1. Application Sector

DAMTEC® estra is the ideal rubber underlay in floating screed / concrete slab systems with European Technical Approval, which has been granted by DIBt, the German Center of Competence in Civil Engineering.
Another application is for example underneath rigid floor elements on wooden sub floors. Also as edge strip it can be cut.
DAMTEC® estra is particularly quick and easy to install and is providing extremely high resistance to compressive loads and outstanding elasticity. It is equally well suited for applications in residential, office and commercial buildings.

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KRAIBURG Relastec
GmbH & Co. KG
Fuchsberger Straße 4
29410 Salzwedel / Germany

ETA-13/0342

2. Material

Granules of recycled rubber with PU elastomer bonding agent

3. Appearance

colour:	multicolour
surface:	smooth with granular texturing

4. Dimensions/Tolerances

width:	1,250 mm	± 1.5 %	
available thicknesses:	4, 6, 8 mm	± 0.3 mm	
density:	680 - 750 kg/m³		
area weight:	4mm:	2,580 - 3,160 g/m²	
	6mm:	3,870 - 4,730 g/m²	
	8mm:	5,160 - 6,310 g/m²	
length:	4mm:	20,000 mm	(± 1,5 %)
	6mm:	10,000 mm	(± 1,5 %)
	8mm:	8,000 mm	(± 1,5 %)

The data sheet is not subject to any change service! All information is without guarantee.
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CERTIFIED IQNet MANAGEMENT SYSTEM
U.S. GREEN BUILDING COUNCIL MEMBER

5. Physical Characteristics

tensile strength:	approx. 0.4 N/mm²	(ISO 1798)
elongation at break:	approx. 50%	(ISO 1798)
service temperature range:	- 30°C to 80°C	
flammability rating:	B2	(DIN 4102-1)
	E	(ISO 11925/ISO 13501)
heat transmission coefficient:	0.05 m² K/W for 6 mm slab	(ISO 8302)
dynamic rigidity:	4 mm < 90 MN/m³	(EN 29052)
	6 mm < 70 MN/m³	
	8 mm < 60 MN/m³	
maximum pressure:	0.2 N/mm²	(in acc. to EN 826)
impact sound improvement:		(ISO 140-8/ISO 717-2)
	ΔLW = 19 dB for 4 mm (with 50mm screed)	
	ΔLW = 19 dB for 6 mm (with 35mm screed)	
	ΔLW = 20 dB for 6 mm (with 50mm screed)	
	ΔLW = 21 dB for 8 mm (with 50mm screed)	

6. Installation:

Installation is to be carried out in accordance with the **DAMTEC® estra** installation instructions.

DISCLAIMER:
The information provided is intended only as a summary and general overview on matters of interest. The information is not intended to be comprehensive nor does it constitute expert advice. KRAIBURG RELASTEC shall not be liable for incidental and/or consequential damages directly or indirectly sustained, nor any loss caused by not complying with relevant industry/product standards and improper use of any Damtec® products. Due to varying construction methods, any other circumstances not stated above should be brought to the attention of KRAIBURG RELASTEC for review. For suitability to the prevailing site conditions, it is advised that certified testing should be conducted. It is recommended to seek further advice on your application with our technical staff prior to use.

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