

## 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):	available on request	
Width (individual mats):	available on request	
Thickness (individual mats):	available on request	
Length (roll-form mats):	as ordered	± 1.5 %
Width (roll-form mats):	1250 mm	± 1.5 %
Thickness (roll-form mats):	3, 4, 5, 6, 8, 10	± 0.5 mm
	12, 15, 18, 20 mm	± 1.0 mm
Density:	approx. 900 kg/m <sup>3</sup>	
Area weight:	approx. 2,7 kg/m <sup>2</sup> (3 mm)	
	approx. 5,4 kg/m <sup>2</sup> (6 mm)	
	approx. 7,2 kg/m <sup>2</sup> (8 mm)	
	approx. 9,0 kg/m <sup>2</sup> (10 mm)	

**5. Test Data**

Tensile strength:	min. 0.6 N/mm <sup>2</sup>	(DIN EN ISO 1798)
Elongation at break:	min. 60 %	(DIN EN ISO 1798)
Fire resistance:	Efl (B2)	(EN 13501-1)
Coefficient of Sliding friction:	min. 0.81* for thicknesses of 3, 4, 5, 6, 8, 10,12,15mm 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/m <sup>2</sup> for 3, 4 mm thick mats** approx. 170.0 t/m <sup>2</sup> for 5, 6 mm thick mats** approx. 200.0 t/m <sup>2</sup> for 8, 10 mm thick mats**	
Service temperature range:	- 30 °C to + 100 °C	
Resistance:	conditionally resistant to acids and bases	
UV-Resistance:	resistant to DIN EN 1297 and DIN EN ISO 3386-2	

**Discard criteria:**

In permanent deformation or bruises, cracks,  
Holes, damage contact with aggressive substances such as  
e.g. Oils, fuels, chemicals, abrasion on the surface,  
Swelling or embrittlement, functionally impairing  
Contamination (VDI 2700 Sheet 15)

**KRAITEC®** anti-slip mats are generally usable several times before they need to be replaced due to discard criteria.

\* 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 GmbH & Co. KG 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.

This data sheet is not subject to change management! No liability accepted for errors or omissions.  
The current valid version can be called up at [www.kraiburg-relastec.de/kraitec](http://www.kraiburg-relastec.de/kraitec)

Page 3 of 3