqft) Barcelona, Spain



Santos Moreira architect
Pedro Machado

Private Residence Paços de Ferreira
(808 sqft) Paços de Ferreira, Portugal

The Versailles Apartment Complex
(4,500 sqft) Philadelphia, United States of America



Ebuft Incorporated
Ryan Paul Marchese

MOSO® Bamboo X-treme® Fencing

MOSO® Bamboo X-treme® fence boards are solid, Thermo-Density® exterior boards, made from compressed bamboo strips. A special, unique heat-treatment process at 392°F (200°C) provides MOSO® Bamboo X-treme® with the highest durability class possible in the appropriate European standards and increases the hardness and stability. The fence boards, equipped with a tongue/groove connection, are mounted between posts with U-profiles (not provided by MOSO®). 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.



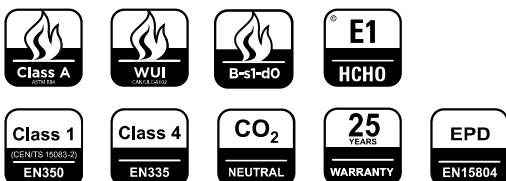
*) Also on ends.

Unfinished	Grooved	Edges*	Surface	End-matched	Effective width (mm)	Size	Dimensions (")	Dimensions (mm)
BO-DTHT302TG-UF	Yes	Macro Bevel	Smooth	No	131	1 x 6	3/4 x 5 3/8 x 72	20 x 137 x 1830

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 - Brinell Hardness: ≥ 65,5 psi (EN 1534)
- Reaction to fire: Class B-s1-d0 (EN 13501-1)¹⁾
- Flame spread index: Flame spread 25, Smoke developed 45 Class A (ASTM E84) / CAN/ULC S102 (WUI approved)
- Thermal emittance: 0,81 (ASTM C1371)²⁾
- Solar Reflectance (SR): 0,32 (ASTM C1549)²⁾
- Solar Reflectance Index (SRI): Low 27, Medium 30, High 33 (ASTM E1980)²⁾
- 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)
- FSC®: Products available with FSC® certification on request.
- Contribution LEED BD+C - v4: MR 1, MR 2, MR 3 (FSC®), EQ 2, SS 7 v2009: MR 6, MR 7 (FSC®)
- Contribution BREEAM: MAT 1, MAT 3 (FSC®), MAT 5 (HD)
- Warranty: 25 years

¹⁾ Tested on 18 mm thickness, without gaps between boards, with ventilation space behind boards.
²⁾ Tested on 3 years weathered MOSO® Bamboo X-treme®.



Only available on special request.



The mark of responsible forestry
FSC® C002063



breeam