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.

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 Sikkens Cetol Savannah, which is a saturator.

protein 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-d0 (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 I (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®)

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

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Construction</th>
<th>Finish</th>
<th>Bevel</th>
<th>Dimensions (mm)</th>
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<tbody>
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<td>BO-IL2173-200</td>
<td>2x18mm</td>
<td>Unfinished</td>
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