

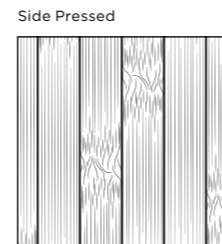
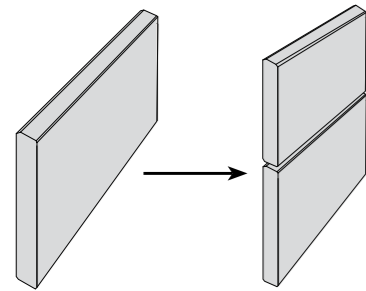
MOSO[®] bamboo n-finity outdoor products



MOSO® bamboo n-finity outdoor cladding

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. The trapezium shaped cladding can be installed 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.



B: Bevel, F: Flat, T/G: Tongue/Groove

Product Code	Grooved	Finish	Edges	Surface	Head-side T/G	Effective width (mm)	Dimensions (mm)
BO-IL510-540	No	Unfinished	B	F	No	131	5400x140x18
BO-IL510-240	No	Unfinished	B	F	No	131	2400x140x18

Other dimensions can be produced custom made.

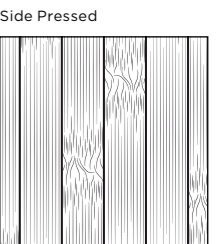
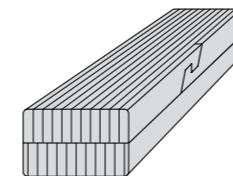
technical characteristics and certifications

- 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-d0 (EN 13501-1)
- 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 / EN 113)
- 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®)

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).

MOSO® Bamboo N-finity beams have a standard length of 2 meter but can be produced, on request, up to a maximum length of 5800 mm. The extraordinary length is achieved by connecting the strips with a special patented hook connection. The standard product, which is supplied with pre-profiled rounded edges and available in 5 dimensions, is ideal for furniture applications. 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	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.

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-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 1 (EN 350 / EN 113)
- 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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