

1. Application Sector

DAMTEC® multi B1 is an underlay for impact sound reduction.

2. Material

Granules of rubber with PU elastomer bonding agent

3. Appearance

colour: multicolour
surface: granule structure

4. Dimensions/Tolerances

width:	1,000 mm	± 1.5 %
length:	on request	
available thickness:	3, 4.5, 5, 6, 9, 9.5, 10 and 12 mm	± 0.6 mm
	8/4	± 1.0 mm

5. Physical Characteristics

density:	920 - 1020 kg/m ³	
tensile strength:	> 0.5 N/mm ²	(ISO 1798)
elongation at break:	> 30%	(ISO 1798)
service temperature range:	- 30°C to 80°C	
flammability rating:	Cfl-s1	(ISO 11925/EN 13501)

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

Seite 1 von 2

impact sound improvement: $\Delta L_W = 16\text{dB}$ with 3mm under 8mm tiles (ISO 10140 / ISO 717)
 $\Delta L_W = 21\text{dB}$ with 3mm under 60mm screed
 $\Delta L_W = 24\text{dB}$ with 4.5mm under 60mm screed
 $\Delta L_W = 21\text{dB}$ with 8/4 3D under 60 mm screed
 $\Delta IIC = 20\text{dB}$ with 3mm under 8mm tiles (ASTM E2179 / E 989)
 $\Delta IIC = 24\text{dB}$ with 3mm under 60mm screed
 $\Delta IIC = 27\text{dB}$ with 4.5mm under 60mm screed
 $\Delta IIC = 27\text{dB}$ with 5mm under 60mm screed
 $\Delta IIC = 24\text{dB}$ with 8/4 3D under 60mm screed

6. Installation:

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

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