

vibra 3D

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DAMTEC® vibra 3D is a mat of rubber granulates for the optimal vibration absorption and insulation of structure-borne sound. It guarantees versatile, specific solutions for all tasks in the civil engineering and construction industries requiring effective insulation. **DAMTEC® vibra 3D** is available in different profiles. The ideal area of application is for a material pressing under 0.05N/mm^2 .

Product design

Material:	High-grade fibres of recycled rubber with PU elastomer bonding agent.
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:	6/3, 10/5, 17/8 and 25/7 mm ($\pm 1\text{ mm}$)

Product Testing

Tensile strength:	approx. 0.3 N/mm^2 (ISO 1798)
Elongation at break:	approx. 40% (ISO 1798)
Density:	500 - 600 kg/m^3
Temperature range:	-30° to 80°C
Flammability rating:	E_{fl} (EN 13501-1)
Maximum pressure:	$\Omega_{\text{max}} = 0.05\text{ N/mm}^2$ (EN 826)
Natural frequency:	(one layer) 8/4 = 30 Hz, 17/8 = 19 Hz, 23/12 = 17 Hz [$= 0.05\text{ N/mm}^2$]

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Installation

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

Other

Other: Further characteristic values and details on request.

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