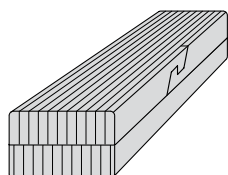


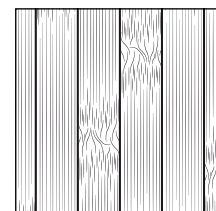
# MOSO® bamboo n-finity outdoor beams

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 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.



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

- 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/m<sup>3</sup>
- Shrink/Swell: 0.14% per 1% change in Moisture Content
- Resistance to Indentation - Brinell Hardness: ≥ 4 kg/mm<sup>2</sup> (EN 1534)
- Reaction to fire: Class D-s2-d0 (EN 13501-1)
- Modulus of Elasticity: 9721 N/mm<sup>2</sup> (SP), 8866 N/mm<sup>2</sup> (PP) (EN 408)
- Bending strength: 56.7 N/mm<sup>2</sup> (SP), 50.8 N/mm<sup>2</sup> (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®)



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