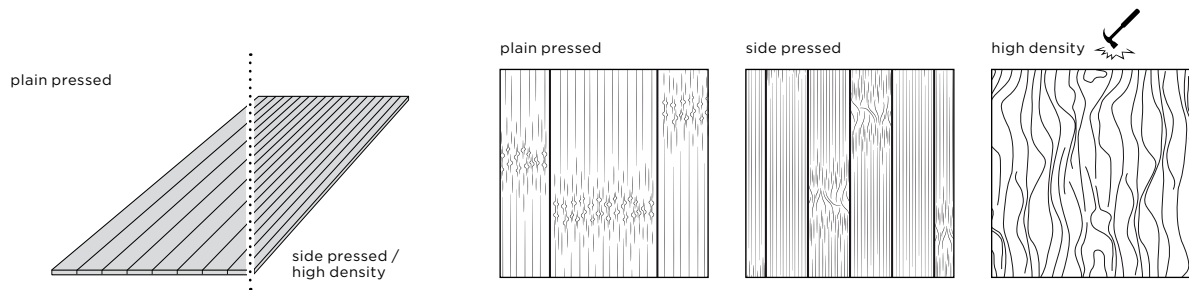


# 1-ply panel

MOSO 1-ply panel is mainly used as a panel covering material, where the bamboo is pressed, double sided, on a base (for example MDF or chipboard). Most applications require pressing on both sides of the base, to prevent possible bending. The result is a “sandwich panel”.



**PP:** Plain Pressed, **SP:** Side Pressed, **HD:** High Density  
 \*) Mix of natural and caramel strips.

Natural	Caramel	Chocolate	Tiger*	Style	Thickness (mm)	Construction (mm)	Dimensions (mm)
BP-1P800	BP-1P850			PP	3	1x3	2440x1220
BP-1P102	BP-1P152			PP	5	1x5	2210x610
BP-1P802	BP-1P852			PP	5	1x5	2440x1220
BP-SP300	BP-SP350			SP	3	1x3	2440x1220
BP-SP102	BP-SP152			SP	5	1x5	2210x610
BP-SP302	BP-SP352			SP	5	1x5	2440x1220
BP-DT400	BP-DT450	BP-DT450-DC	BP-DT450-NP	HD	4	1x4	2440x1220

## application

**Attention:** before pressing the panels both glue surfaces have to be sanded to create an optimal adhesion between the panels. This is especially important for cold pressing where multiple panels are piled and pressed at the same time.

- Advised room conditions: temperature approx. 20°C. Air humidity 50-65%.

## technical characteristics

- Density (Product): +/- 700 kg/m<sup>3</sup> (SP/PP), +/- 1050 kg/m<sup>3</sup> (HD)
- Top layer thickness / Wear layer: 3-5mm<sup>1)</sup> (SP/PP), 4mm (HD)
- Shrink/Swell: 0,14% per 1% change in Moisture Content (SP/PP)
- Equilibrium MC: 10% at 20°C and 65% rel. Air Humidity (SP/PP)  
8% at 20°C and 50% rel. Air Humidity (SP/PP)
- Resistance to Indentation - Brinell Hardness: ≥ 4 kg/mm<sup>2</sup> (SP/PP),  
≥ 9,5 kg/mm<sup>2</sup> (HD) (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>
- Use Class: Class 1 (EN 335)
- Glue: D3 water resistant
- Contribution LEED BD+C - v4: MR1, MR2, EQ2  
v2009: MR 6, IEQ 4.4 (if requested as E0)
- Contribution BREEAM: HEA 2, MAT 5 (HD)

<sup>1)</sup> Depending on thickness version.

<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.