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 (EO norm) and FSC®-certification. MOSO® bamboo veneer is mainly offered in A-selecion (regular in colour) and can be processed with a minimum of cutting and selection waste.

### Technical characteristics

- **Natural Density (Product):** +/- 700 kg/m³
- **Natural Top layer thickness / Wear layer:** 0.6mm
- **Natural Shrink/Swell:** 0.14% per 1% change in Moisture Content
- **Natural Equilibrium MC:** 10% at 20°C and 65% rel. Air Humidity
- **Natural Resistance to Indentation • Brinell Hardness:** depending on used substrate (EN 1534)
- **Natural Formaldehyde emission:** Class E1(< 0.124 mg/m³; EN 717-1) / Class E0 (< 0.025 mg/m³) / Class E1(< 0.100 ppm) / Class E0 (< 0.020 ppm) (ASTM E 1333-96)
- **Natural Use Class:** Class 1 (EN 335)
- **Natural Glue:** D3 water resistant
- **Natural Backing:** Non woven cellulose fleece
- **Natural FSC®:** Products available with FSC® certification on request.
- **Natural Contribution LEED BD+C - v4:** MR 1, MR 2, MR 3 (FSC®);
- **Natural EQ2 v2009:** MR 6, MR 7 (FSC®);
- **Natural IEQ 4.4:** (if requested as EO)
- **Natural Contribution BREEAM:** HEA 2, MAT 1, MAT 3 (FSC®)

### 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 PVC 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.