1. Application Sector

DAMTEC® vibra supreme is a mat of rubber granulates for the absorption of vibrations as well as for impact sound insulation. It has unique compression recovery capability and has exceptionally resilient characteristics. The ideal area of application is for a material pressing over 0.60N/mm².

2. Material

Fine granules of recycled rubber and rubber foam with a PU elastomer bonding agent.

3. Appearance

colour:	black or black/multicolour
surface:	granule structure

4. Dimensions/Tolerances

width:	1,250 mm	± 1.5 %
length:	8 m 6 m	± 1.5 %
thickness:	5 mm 10 mm	± 1.0 mm
density:	1,000 – 1,100 kg/m³	

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qualityaustria SYSTEMZERTIFIZIERT ISO 9001:2008 NR.00186/0
CERTIFIED IQNet MANAGEMENT SYSTEM
U.S. GREEN BUILDING COUNCIL MEMBER

5. Physical Characteristics

tensile strength:	approx. 1.0 N/mm²	(ISO 1798)
elongation at break:	approx. 30%	(ISO 1798)
service temperature range:	- 30°C to 80°C	
flammability rating:	E_{fl}	(ISO 11925/EN 13501)
maximum pressure:	σ_{max} = 2.00 N/mm²	(EN 826)
short peaks:	4.00 N/mm²	

Further characteristic values and details on request.

6. Installation:

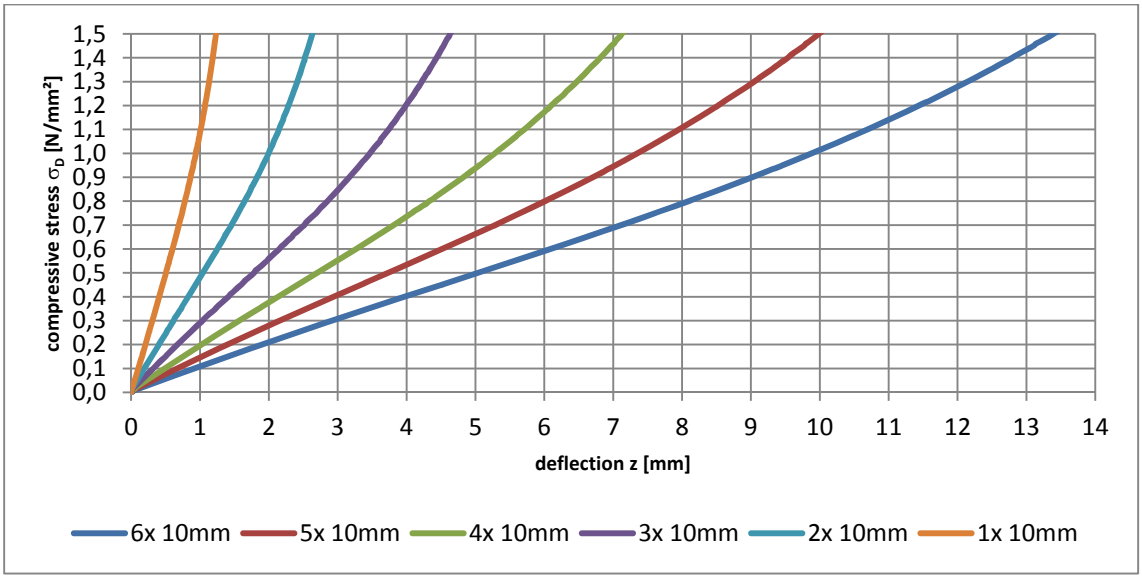
Installation is to be carried out in accordance with the **DAMTEC® vibra** installation instructions.

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.

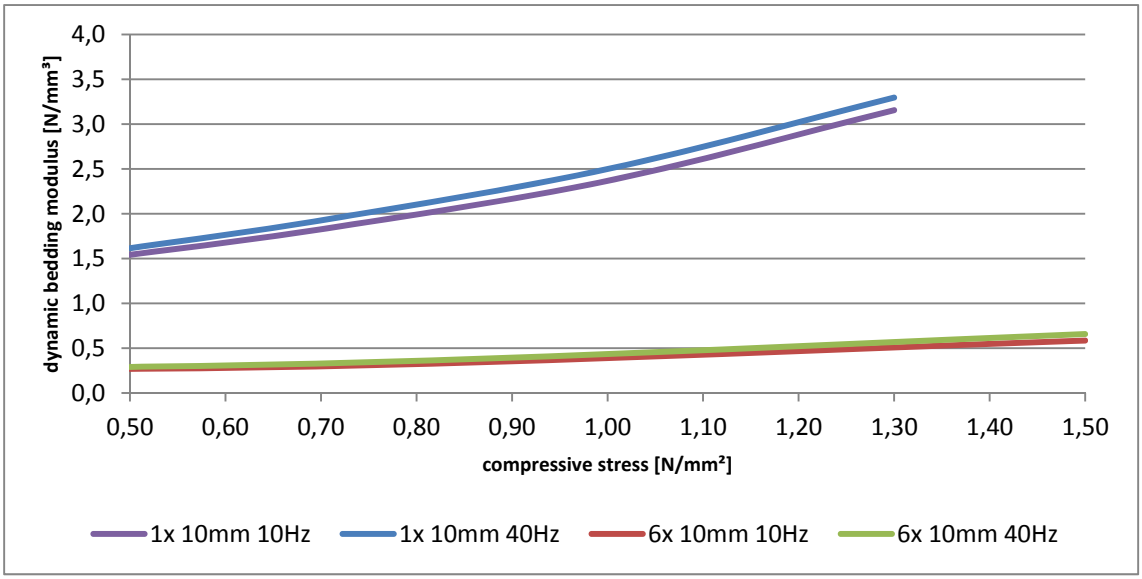
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7. Spring Characteristic:



8. Dynamic Bedding Modulus:

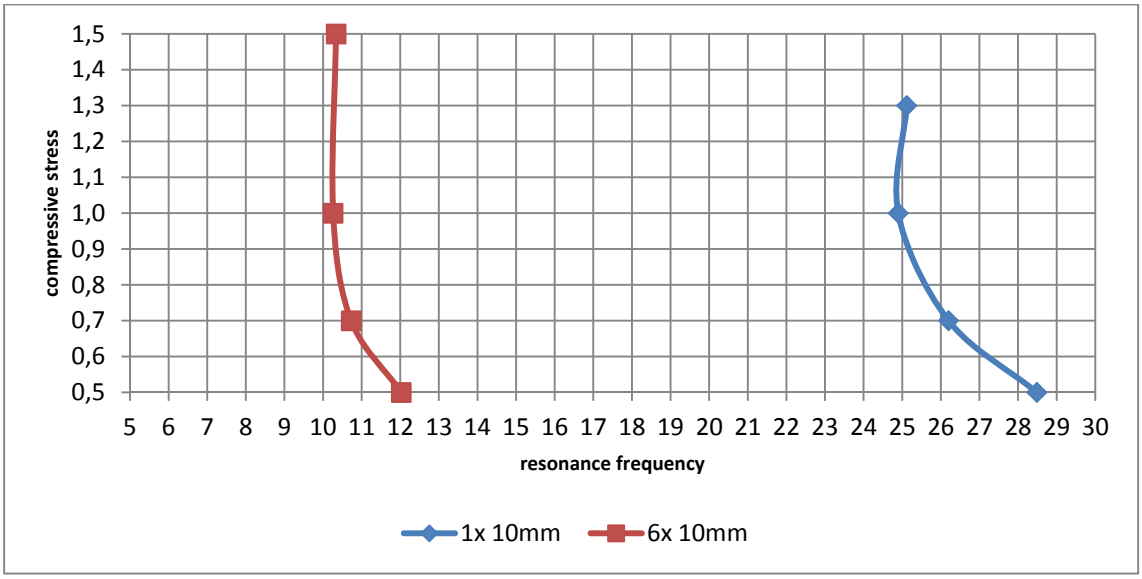


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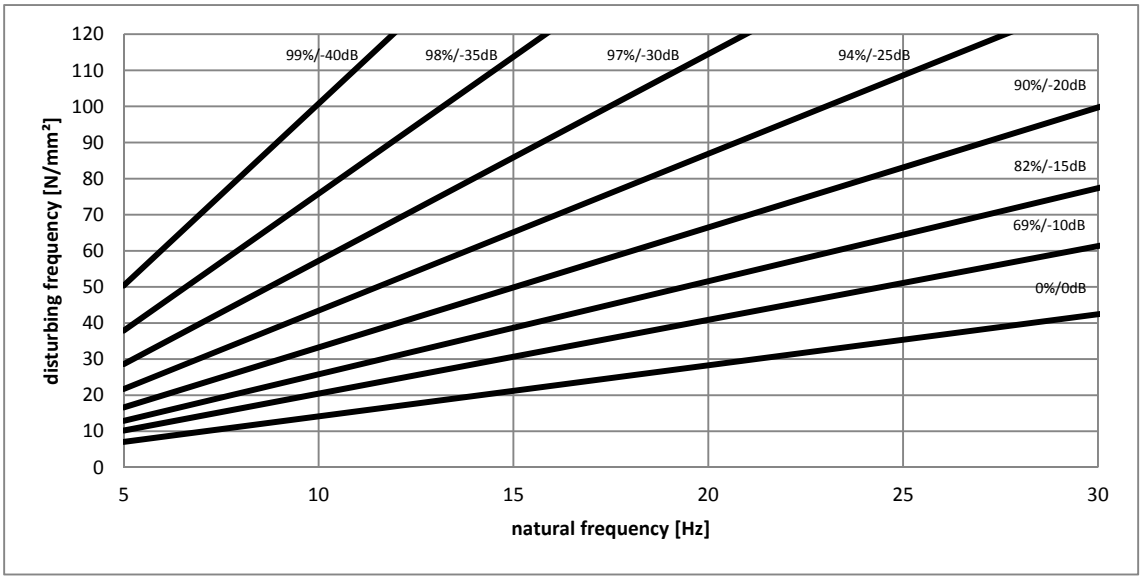
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9. Resonance Frequency:



10. Vibration Insulation:



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