

black uni**Product Data Sheet no. 9409 - RV - 08**

Issue: May 2021

DAMTEC® black uni is an underlay for the impact sound insulation and decoupling. It can be laid under laminate, parquet, carpet as well as linoleum and PVC and provides for more peace. **DAMTEC® black uni** creates a pleasant living and working climate and is a universal product for high requirements.

Product design

Material: fine granules of PU foam with cork and PU elastomer bonding agent.

Colour sample:



DAMTEC black uni

Colour: black/grey/beige/brown (PU), beige (cork)
(change in color due to sunlight. This has no influence on quality and technical values given below.)

Surface: fine granulate texturing

Dimensions / Tolerances / Weight

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



18
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page 1 of 4

Product Testing

Tensile strength:	(ISO 1798) approx. 0.8 N/mm ²
Elongation at break:	(ISO 1798) approx. 30%
Density:	500 - 600 kg/m ³
Temperature range:	-30° to 80°C
Heat transmission coefficient:	(ISO 8303) 0.04 m ² K/W for 3mm
Flammability rating:	(EN 13501) E _{fl}
PC value:	(EN 16354) class 2 for 2mm
CS value:	(EN 16354) class 3 for 2mm
CC value:	(EN 16354) class 3 for 2mm
DL value:	(EN 16354) class 3 for 2mm
RLB value:	(EN 16354) class 2 for 2mm



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page 2 of 4

Impact sound improvement: (ISO 140-8/ISO 717-2)

$$\Delta L_w = 16 \text{ dB}$$

(2mm / 2.5mm linoleum glued)

(2mm / 10mm engineered parquetry)

$$\Delta L_w = 17 \text{ dB}$$

(2mm / 3mm rubber flooring glued)

(2mm / 8mm laminate flooring)

$$\Delta L_w = 18 \text{ dB}$$

(2mm / 10mm parquetry block glued)

(3mm / 16mm parquetry block glued)

$$\Delta L_w = 19 \text{ dB}$$

(2mm / 3mm PVC flooring glued)

(2mm / 10mm parquetry glued)

$$\Delta L_w = 20 \text{ dB}$$

(3mm / 3mm PVC flooring glued)

$$\Delta L_w = 25 \text{ dB}$$

(2mm / textile flooring glued)

VOC Emissions:



Emissions:

fulfils the requirements of AgBB scheme

Installation

Installation is to be carried out in accordance with **DAMTEC® black uni** installation instructions.

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page 3 of 4

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.

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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page 4 of 4