

1. Application Sectors

KRAITEC® basic is an anti-slip mat for transport, with a high coefficient of sliding friction - according to VDI 2700 Sheet 14 (Draft) – provides outstanding anti-slip performance. Utilized widely in commercial transport applications, **KRAITEC® basic** mats are also used successfully as protective layer in the packaging industry.

2. Material

Recycled rubber crumbs bonded with polyurethane.

3. Appearance / Surface Texture

Colour: black with red
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, 6, 8, 10mm	± 0.5 mm
	12,15mm	± 1.0 mm

Density: approx. 850 kg/m³

Area weight:	approx. 2,5 kg/m ²	(3 mm)
	approx. 5,1 kg/m ²	(6 mm)
	approx. 6,8 kg/m ²	(8 mm)
	approx. 8,5 kg/m ²	(10 mm)

5. Test Data

Tensile strength: min. 0.6 N/mm² (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. 0.70*
for thicknesses of 3,4,5,6,8,10,12,15,18,20mm
Contact surfaces: wooden pallet, anti-slip textured lorry flooring (VDI 2700 Sheet 14)

Maximum permissible compressive load: approx. 100.0 t/m² for 3 mm thick mats**
approx. 120.0 t/m² for 8 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.
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Page 3 of 3