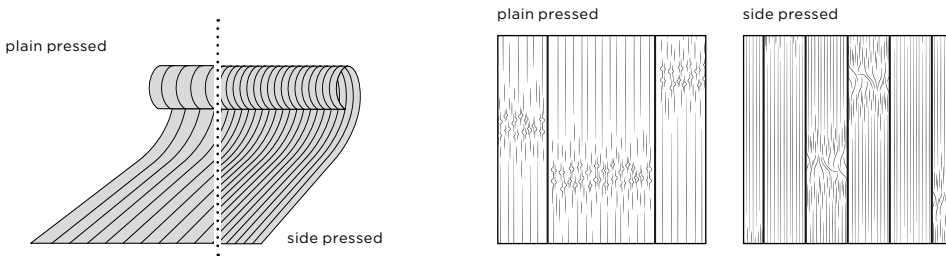


# veneer

MOSO® bamboo veneer is a high quality veneer, developed and patented exclusively by MOSO® (Patent nr. NL 1019971), which is created by slicing sheets from laminated blocks made from bamboo strips. To avoid cracks during handling, MOSO® bamboo veneer is backed with a thin, but strong cellulose fleece. This facilitates easy pressing of the veneer sheets on a panel, which enables the use in multiple applications in the building and interior design industry. MOSO® bamboo veneer is available in various sizes, colours and styles and can be supplied with formaldehyde free adhesive (E0 norm) and FSC®-certification. MOSO® bamboo veneer is mainly offered in A-selection (regular in colour) and can be processed with a minimum of cutting and selection waste.



PP: Plain Pressed, SP: Side Pressed

Natural	Caramel	Chocolate	Style	Thickness (mm)	Dimensions (mm)
BV-PPN100	BV-PPC150		PP	0.6	2500x430
BV-PPN104	BV-PPC154		PP	0.6	2500x1250
BV-PPN138	BV-PPC188		PP	0.6	2710x430
BV-SPN100	BV-SPC150	BV-SPHT150	SP	0.6	2500x430
BV-SPN104	BV-SPC154		SP	0.6	2500x1250
BV-SPN138	BV-SPC188		SP	0.6	2710x430
BV-SPN145	BV-SPC195		SP	0.6	3100x430
BV-SPN146	BV-SPC196		SP	0.6	3100x1250

## application

MOSO® veneer normally is pressed, double sided, on panels (like chipboard, multiplex or MDF). The backing is a cellulose fleece which is bonded with D3 water-resistant PVAC glue. The cellulose backing can endure shortly temperatures above 220 degrees Celsius, for example when splicing the sheets. When pressed under high pressure and high temperature a considerable cooling time should be taken into account before stacking the cooled (max. 60°C) panels. To press the backed bamboo veneer MOSO® advises to carry out a glue test first, to determine the exact pressing time, temperature and pressure. The standard thickness of the veneer is 0.6mm: 0.5mm bamboo and 0.1mm backing material. In case the veneer gets sanded, the end-thickness should be minimum 0.2mm.

## technical characteristics

- Density (Product): +/- 700 kg/m<sup>3</sup>
- Top layer thickness / Wear layer: 0.6mm
- Shrink/Swell: 0.14% per 1% change in Moisture Content
- Equilibrium MC: 10% at 20°C and 65% rel. Air Humidity  
8% at 20°C and 50% rel. Air Humidity
- Resistance to Indentation - Brinell Hardness: depending on used substrate (EN 1534)
- Formaldehyde emission: Class E1 (< 0.124 mg/m<sup>3</sup>, EN 717-1) / Class E0 (< 0,025 mg/m<sup>3</sup>)<sup>3)</sup>
- Class E1 (<0.100 ppm) / Class E0 (<0.020 ppm)<sup>3)</sup> (ASTM E 1333-96)
- Use Class: Class 1 (EN 335)
- Glue: D3 water resistant
- Backing: Non woven cellulose fleece
- FSC®: Products available with FSC® certification on request.
- Contribution LEED BD+C - v4: MR 1, MR 2, MR 3 (FSC®), EQ2 v2009: MR 6, MR 7 (FSC®), IEQ 4.4 (if requested as E0)
- Contribution BREEAM: HEA 2, MAT 1, MAT 3 (FSC®)

<sup>3)</sup> Available on request - E0 class is an unofficial formaldehyde emission class, but it is commonly used to indicate that the product is produced with No Added Formaldehyde (NAF) glues. E0 products automatically qualify for the official E1 class according EN 717-1.



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