

1. Application Sectors

KRAITEC® spezial is a protective anti-slip mat for transported goods. Its high coefficient of sliding friction - documented in testing according to VDI 2700 Sheet 14 (Draft) – provides outstanding anti-slip performance.

Utilized widely in commercial transport applications, **KRAITEC® spezial** mats are also used successfully as intermediate layer pads in the packaging industry.

2. Material

Recycled rubber crumbs (particle size 1 – 3 mm), bonded with polyurethane.

3. Appearance / Surface Texture

Colour (registered I.D. marking): black with red and white speckles

Surface: fine grain texturing

4. Standard Dimensions / Tolerances

Length (individual mats):	2000 mm	± 1.5 %
Width (individual mats):	1000 mm	± 1.5 %
Thickness (individual mats):	4, 6, 8, 10	± 0.5 mm
	12, 15, 18, 20 mm	± 1.0 mm
Length (roll-form mats):	as ordered	± 1.5 %
Width (roll-form mats):	1250 mm	± 1.5 %
Thickness (roll-form mats):	3, 4, 6, 8, 10	± 0.5 mm
	12, 15, 18, 20 mm	± 1.0 mm
	(other dimensions available on request)	
Density:	approx. 900 kg/m ³	

5. Test Data

Tensile strength: min. 0.6 N/mm² (DIN EN ISO 1798)

Elongation at break: min. 60 % (DIN EN ISO 1798)

Coefficient of sliding friction: min. 0.81*
for thicknesses of 3, 4, 5, 6, 8, 10 mm
Contact surfaces: wooden pallet, anti-slip textured lorry flooring (VDI 2700 Sheet 14)

Pressure behavior: No plastic deformation after 24 hours strain
Ballast: Grid box 1000 kg (VDI 2700 Sheet 15)

Maximum permissible compressive load: approx. 125.0 t/m² for 3, 4 mm thick mats**
approx. 170.0 t/m² for 5, 6 mm thick mats**
approx. 200.0 t/m² for 8, 10 mm thick mats**

Service temperature range: - 30 °C to + 100 °C

Chemical resistance: conditionally resistant to acids and bases

* Measured data

** 30 % maximum permissible compression as specified in VDI 2700 Sheet 15

DISCLAIMER:

With our information we desire to advise you to the best of our knowledge and belief based on our trials and experiences. However, KRAIBURG RELASTEC cannot accept a warranty for the processing result in the specific case, due to the variety of use possibilities, and the storage, processing, and construction site conditions for our KRAITEC® products that are beyond our control. The customer must execute his own tests. Our technical customer service organization is available to you.