MOSO® Bamboo N-finity cladding is a solid, laminated bamboo board that is impregnated for outdoor use. The special impregnation process provides the product the highest durability class possible following EU norm EN 350 (see technical characteristics below). MOSO® Bamboo N-finity cladding is available in two standard lengths, and on request even in lengths up to 5800 mm. The extraordinary length is achieved by connecting the strips with a special patented hook connection. MOSO® Bamboo N-finity cladding is available in 2 shapes: a rebated profile and a trapezium shape. The former is installed with fasteners and screws and the latter with screws. Like any untreated tropical hardwood species, when exposed to outdoor conditions, MOSO® Bamboo N-finity will turn grey over time creating a very natural look.

- Bamboo N-finity does not require a finish, unless the surface is processed (drilled, sanding, etc).
- Installation summary

**Installation summary**

- Apply a waterproof membrane against the wall and screw vertical battens (at least 10 mm thick, 60 mm wide) onto that, creating a rigid flat surface onto which the boards can be fixed.
- Fix the cladding boards, starting with the lowest row of boards.
- Trapezium version: Use a countersink drill to pre-drill the screw holes; always use 2 fasteners on each batten. The boards must be placed fully level. Make sure the screws used are suitable for the material used as battens. Install the second row of batten, using a minimum 6 mm spacing. Continue with other rows.
- Rebated version: Use the MOSO® Fastener (CLIPSCREW -BX04) to fix the boards onto the battens; always use 2 fasteners on each batten. The boards must be placed fully level. Make sure the screws used are suitable for the material used as battens. Install the second row of batten, using a minimum 6 mm spacing. Continue with the rest of the rows.
- Product: Use MOSO® Cladding (BO-IL500-540) to fix the boards onto the battens, always use 2 fasteners on each batten. The boards must be placed fully level. Make sure the screws used are suitable for the material used as battens. Continue with the rest of the rows.
- Bamboo N-finity can be processed similar to wood (cutting, planing, drilling, sanding, etc).
- Bamboo N-finity does not require a finish, unless the surface is processed (drilled, cut, planed) and the anti-fungal protection has been disrupted. In that case, a protective anti-fungus layer has to be reapplied.

**Technical characteristics and certifications**

- Density: ≤700 kg/m³
- Shrink/Swell: ≤0.45% per 1% change in Moisture Content
- Resistance to Indentation - Brinell hardness: ≤4 kg/mm² (EN 1554)
- Reaction to fire: Class D-s2-d0 (EN 13501-1)
- Impregnation preservatives: comply with European biocide product regulation (BPR) and are not listed in the restrictions list of Reach Annex XVIII candidate list
- Biological durability: Class 1 (EN 335 / CEN/TS ISO 20839-1)
- Effectiveness against surface fungi: Class 0; Strong fungic static (EN 60946), impregnation only superficial (2-3 mm)
- Use: Class: Class 2 (EN 335)
- FSC®: Products available with FSC® certification on request
- Contribution LEED® BD+C - v2009: MB 1, MR 2, MR 3 (FSC®)
- LEED® BD+C - v2009: MB 5, MR 7 (FSC®)
- Contribution BREEAM MAT 1, MAT 2 (FSC®)

**Please note before installation**

- Bamboo N-finity does not require a finish, unless the surface is processed (drilled, cut, planed) and the anti-fungal protection has been disrupted. In that case, a protective anti-fungus layer has to be reapplied.
- MOSO® Bamboo outdoor cladding is a solid, laminated bamboo beams that are impregnated for outdoor use. A special impregnation process provides the product the highest durability class possible following EU norm EN 350 (see technical characteristics below).
- The bamboo strips are connected with a special patented hook connection. The standard product is supplied with pre-profiled rounded edges, available in 5 dimensions with a length of 2 metres, and is ideal for furniture applications, cladding or sunblinds. MOSO® Bamboo N-finity beams can be produced, on request, with various dimensions up to a maximum length of 5800 mm. MOSO® Bamboo N-finity outdoor laminated bamboo has been tested for mechanical properties (bending, tension, compression, shear) and can also be applied as structural beams.

**Product Code**

- BO-IL500-540: Rebated Yes Unfinished B F No 131 2400x140x18
- BO-IL510-240: Rebated Yes Unfinished B F No 131 2400x140x18
- BO-IL510-540: Rebated Yes Unfinished B F No 131 5400x140x18
- BO-IL510-240: Rebated No Unfinished B F No 131 2400x140x18
- BO-IL510-540: Rebated No Unfinished B F No 131 5400x140x18

**Technical characteristics and certifications**

- Density: ≤700 kg/m³
- Shrink/Swell: ≤0.45% per 1% change in Moisture Content
- Resistance to Indentation - Brinell hardness: ≤4 kg/mm² (EN 1554)
- Reaction to fire: Class D-s2-d0 (EN 13501-1)
- Module of Elasticity: 9721 N/mm² (SP), 8866 N/mm² (PP) (EN 408)
- Bending strength: ≥5.7 N/mm² (SP), 5.0 N/mm² (PP) (EN 408)
- Impregnation preservatives: comply with European biocide product regulation (BPR) and are not listed in the restrictions list of Reach Annex XVIII candidate list
- Biological durability: Class 1 (EN 335 / CEN/TS ISO 20839-1)
- Effectiveness against surface fungi: Class 0; Strong fungic static (EN 60946), impregnation only superficial (2-3 mm)
- Use: Class: Class 3 (EN 335)
- FSC®: Products available with FSC® certification on request
- Contribution LEED® BD+C - v2009: MB 1, MR 2, MR 3 (FSC®)
- LEED® BD+C - v2009: MB 5, MR 7 (FSC®)
- Contribution BREEAM MAT 1, MAT 3 (FSC®)