



SOLUTIONS FOR A SECURE FOUNDATION

CRANE MATS FOR EVERY USE

HARDWOOD CRANE MATS

What makes our crane mats so special:

- High Quality / Made in Germany
- Symmetrical drill holes, galvanised bolts
- Automatically milled and bevelled top edge at the front
- Customised length due to CNC milling
- Individual colour marking
- CNC chamfered suspension device



A good basis for your success

We are a medium-sized business located in the German federal state of Lower Saxony, close to the Dutch border. We specialise in crane mats, which we manufacture in our own state-of-the-art production line. While our standard products are available in various versions direct from stock, it is also possible to have bespoke products manufactured to precise specifications and requirements.

As direct importers offering international logistic services, we can meet your demands flexibly. Our crane mats are used by nationally and internationally renowned companies in a very wide range of construction projects.

Wood for every use

- EKKI crane mats
- Hardwood crane mats
- Beechwood crane mats



NO LOAD IS TOO HEAVY

The woods used are characterized by high wear resistance, high Monnin hardness and long durability.
See for yourself!

Technical properties	Beech	Dabema	Okan	Ekki (Azobé)
Weight at 12% moisture content kg/m ³	710	850	1030	1060
Monnin hardness N/mm ²	4.2	4.4	10.3	10.7
Shrinkage %	0.54	0.55	0.61	0.69
Tangential shrinkage %	11.6	8.5	7.9	10.3
Radial shrinkage %	5.7	3.8	5.8	7.3
Compressive strength N/mm ²	57	57	82	96
Bending strength N/mm ²	111	98	134	162
Elasticity N/mm ²	15300	15190	22260	21420
Grain	–	interlocked	interlocked	interlocked
Durability class	II	II/III	I/II	I
Fungi resistance	Low	Medium	High	Very high
Termite resistance	Low	Medium	High	High

Source: CIRAD

CRANE MATS FOR EVERY USE



Our crane mats are used in a very diverse range of building projects. Internationally renowned companies complete their projects successfully on a foundation of our crane mats. From Singapore to New Zealand and from Panama to Abu Dhabi, as well as in Germany, of course.



WE MAKE PROJECTS ACCESSIBLE

A safe foundation

All standard dimensions in our range are available from stock. The recommended thickness also depends on the operating environment and intended use.

Type of wood	Strength	Width	Length
All Ko-Mats qualities	100/150/200 mm	950/1400 mm	4-5-6-8 metres

100 mm Versatile use for temporary roads or gas and pipeline projects. Suitable for trucks and construction machines of up to approx. 25 tons.

150 mm This size is often used for cranes and excavators with an average weight of approx. 40 tons. Also suitable as soil protection for pontoons and concrete floors.

200 mm These mats are suitable for intensive and heavy-duty applications such as: heavy cranes, heavy construction machines and caterpillar cranes weighing several hundred tons.

Other applications

- Construction of wind farms
- Construction of high-voltage infrastructure
- Civil and hydraulic engineering, road and pipeline construction
- Crane hire and heavy transport
- Soil and foundation engineering
- Demolition companies
- Onshore and offshore industry
- Oil and gas industry





Wiener Straße 39
D-48455 Gildehaus / Bad Bentheim
Germany
E-mail: info@ko-mats.com
Phone: +49 5924 299 460

ko-mats.com