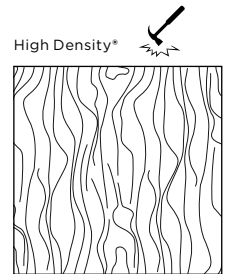
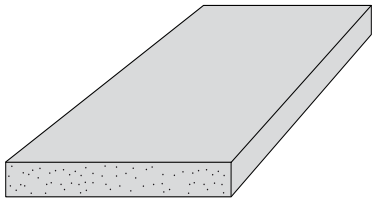


MOSO® bamboo x-treme® lumber

MOSO® Bamboo X-treme® lumber 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 products are used in a variety of applications such as trim or skirt boards and other applications where a wider board is desired.



Product Code	Material	Finish	Surface	Size	Dimensions (")	Dimensions (mm)
BO-LUM20-305	Thermo Density® bamboo	Unfinished	Smooth	1 x 12 x 6	3/4 x 12 x 73	20 x 305 x 1860

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)
- Flame spread index: Flame spread 25, Smoke developed 45
Class A (ASTM E84) / (CAN/ULC S102)
- 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: 13565 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)
- CO2 neutral: LCA report TU Delft (ISO 14040/44) (www.moso.eu/lca)
- Environmental Product Declaration - EPD (EN 15804) (www.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®



The mark for responsible forestry
FSC® C002063
www.fsc.org
Only the products defined as such,
are FSC certified



breeam