

## 1. Application Sector

**DAMTEC® standard** is the universal product for impact sound insulation. This underlay can be used under parquet, laminate, carpeting and ceramic tiles (\*) as well as under linoleum and PVC flooring (\*\*) and reduces unwanted noise – within your own four walls and those of your neighbours as well.

**DAMTEC® standard** ensures a pleasant work or residential environment and is well suited for use in a wide range of applications.

## 2. Material

Fine granules of recycled rubber and cork with PU elastomer bonding agent

## 3. Appearance

colour: black (granulate), beige (cork)  
surface: fine granular texture

## 4. Dimensions/Tolerances

width:	1,000 mm	± 1.5 %
length:	on request	± 1.5 %
available thickness:	2, 3, 4, 4.5, 5 and 6 mm	± 0.3 mm
density:	approx. 700 kg/m <sup>3</sup>	

\* Suitable under ceramic tiles with the exception of wet areas. DIN 18195 Part 1 defines the term "wet area" as "an interior area where on utilization water accumulates at such a rate as to require specific drainage to allow the water to dissipate." Bathrooms in a residential setting without specific floor drainage would not be considered a "wet area".

\*\* Under elastic flooring a separating layer is recommended to avoid plasticizer migration.

The data sheet is not subject to any change service! All information is without guarantee.  
Latest version of this document available on [www.kraiburg-relastec.com/damtec](http://www.kraiburg-relastec.com/damtec)

## 5. Physical Characteristics

tensile strength:	approx. 0.6 N/mm <sup>2</sup>	(ISO 1798)
elongation at break:	approx. 20%	(ISO 1798)
service temperature range:	- 30°C to 80°C	
flammability rating:	E <sub>fl</sub>	(ISO 11925/EN 13501)
heat transmission coefficient:	0.06 m <sup>2</sup> K/W for 5 mm slab	(DIN 52612)
impact sound improvement:	$\Delta L_W = 29$ dB with carpet	(ISO 140-8/ISO 717-2)
	$\Delta L_W = 20$ dB under 8 mm laminate flooring	
	$\Delta L_W = 19$ dB under 13 mm parquetry	
	$\Delta L_W = 18$ dB under 16 mm solid parquetry	
	$\Delta L_W = 18$ dB under 9mm tiles	
emissions:	fulfils the requirements of AgBB scheme	

## 6. Installation:

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

## 7. Other Matters:

Castor chair behaviour and residual indentation after static loading of the flooring can change in accordance with the insulating underlay used. Only use underlay approved by the floor manufacturer. Prior to any installation work, carefully read and observe the usage instructions and processing guidelines of the adhesive cement and floor finish manufacturers. In case of doubt, please contact the manufacturer's applications engineering department for advice.

### 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.

The data sheet is not subject to any change service! All information is without guarantee.  
Latest version of this document available on [www.kraiburg-relastec.com/damtec](http://www.kraiburg-relastec.com/damtec)