

standard

Product Data Sheet no. 9401 - R - 09

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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.

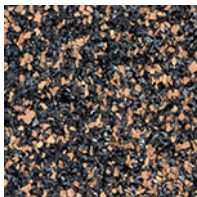
* Suitable under tiles including in wet areas, provided an appropriate waterproofing system is used, which conforms to local building code requirements. DIN 18195 Part 1 defines the term "wet area" as "an interior area where on utilization water accumulates at such a rate as to require specific drainage 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.

Product design

Material: Fine granules of rubber and cork with PU elastomer bonding agent

Colour sample:



DAMTEC standard

Colour: black (granulate), beige (cork)

Surface: fine granular texture

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Dimensions / Tolerances / Weight

Roll width:	1,000 mm (± 1.5 %)
Roll length:	on request (± 1.5 %)
Thickness:	2, 3, 4, 4.5, 5 and 6 mm (± 0.3 mm)

Product Testing

Tensile strength:	(ISO 1798) approx. 0.6 N/mm ²
Elongation at break:	(ISO 1798) approx. 20%
Density:	650 - 750 kg/m ³
Temperature range:	-30° to 80°C
Heat transmission coefficient:	(DIN 52612) 0.06 m ² K/W for 5 mm
Flammability rating:	(EN 13501) E _{fl}
Impact sound improvement:	(ISO 140-8/ISO 717-2)
	$\Delta L_w = 29\text{dB}$ with carpet
	$\Delta L_w = 20\text{dB}$ under 8 mm laminate flooring
	$\Delta L_w = 19\text{dB}$ under 13 mm parquetry
	$\Delta L_w = 18\text{dB}$ under 16 mm solid parquetry
	$\Delta L_w = 18\text{dB}$ under 9mm tiles

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Installation

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

Other

Other:

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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