

→ **standard**

Product Data-Sheet

No. 9401 - R - 06

Edition: Jan 2011

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 (for dry areas) as well as under linoleum and PVC flooring (with separating layer) 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:	1000 mm	± 1.5 %
length:	on request	± 1.5 %
available thickness:	2, 3, 4, 5, 6 mm	± 0.3 mm
density:	approx. 700 kg/m ³	

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5. Physical Characteristics

tensile strength:	approx. 0.6 N/mm ²	(ISO 1798)
elongation at break:	approx. 20%	(ISO 1798)
service temperature range:	- 30°C to 80°C	
flammability rating:	E _{fl}	(EN 13501)
heat transmission coefficient:	0.06 m ² K/W for 5mm slab	(DIN 52612)
impact sound improvement:	$\Delta L_W = 29$ dB with textile flooring	(ISO 140-8)
	$\Delta L_W = 20$ dB with 8mm laminate	
	$\Delta L_W = 19$ dB with 14mm parquetry	
	$\Delta L_W = 18$ dB with 16mm solid wood	
	$L_{nTw} + C_1 = 51$ dB with tiles	(ISO 140-7)

6. Installation

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

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.

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