

eKO-MATS^{2.0}

Crane mats - Draglineschotten - Baggermatratzen

New Product

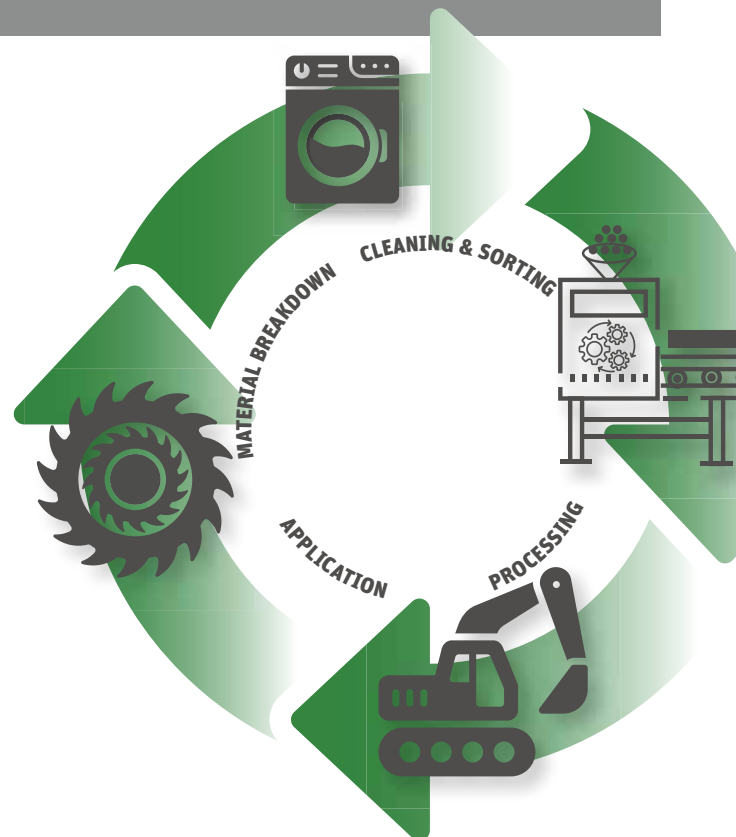
INTRODUCING eKO-MATS^{2.0} THE NEW GENERATION OF CRANE MATS

eKO-MATS - Paving new paths

Manufactured using a patented production process



INCOMING RECYCLING COMPOSITES



- Manufactured from recycled plastic material
- Positive CO₂ balance in production, as opposed to combustion
- Ready for Circular Economy: after energy-efficient processing, the material is turned back into new crane mats
- No negative impacts on humans and nature
- No harmful substances entering the soil and water
- Long lifespan
- Environmentally friendly - Quality assured

PROPERTY	UNIT	VALUE
Colour		dark grey
Screw extraction force (Ss8-150)	kN	60,0
Water absorption	%	0,1
Thermal conductivity	W/m.K	0,18
Electrical resistivity	MOhm	7,5
Melting point	°C	160,00

Chemical resistance

CHEMICAL	EXCELLENT	GOOD	NORMAL	POOR
Mineral oil	X			
Acetone	X			
Acetic acid	X			
Ammonia			X	
Cleaning agents		X		
Ethyl alcohol		X		
Methyl alcohol Glycerine	X			
Tar oil, Creosote		X		
Sodium hydroxide			X	
Hydrochloric acid	X			
Sulfuric acid		X		

A material proven for years – certified in the transportation industry

The material composition was defined in close collaboration with one of Europe's largest transport companies and the Technical University of Munich.

The excellent properties in the thermal and physical areas are also confirmed here.

- Resistant to aggressive environmental conditions
- Resistant in humid climates
- Resistant to fungi, bacteria, and UV radiation



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