



COMPOSITE BAMBOO MATS

These mats have been designed to overcome some of the natural limitations of timber. The panels in the design maximize on the inherent flexibility of bamboo, allowing them to bend on uneven ground. By incorporating new technology into traditional design, the Composite Bamboo Mats were made stronger and less susceptible to breakage. Engineering the mats out of laminated bamboo, created a product that retains less than 10% water, compared to at least 30% moisture retention with traditional hardwood. This means that transportation costs between applications are a fraction of those with timber road systems.

DIMENSIONS	3900 x 2200 x 60 mm (3 layers 20mm each) 0.49m ³
WEIGHT	493 kg (approx.)
MATERIAL	Laminated Veneer Bamboo
DENSITY	High: 1000-1100kg/cbm
INTERLOCKING SYSTEM	Three Finger locking system joins mats seamlessly and allows for various configurations
APPLICATION ENVIRONMENT	Designed for use on non-prepared ground surfaces including mud, dirt, gravel, sand, and silt
FEATURES	Rough non-slip surface Beveled edging Flush-fit, no trip hardware Naturally repels moisture
SHIPPING DETAIL	40ft ISO shipping container: 47 mats 20ft ISO shipping container: 20 mats - 1 stack, 20 full mats high
COMPATIBILITY	Interlocking system joins to existing access mats

WHY BAMBOO?

- Bamboo is a grass and takes between 3 and 5 years to reach full growth (Hardwood forests take at least 50 years to reach full growth)
- Bamboo generates 35% more oxygen than an equivalent area of trees
- Bamboo has a tensile strength of 28,000 per square inch (steel is 23,000 per square inch)
- Bamboo is 20-30% lighter than traditional hardwood
- Bamboo requires less energy to harvest and process than most timber products
- Bamboo is more impervious to rot, fungus and insects