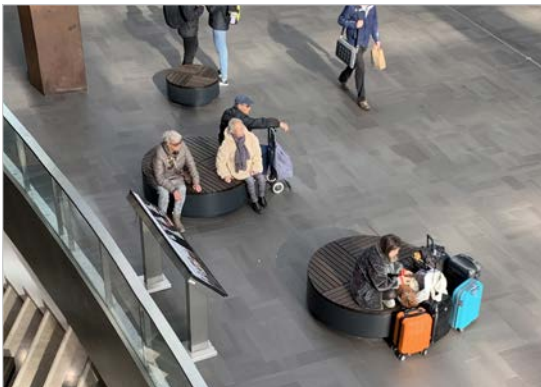


**MOSO® BAMBOO X-TREME®**



**Material description**

Thanks to a special patented thermal treatment and a very high compression rate, MOSO® Bamboo X-treme® furniture beams are very stable and durable. In addition, this special treatment ensures that MOSO® Bamboo X-treme® achieves the highest durability class within the EU legislation (class 1 according to EN 350). Like every hardwood species, MOSO® Bamboo X-treme® will grey, when exposed to weather conditions, giving it a beautiful, natural look.

**SPECIFICATIONS**

**Strengths**

- Very strong and hardwearing
- Weatherproof and durable material
- Warm and natural look
- Material greys naturally

**Durability**

- Durability class 1 (EN 350) tested according to CEN/TS 15083-2
- Durability class 4 according to EN 335 (use class)
- Resistance to fungi class 0 according to EN 152
- Extremely hard: Brinell >9.5 kg/mm<sup>2</sup> (harder than any tropical hardwood)

**A regenerative raw material**

- CO<sub>2</sub> neutral over the entire life cycle
- No use of fungicides during production
- Highest environmental classification (A-label) of NL Greenlabel, the most important eco-label for the outdoor area

**CO<sub>2</sub> neutral**

- With a growth rate of up to 1 metre per day, Moso bamboo is the fastest growing plant in the world
- Ready for harvest after 5 years (many hardwoods only after 100 years) - no deforestation
- Natural product (consists of approx. 90% natural bamboo)

**Material Circularity**

MOSO® has had the Delft University of Technology carry out various LCA and carbon footprint studies according to ISO 4040/44, which show that this innovative MOSO® product is CO<sub>2</sub> neutral over its life cycle. This analysis does not even include the long lifespan compared to other hardwoods, nor the high growth rate of giant bamboo. Due to the special Thermo-Density® process, the density and therefore the hardness of this product increases significantly, making it stronger and harder than other natural materials.

