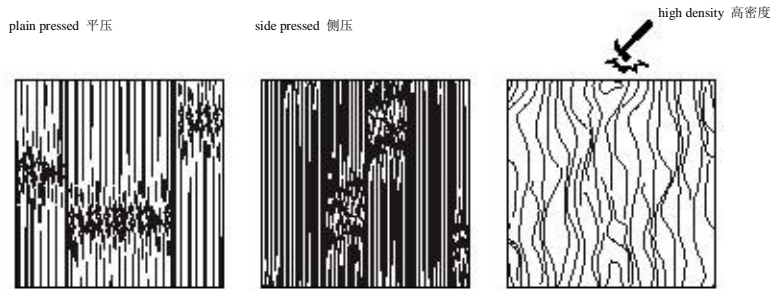


# solid panel 实竹板

MOSO solid panel is a visually appealing board product that consists of multiple layers of bamboo, available in multiple variations with respect to size, thickness, configuration, style and colour. These bamboo panels are especially interesting in those applications where the side of the panel remains visible, such as steps of a staircase, furniture and kitchen work tops. MOSO实竹板是一种视觉效果非常吸引人的板材，它由多层竹材组成，可用于大小，厚度，配置，款式和颜色等的不同选择。这些竹板因为侧面结构的可见常被用于例如楼梯的台阶，家具和厨房工作台面等。



FPO: FSC® certified + E0 (urea formaldehyde free glue), PP: Plain Pressed, SP: Side Pressed, HD: High Density (outer layers)  
\*) Thermo treated (outer layers), \*\*) Mix of natural and caramel strips.

本色	碳化	巧克力色*	虎纹**	FSC®	结构	厚度 (mm)	结构 (mm)	尺寸 (mm)
BP-MP1230	BP-MP1280				PP	16	3,5-9-3,5	2440x1220
BP-MP1210	BP-MP1260			-FPO	PP	20	4-12-4	2440x1220
BP-5P131	BP-5P181				PP	20	5x4	2440x1220
BP-MP1215	BP-MP1265				PP	25	4-17-4	2440x1220
BP-MP1240	BP-MP1290				PP	30	5-20-5	2440x1220
BP-5P105	BP-5P155				PP	40	4-8-16-8-4	2440x1220
BP-5P140	BP-5P190				PP	40	4-6-20-6-4	3000x700
BP-5P145	BP-5P195				PP	40	4-6-20-6-4	4000x620
BP-MP400	BP-MP450				SP	7	2-3-2	2440x1220
BP-MP1430	BP-MP1480				SP	16	3,5-9-3,5	2440x1220
BP-SP800	BP-SP850				SP	19	1x19	2440x1220
BP-MP1410	BP-MP1460			-FPO	SP	20	4-12-4	2440x1220
		BP-MP1660*			SP	20	4-12-4	2440x1220
BP-MP1415	BP-MP1465				SP	25	4-17-4	2440x1220
BP-MP1440	BP-MP1490				SP	30	5-20-5	2440x1220
BP-5P205	BP-5P255				SP	40	4-8-16-8-4	2440x1220
BP-5P240	BP-5P290				SP	40	4-6-20-6-4	3000x700
BP-5P245	BP-5P295				SP	40	4-6-20-6-4	4000x620
BP-DT1000	BP-DT1050				HD	20	4-12-4	2440x1220
			BP-DT1050-NP		HD	20	4-12-4	2440x1220
BP-DT5000	BP-DT5050				HD	38	3-6-20-6-3	2440x1220

## application 应用

- 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%.
- The MOSO solid panels always have one exposed side and one backside. The backside generally contains more colour variation than the exposed side.
- The inner layers of MOSO solid panels consist of multiple, separated segments, which can lead to some small voids in these layers.

These voids have to be filled when finishing the panel. This is done to optimize the stability of the panels. The middle layers of the 3m and 4m panels can contain segments which have been connected by fingerjoints.

注意：在压制面板之前，两个涂胶面需先砂光以便于在两面板之间创造最佳粘合力。这对于多个面板堆积并同时压制的冷压是尤为重要的。

建议室内适宜条件：温度约20°C。空气湿度50-65%。

MOSO实竹板有正反面，通常反面会有一些色差存在。

MOSO实竹板的包有多层结构，在这些结构层中会存在一些小空隙。油漆之前需要把这些空隙用腻子补好，这样能增加木材的稳定。3m和4m板的中间层有指接板。



## technical characteristics 技术参数

- Density (Toplayer): +/- 700 kg/m<sup>3</sup> (SP/PP), +/- 1050 kg/m<sup>3</sup> (HD)
- Top layer thickness / Wear layer: 3,5-5mm 1) (SP/PP), 3-4mm 1) (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)
- Reaction to fire: Class D-s1 2) (SP/PP) (EN 13501-1)
- Formaldehyde emission: Class E1 (< 0,124 mg/m<sup>3</sup>, EN 717-1) / Class E0 (< 0,025 mg/m<sup>3</sup>) 3)
- Modulus of Elasticity: +/- 4300 N/mm<sup>2</sup> (40mm) 4) (EN 789)
- Glue: D3 water resistant
- Contribution LEED BD+C - v4: MR1, MR2, EQ2, MR3 (FSC®) / v2009: MR 6, MR 7 (FSC®), IEQ 4.4 (if requested as E0)
- Contribution BREEAM: HEA 2, MAT 1, MAT 3 (FSC®), MAT 5 (HD)
- 密度 (上层): +/- 700 kg/m<sup>3</sup> (SP/PP), +/- 1050 kg/m<sup>3</sup> (HD)
- 顶层厚度/耐磨层: 3,5-5mm 1) (SP/PP), 3-4mm 1) (HD)
- 收缩/膨胀: 每1%的变化含水率为0.14% (SP/PP)
- 平衡含水率: 20度, 65%相对空气湿度下10% (SP/PP); 20度, 50%相对空气湿度下8% (SP/PP)
- 耐压痕 - 布氏硬度: ≥ 4 kg/mm<sup>2</sup> (SP/PP), ≥ 9,5 kg/mm<sup>2</sup> (HD) (EN 1534)
- 防火等级: Class D-s1 2) (SP/PP) (EN 13501-1)
- 甲醛释放量: Class E1 (< 0,124 mg/m<sup>3</sup>, EN 717-1) / Class E0 (< 0,025 mg/m<sup>3</sup>) 3)
- 弹性模量: +/- 4300 N/mm<sup>2</sup> (40mm) 4) (EN 789)
- 胶水: D3防水
- 贡献版本: MR1, MR2, EQ2, MR3 (FSC®) / v2009: MR 6, MR 7 (FSC®), IEQ 4.4 (E0级)
- 贡献实业: HEA 2, MAT 1, MAT 3 (FSC®), MAT 5 (HD)