

## 1. Application Sector

**DAMTEC® standard eco** is a 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 (\*\*).

**DAMTEC® standard eco** 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, 6 mm	± 0.3 mm
density:	approx. 640 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.

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With the publication of this product data sheet all former issues cease to be valid.

## 5. Physical Characteristics

tensile strength:	approx. 0.4 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:	0.03 m <sup>2</sup> K/W for 3 mm slab	(DIN 52612)
impact sound reduction:	$\Delta L_W = 18$ dB with 4.5mm	(ISO 140-8/ISO 717-2)
	$\Delta L_W = 17$ dB with 3mm and linoleum 2mm	
	$\Delta L_W = 17$ dB with 3mm and vinyl floor	
	$\Delta L_W = 17$ dB with 3mm and vinyl safety floor	
	$\Delta L_W = 19$ dB with 5mm and laminate	

## 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:

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