

→ **magic**

Product Data-Sheet

No. 9411 - R - 04

Edition: Jan 2011

1. Application Sector

DAMTEC® magic is a floor underlay for footfall sound reduction and thermal insulation; used in building construction and renovation, under parquet and laminate floors.

2. Material

Fine fibres of foamed rubber and granules of PU foam with PU-elastomer bonding agent.

3. Appearance

colour: black (foamed rubber) and beige / brown (PU foam)
[Change in colour due to sunlight. This has no influence on quality and technical values given below.]

surface: granular texture

4. Dimensions/Tolerances

width:	1,250 mm	± 1.5 %
length:	on request	± 1.5 %
available thickness:	2, 3, 5 mm	± 0.3 mm
density:	approx. 600 kg/m ³	

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5. Physical Characteristics

tensile strength:	approx. 0.5 N/mm ²	(ISO 1798)
elongation at break:	approx. 40 %	(ISO 1798)
service temperature range:	- 30°C bis 80°C	
flammability rating:	B 2	(DIN 4102-1)
impact sound improvement:	$\Delta L_w = 16$ dB with 7mm laminate (snap-fit connection)	(ISO 140-8)

6. Installation

Installation is to be carried out in accordance with the *DAMTEC*® **magic** 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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