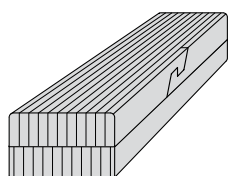


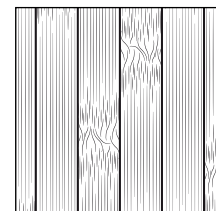
MOSO® bamboo n-finity outdoor beams

MOSO® Bamboo N-finity Beams are 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 applications like 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.



Side Pressed



Product Code	Construction	Finish	Bevel	Dimensions (mm)
BO-IL2173-200	2x18mm	Unfinished	R=3mm	2000x40x36
BO-IL2172-200	2x18mm	Unfinished	R=3mm	2000x60x36
BO-IL2171-200	2x18mm	Unfinished	R=3mm	2000x80x36
BO-IL2176-200	2x18mm	Unfinished	R=3mm	2000x100x36
BO-IL2177-200	2x18mm	Unfinished	R=3mm	2000x120x36

Other dimensions can be produced custom made: maximum beam size 5800 x 200 x 120 mm or 5800 x 120 x 200 mm.

please note before installation

- Cutting, planing and sanding should be avoided as it removes the anti-fungal protection.
- Bamboo N-finity does not require a finish, unless you want to slow down its natural weathering behavior. The material will turn light grey if you do not apply any finish.
- To finish the material we advise the use of Sikkenes Cetol Savannah, which is a Saturator.

technical characteristics and certifications

- Density: +/- 700 kg/m³
- Shrink/Swell: 0.14% per 1% change in Moisture Content
- Resistance to Indentation - Brinell Hardness: ≥ 4 kg/mm² (EN 1534)
- Reaction to fire: Class D-s2-d0¹⁾ (EN 13501-1)
- Modulus of Elasticity: 9721 N/mm² (SP), 8866 N/mm² (PP) (EN 408)
- Bending strength: 56.7 N/mm² (SP), 50.8 N/mm² (PP) (EN 408)
- Impregnation preservatives: comply with European biocide product regulation (BPR) and are not listed on the restrictions list of REACH Annex XVII/candidate list
- Biological durability: Class 1 (EN 350 / CEN/TS 15083-1)
- Effectiveness against surface fungi: Class 0, Strong fungi static (EN ISO 846), Impregnation only superficial (2-3 mm)
- Use Class: Class 3 (EN 335)
- 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®)

¹⁾ Tested on 18 and 36 mm thickness, without gaps between boards, with ventilation space behind boards.



breeam



The mark of responsible forestry
FSC® C002063