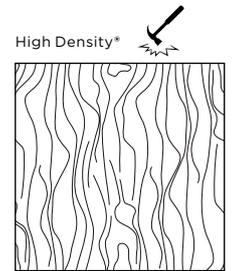
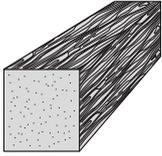


MOSO® bamboo jacking beams

MOSO® Bamboo Jacking Beams are made of the fastest growing plant on earth. Bamboo strips are compressed and glued under high pressure, creating a High Density® material that is even harder than the best tropical hardwood species. With the development of the Jacking Beams, bamboo can now be used in many heavy duty supporting and lifting applications. The Jacking Beams are thoroughly tested for various mechanical properties like compression strength and bending. Compared to normal bamboo beams additional efforts were made to define the right type of strips, type of glue, density, etc. The standard length of the MOSO® Bamboo Jacking Beams is 1050 mm and the beams have a cross section of 100x100 mm for easy calculation of stacking requirements at each support point. For filling smaller gaps to a required height, additional blocks are available in different thicknesses.



HD: High Density®

Caramel	Style	Bevel	Dimensions (mm)
BL-DT3050	HD	R=2mm	1050x100x100
BL-DT3051	HD	R=2mm	1050x100x50
BL-DT3052	HD	R=2mm	1050x100x30
BL-DT3053	HD	R=2mm	1050x100x20
BL-DT3054	HD	R=2mm	1050x100x10

technical characteristics and certifications

- Density (Product): 1100-1200 kg/m³
- Resistance to Indentation - Brinell Hardness: ≥ 9.5 kg/mm² (EN 1534)
- Reaction to fire: Class B-s1-d0 (EN 13501-1)
- Formaldehyde emission: Class E1 (< 0.124 mg/m³) (EN 717-1)
- Modulus of Elasticity in bending: 12600 N/mm² (EN 310)
Bending strength: 95 N/mm² (EN 310)
- Modulus of Elasticity in compression: 1.6 kN/mm² (EN 408)
Compression strength: 30 N/mm² (EN 408)
- Use Class: Class 3 (EN 335)
- CO₂ neutral: LCA report TU Delft (ISO 14040/44) (www.moso.eu/lca)
- Environmental Product Declaration - EPD (EN 15804) (www.moso.eu/epd)

