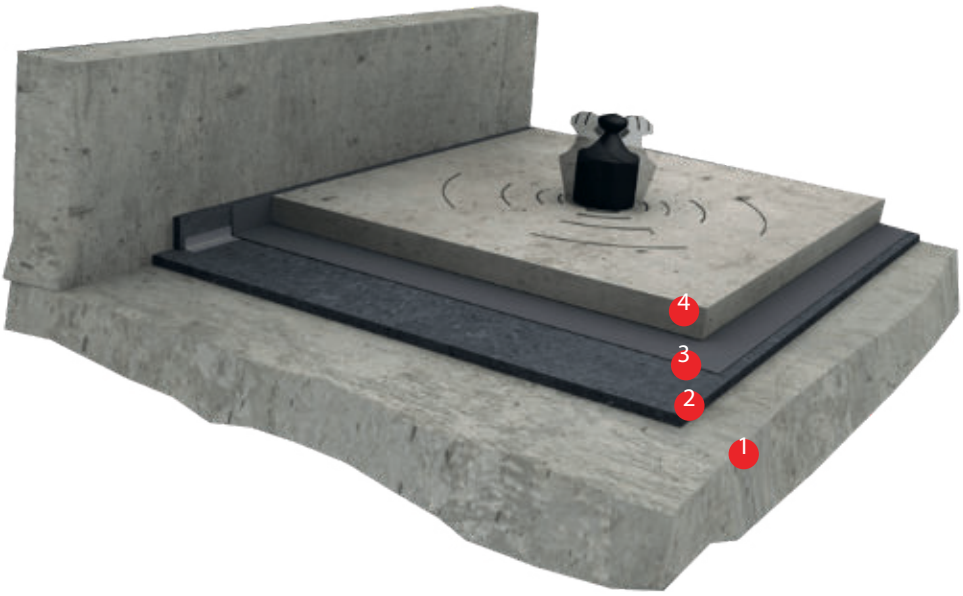
DAMTEC VIBRA MEDIUM TİTREŞİM SÖNÜMLEYİCİ ŞİLTELER

VIBRA MEDIUM TİTREŞİM SÖNÜMLEYİCİ ŞİLTELER,geri dönüştürülmüş kauçukgranüllerden üretilen, titreşim izolasyonu sağlayan şiltelerdir. VIBRA MEDIUM serisi, mekanik odalarda şap altında titreşim izolasyonu sağlamak için mat şeklinde kullanılmaktadır. VIBRA MEDIUM, uluslararası testlerle kanıtlanmış taşıma kapasitesi, çökme miktarı ve doğal frekans grafiklerine sahiptir. Ürün standart olarak 10 mm ve 20 mm kalınlıkta üretilmektedir.

DAMTEC VIBRA MEDIUM VIBRATION ISOLATION MATS are vibration isolation products which is made of recycled rubber granules. DAMTEC VIBRA can be used in mechanical rooms in order to eliminate vibration. DAMTEC VIBRA has a load capacity, deflection and natural frequency diagram that proven with international tests. Standard thicknesses of product are 10 mm and 20 mm.

ÜRÜN ADI / NAME OF PRODUCT	İÇERİK / MATERIAL	RULO ÖLÇÜLERİ / ROLL SIZ ES	YÜK DAYANIMI / MAXIMUM PRESSURE (N/mm²)	YOĞUNLUK / DENSITY (kg/m³)	SICAKLIK DAYANIMI / TEMPERATURE RANGE (°C)	MENŞEİ / ORIGIN
DAMTEC VIBRA MEDIUM 10 MM	GERİ DÖNÜŞTÜRÜLMÜŞ KAUÇUK / RECYCLED RU BBER	1,25x6 m	0,20 N/mm²	400-550	-30 °C - +80 °C	ALMANYA / GERMANY
DAMTEC VIBRA MEDIUM 20 MM		1,25x8 m				



1-MEVCUT DÖŞEME / EXISTING FLOOR

2-DAMTEC VIBRA MEDIUM

3-PE FİLM / PE MEMBRANE

4-ŞAP / CREED

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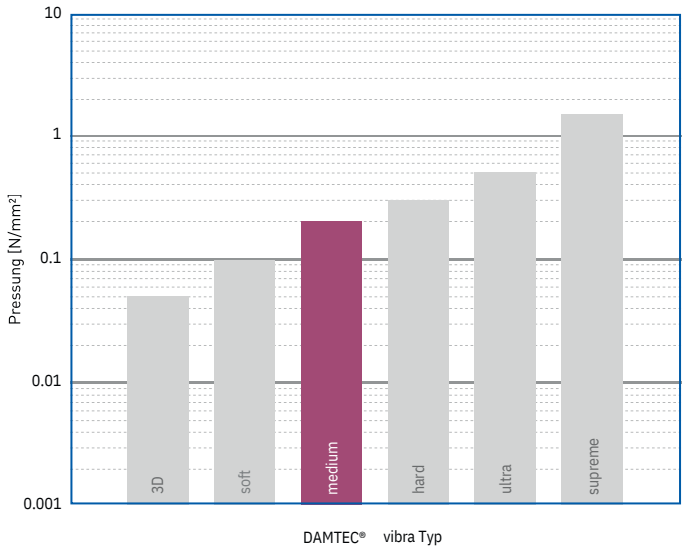
DAMTEC® **vibra** series
Working range



Recommendationsforelasticbearing:

Static load: up to [N/mm²]

0.20

Dynamic load: up to [N/mm²]

0.90

Material	Fine granules of recycled rubber foam with PU elastomer bonding agent
Colour	anthracite or anthracite/multicolour
Surface	closed, smooth

Delivery specifications

Thickness:	5 | 10 | 12,5 | 15 | 20 mm (±1.0 mm)
Roll width:	1250 mm (±1,5 %)
Roll length:	5/8 | 10/6 | 12,5/1 | 15/1 | 20/1 mm/m (±1.5 %)

Other dimensions on request (also stamping and moulded parts).

Properties	Value	Test method	Comment
Tensile strength	ca. 0.20 N/mm²	ISO 1798	
Elongation at break	ca. 35 %	ISO 1798	
Maximum pressure	0.20 N/mm²	EN 826	
Bedding modulus	0.05 - 0.70 N/mm³	DIN 53513	depending on configuration, load and frequency
Natural frequency	12 - 30 Hz		depending on configuration, load and frequency
Service temperature range	-30 to +80 °C		
Flammability rating	Efl	(ISO 11925/EN 13501)	normal flammable
Density	400 - 500 kg/m³		

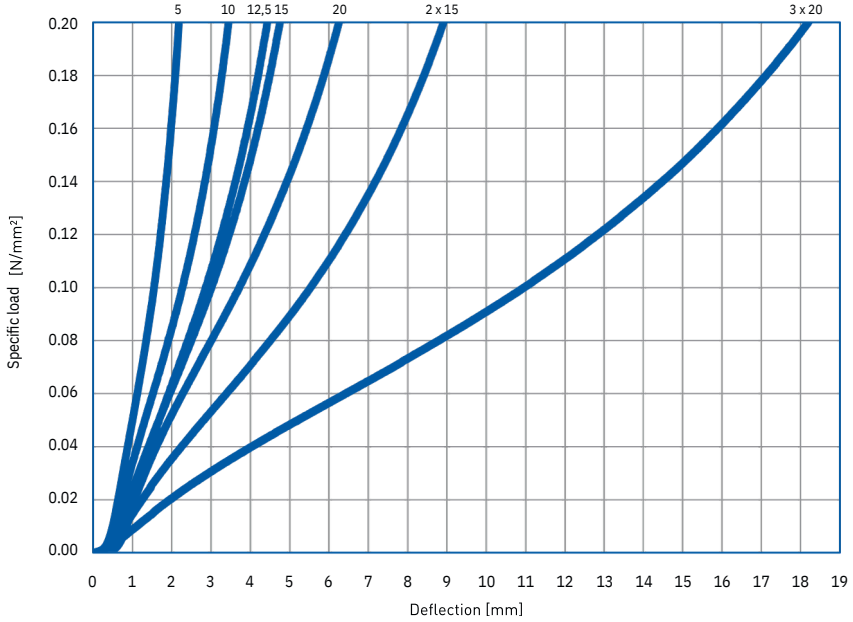
All information and data is based on our current knowledge. The data are subject to typical manufacturing tolerances and are not guaranteed.
We reserve the right to amend the data.

Made in Germany

qualityaustria SYSTEMZERTIFIZIERT ISO 9001:2008 NR 00186/0

DAMTEC VIBRA MEDIUM TİTREŞİM SÖNÜMLEYİCİ ŞİLTELER

Load deflection curve

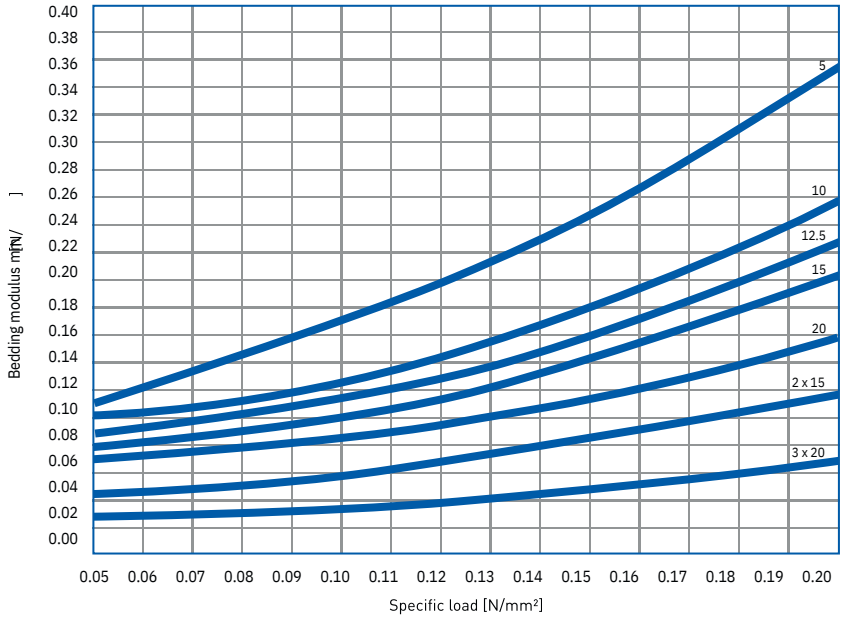


Recording of the 3rd loading; testing between steel plates at room temperature
Testing in accordance with DIN EN 826

Test speed v = 10 mm/min

Sample dimensions 300 x 300 mm

Bedding modulus



Dynamic test: sinusoidal excitation with an oscillating range of ± 0.25 mm at 10 Hz

Testing in accordance with DIN 53513

Sample dimensions 300 x 300 mm

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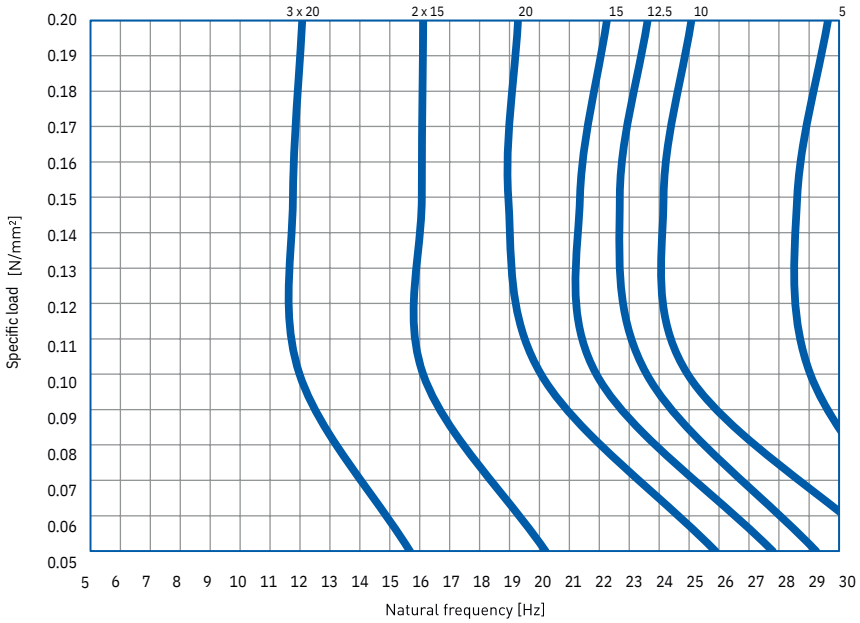
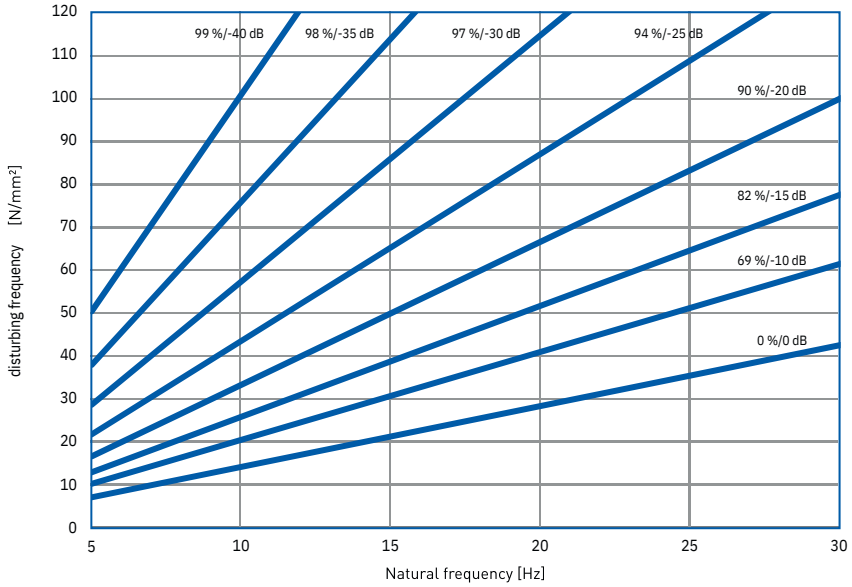
Natural frequency



Natural frequency of the system consisting of a fixed mass and an elastic bearing consisting of **DAMTEC® vibra medium** on a sti subgrade

Sample dimensions 300 x 300 mm

Vibration isolation



The isolation e ect for a single mass oscillator system on a rigid surface with **DAMTEC® vibra medium**.
Parameters:
insertion loss in dB,
Isolation factor in %.