

1. Application Sector

DAMTEC® multi 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	

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impact sound improvement: (ISO 10140 / ISO 717)

$\Delta L_W = 16\text{dB}$ with 3mm under 8mm tiles

$\Delta L_W = 21\text{dB}$ with 3mm under 60mm screed

$\Delta L_W = 24\text{dB}$ with 4.5mm under 60mm screed

$\Delta L_W = 24\text{dB}$ with 8/4 3D under 60 mm screed

(ASTM E2179 / E 989)

$\Delta IIC = 20\text{dB}$ with 3mm under 8mm tiles

$\Delta IIC = 27\text{dB}$ with 3mm under 60mm screed

$\Delta IIC = 28\text{dB}$ with 4.5mm under 60mm screed

$\Delta IIC = 28\text{dB}$ with 5mm under 60mm screed

$\Delta IIC = 28\text{dB}$ 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.

DISCLAIMER:

The information provided is intended only as a summary and general overview on matters of interest. The information is not intended to be comprehensive nor does it constitute expert advice. KRAIBURG RELASTEC shall not be liable for incidental and/or consequential damages directly or indirectly sustained, nor any loss caused by not complying with relevant industry/product standards and improper use of any Damtec® products. Due to varying construction methods, any other circumstances not stated above should be brought to the attention of KRAIBURG RELASTEC for review. For suitability to the prevailing site conditions, it is advised that certified testing should be conducted. It is recommended to seek further advice on your application with our technical staff prior to use.

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