

DAMTEC® 3D is the ideal rubber underlay in floating screed systems. With quick and easy installation and its extremely high resistance to compressive loads and outstanding elasticity, DAMTEC® 3D is equally well suited for applications in residential, office and commercial buildings.

Product design

Material: high-grade fibres of rubber with PU elastomer bonding agent

Colour sample:



DAMTEC 3D 17/8

Colour: black

Surface: granular texture, with profile on one side

Dimensions / Tolerances / Weight

Roll width: 1,250 mm ($\pm 1.5\%$)

Roll length: 8,000 mm ($\pm 1.5\%$)

Thickness: 17/8 mm (± 1 mm)
(other profiles or dimensions on request)



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Product Testing

Tensile strength:	(ISO 1798) 0.2 - 0.7 N/mm ²
Elongation at break:	(ISO 1798) 40 - 80 %
Density:	500 - 600 kg/m ³
Temperature range:	-30° to 80°C
Heat transmission coefficient:	(EN 12667) 0.19 m ² K/W
Flammability rating:	(EN 13501-1) E _{fl}
Compressibility:	(DIN EN 12431) c < 2.0 mm
Dynamic stiffness:	(EN 29052) < 18 MN/m ³
Maximum pressure:	(in acc. EN 826) 0.10 N/mm ²
Impact sound improvement:	(ISO 10140 / ISO 717) $\Delta L_w = 26\text{dB}$ - with 50mm screed $\Delta L_w = 28\text{dB}$ - with 60mm screed $\Delta L_w = 32\text{dB}$ - 2x with 60mm screed (ASTM E2179 / E989) $\Delta IIC = 29\text{dB}$ - with 50mm screed $\Delta IIC = 34\text{dB}$ - 2x with 60mm screed
Emissions:	fulfils the requirements of AgBB scheme



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Installation

Installation is to be carried out in accordance with the DAMTEC® 3D installation instructions.

Other

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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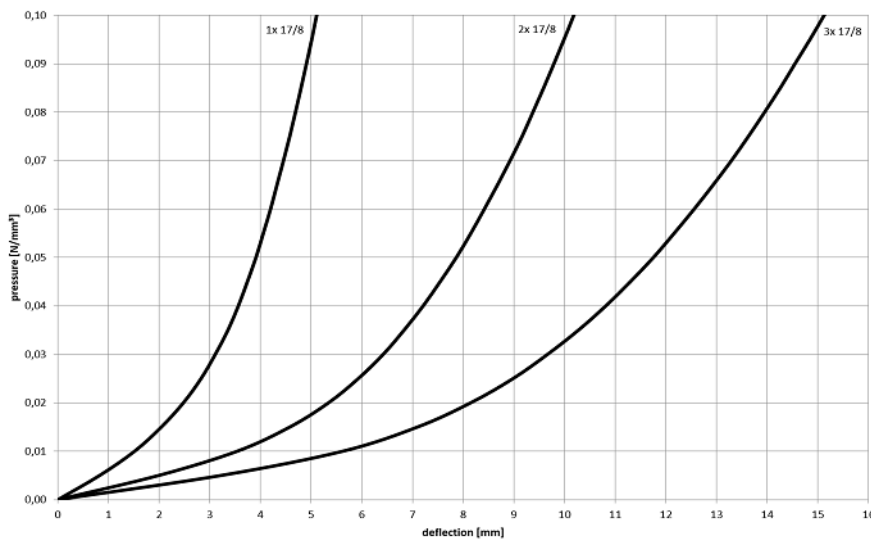
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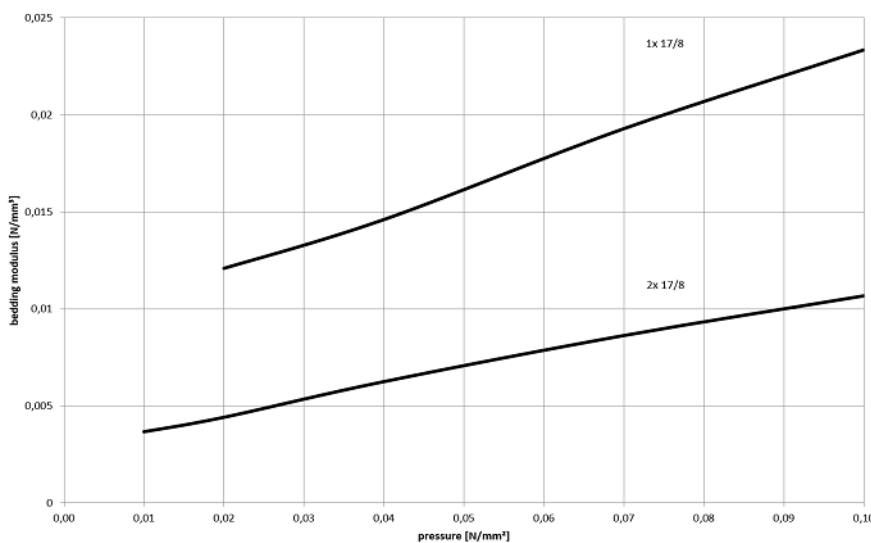
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Measurement diagrams

Spring Characteristic:



bedding modulus:



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