

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.

Product design

Material: granules of rubber with PU elastomer bonding agent

Colour sample:



DAMTEC estra

Colour: multicolour

Surface: smooth with granular texturing

Dimensions / Tolerances / Weight

Roll width:	1,250 mm ($\pm 1.5 \%$)
Roll length:	4mm: 20,000 mm ($\pm 1.5 \%$) 6mm: 10,000 mm ($\pm 1.5 \%$) 8mm: 8,000 mm ($\pm 1.5 \%$)
Thickness:	4, 6, 8 mm (± 0.3 mm)
Area weight:	4mm: 2,580 - 3,160 g/m ² 6mm: 3,870 - 4,730 g/m ² 8mm: 5,160 - 6,310 g/m ²



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Product Testing

Tensile strength:	(ISO 1798) approx. 0.4 N/mm ²
Elongation at break:	(ISO 1798) approx. 50%
Density:	680 - 750 kg/m ³
Temperature range:	-30° to 80°C
Heat transmission coefficient:	(ISO 8302) 0.05 m ² K/W for 6 mm slab
Flammability rating:	(ISO 13501) E
Compressive stress:	(EN 826) > 15 kPa
Compressibility:	(DIN EN 12431) < 1.0 mm
Dynamic stiffness:	(EN 29052) 4mm < 90 MN/m ³ 6mm < 70 MN/m ³ 8mm < 60 MN/m ³
Maximum pressure:	(in acc. to EN 826) 0.2 N/mm ²
Impact sound improvement:	(ISO 140-8/ISO 717-2) $\Delta LW = 19$ dB for 4 mm (with 50mm screed) $\Delta LW = 19$ dB for 6 mm (with 35mm screed) $\Delta LW = 20$ dB for 6 mm (with 50mm screed) $\Delta LW = 21$ dB for 8 mm (with 50mm screed)

VOC Emissions:



Emissions:

fulfils the requirements of AgBB scheme



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Installation

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

Other

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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