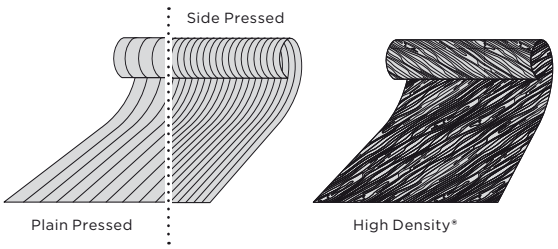
MOSO® Bamboo Veneer

MOSO® Bamboo Veneer is a high quality veneer, which is created by slicing sheets from laminated blocks made from bamboo strips. To avoid cracks during handling, MOSO® 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 industries. 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® Veneer is mainly offered in A-selection (regular in colour) and can be processed with a minimum of cutting and selection waste.



Plain Pressed
Caramel

Side Pressed
Ecru/Caramel

High Density®
Caramel

*) High Density® veneer contains finger joints.

Ecru	Caramel	Style	Thickness (mm)	Dimensions (mm)
	BV-PPC150	Plain Pressed	0.6	2500x430
	BV-PPC154	Plain Pressed	0.6	2500x1250
BV-SPE200	BV-SPC150	Side Pressed	0.6	2500x430
BV-SPE204	BV-SPC154	Side Pressed	0.6	2500x1250
BV-SPE245	BV-SPC195	Side Pressed	0.6	3100x430
BV-SPE246	BV-SPC196	Side Pressed	0.6	3100x1250
	BV-DT154*	High Density®	0.5	2500x1250

application

MOSO® Veneer is normally 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 short periods of 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 allowed 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 0.6 mm: 0.5 mm bamboo and 0.1 mm backing material. In case the veneer gets sanded, the end-thickness should be minimum 0.2 mm.

Full version available at ▶ **www.moso-bamboo.com/veneer**

technical characteristics and certifications

- Density (Product): +/- 700 kg/m³
- Top layer thickness / Wear layer: 0.6 mm
- Equilibrium MC: 10% at 20°C and 65% rel. Air Humidity
  8% at 20°C and 50% rel. Air Humidity
- Resistance to Indentation - Mean value Brinell Hardness: depending on used substrate (EN 1534)
- Formaldehyde emission: Class E1 (< 0.124 mg/m³, EN 717-1) / Class E0 (< 0,025 mg/m³) [1)]
- Class E1 (< 0.100 ppm) / Class E0 (< 0.020 ppm) [1)] (ASTM E 1333-96)
- Use Class: Class 1 (EN 335)
- Glue: D3 water resistant
- Backing: Non woven cellulose fleece
- CO_2 neutral: LCA report TU Delft (ISO 14040/44) (moso-bamboo.com/lca)
- Environmental Product Declaration - EPD (EN 15804) (moso-bamboo.com/epd)
- 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®)

[1)] 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.

EN-202201

E1 HCHO · CO_2 NEUTRAL · EPD EN15804 · breeam · FSC www.fsc.org · The mark of responsible forestry FSC® C002063