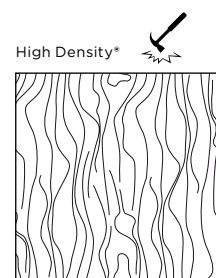
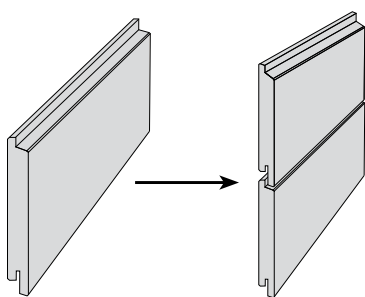


MOSO® Bamboo X-treme® Outdoor Siding

MOSO® Bamboo X-treme® siding is a solid, Thermo-Density® exterior 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, increases the stability and density, and consequently the hardness. Furthermore, contrary to other wood products, this product achieves fire resistance Class A (ASTM E84) without impregnation with expensive and eco-damaging fire retardants. MOSO® Bamboo X-treme® siding is available as a shiplap profile and can be installed with fasteners or screws. Bamboo X-treme® will weather over time to a silver patina.



UF: Unfinished, B: Bevel (also on ends), S: Smooth.
Also available with FSC® certification.

Product Code	Finish	Edges	Surface	End-matched	Size	Dimensions (")	Actual width (mm)	Dimensions (mm)
BO-SID18-137	UF	B	S	Yes	1 x 6 x 6	3/4 X 5-3/8 X 73	128	18 x 137 x 1850
BO-SID18-178	UF	B	S	Yes	1 x 8 x 6	3/4 x 7 x 73	173	18 x 178 x 1850

installation summary

(full version available on www.moso-bamboo.com/x-treme)

- Apply a waterproof membrane against the wall and screw vertical battens onto that.
- Each board should be fixed on at least 3 battens: so the maximum centre-to-centre distance between the battens / beams is 24".
- Install the first, bottom, row of fasteners on the battens and place the first row of boards onto them.
- Place the second row of fasteners/boards and continue like this with the whole surface.
- For further info: please see the installation / maintenance instructions.

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 (WUI approved)
- 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®

