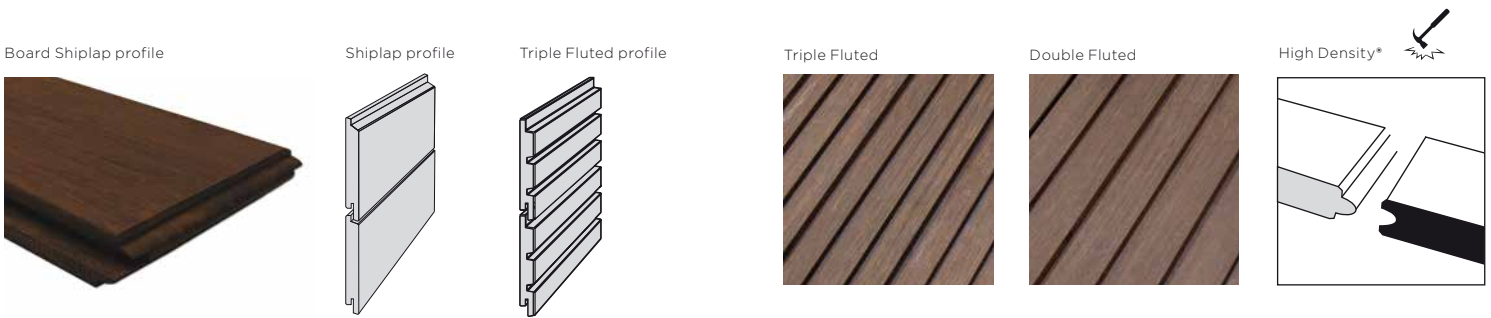


MOSO® Bamboo X-treme® Outdoor Rainscreen & Accent Siding

MOSO® Bamboo X-treme® Siding is a solid, Thermo-Density® exterior 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, 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.



| Product Code | Profile | Surface | End-matched | Overlap groove | Edges | Size | Dimensions (") | Actual width (") |
|---------------|---------------|---------|-------------|----------------|-------------|-----------|----------------------|------------------|
| BO-SID18-137 | Shiplap | Smooth | Yes | R3 | Square Edge | 1 x 6 x 6 | 3/4 X 5-3/8 X 73 | 5 3/8 |
| BO-SID18-178 | Shiplap | Smooth | Yes | R3 | Square Edge | 1 x 8 x 6 | 3/4 x 7 x 73 | 7 |
| BO-DTHT520G | Triple Fluted | Smooth | Yes | R1 | Eased Edge | 1 x 6 x 6 | 3/4 x 5-3/8 (5) x 73 | 5 3/8 |
| BO-DTHT520G-2 | Double Fluted | Smooth | Yes | R1 | Eased Edge | 1 x 6 x 6 | 3/4 x 5-3/8 (5) x 73 | 5 3/8 |

installation summary

- Apply a waterproof membrane to 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 MOSO® Fasteners on the battens and place the first row of boards onto them or face screw.
- Place the second row of fasteners/boards and continue like this with the whole surface.
- Don't forget to make sure you float a fastener at the end-match when floating the joint. The fastener will provide added support and maintain proper spacing between the boards.
- Don't forget to make sure that when installing the Bamboo X-treme® Siding vertically you put a mechanical fastener through the bottom of the board for extra support.
- For further info: please see the installation / maintenance instructions.
- MOSO warrants the bamboo material and the mounting materials (fastener/screw) it supplies but does not warrant the connection with other materials (such as sub frame joists/battens). It is the responsibility of the installer to make sure the used screw matches such materials during the full lifetime of the product.
- 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/siding
- More information about the MOSO® Fasteners (CLIPSCREW-BX08) at ▶ www.moso-bamboo.com/x-treme/accessories



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: ±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 (WU 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)
- 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®.



breeam

Check out the full installation instruction ▶

