

MEGAPOINT

VIBRATION CONTROL

**VIBRATION
CONTROL**

**SPECIAL
FLOATING
FLOOR**

VIBRATION INSULATION PANEL MADE OF END-OF-LIFE TYRES RUBBER GRANULES AND FIBRES



■ TECHNICAL SPECIFICATION

Anti-vibration material supplied in panels, with a dimpled shape on one side with a thickness of 25 mm, made of rubber granules and fibres from End-of-Life Tyres (ELTs) compacted using a polyurethane binder in a hot process. A non-woven, non-stretch synthetic membrane is applied on one side of panel, for added protection; total superficial weight is 11 kg/m². Panels dimensions are m 1,2 length, m 0,80 width. To be used for static and dynamic loads up to 0,05 N/mm².



■ APPLICATION AREA

Application fields	Load	Deformation
Static	up to 0,005 N/mm ²	~ 10%
Static and Dynamic	up to 0,05 N/mm ²	~ 30%
Load peaks (short time)	up to 0,15 N/mm ²	~ 40%

■ TECHNICAL DATA

	Tolerance	Standard
Thickness	25 mm	± 2
Length	1,20 m	± 2%
Width	0,80 m	± 2%
Superficial weight	11 kg/m ²	± 10%
Stress at strain 10%	0,006 N/mm ²	± 10% EN ISO 29470
Static Modulus of Elasticity (Es) - strain 10%	0,06 N/mm ²	± 10% EN ISO 29470
Dynamic Modulus of Elasticity (Ed) - strain 10%	0,30 N/mm ²	± 10%
Loss factor (η)	0,147	± 10%
Thermal conductivity coefficient (λ)	0,120	EN 12668
Inflammability	E	EN 13501-2

MEGAPOINT

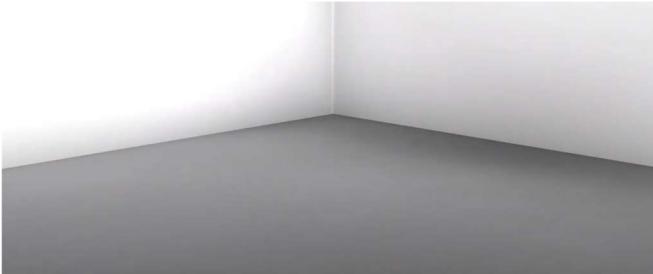
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INSTALLATION INSTRUCTIONS

- 1** Clean the installation surface so that it is free from dirt and roughness



- 2** Lay the MEGAPOINT panels, taking care to fit them together without leaving gaps or cavities along the joins



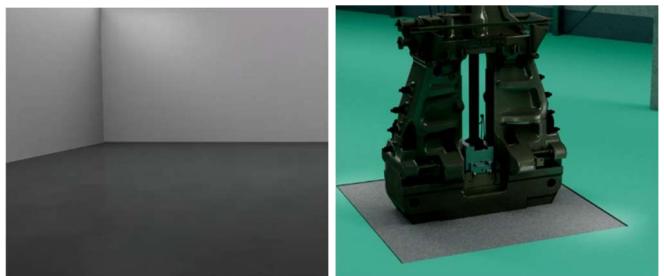
- 3** Seal the joins between the panels carefully with Stik tape

- 4** Lay a waterproof protective sheet over the MEGAPOINT



- 5** Prepare and position the reinforcing bars and cast the reinforced concrete base

- 6** Conclude with the installation of the machinery or lay the final flooring



CERTIFICATIONS

We provide product certificates that guarantee the declared performance



ON-SITE TESTS

The performance of the work carried out can be measured on-site by a qualified technician



TECHNICAL REPORT

Our technical staff can assist you throughout all phases of the project, helping you choose the right materials



LAYING ASSISTANCE

Thanks to our extensive commercial technicians network, we are at your disposal for the coordination of the first laying phases on site

SEE THE REFERENCES > VISIT THE WEBSITE

CONTACT THE TECHNICAL DEPARTMENT FOR MORE INFORMATION

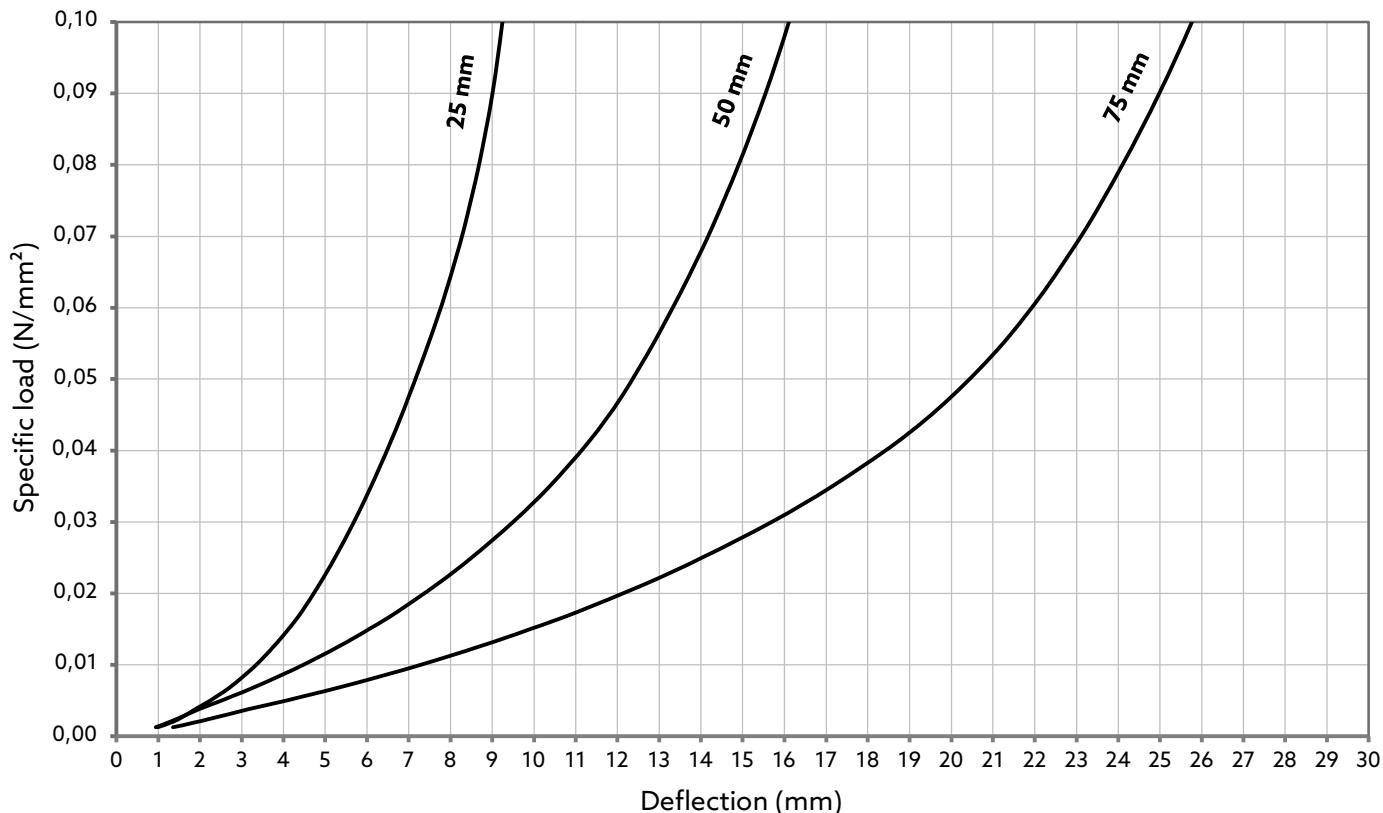
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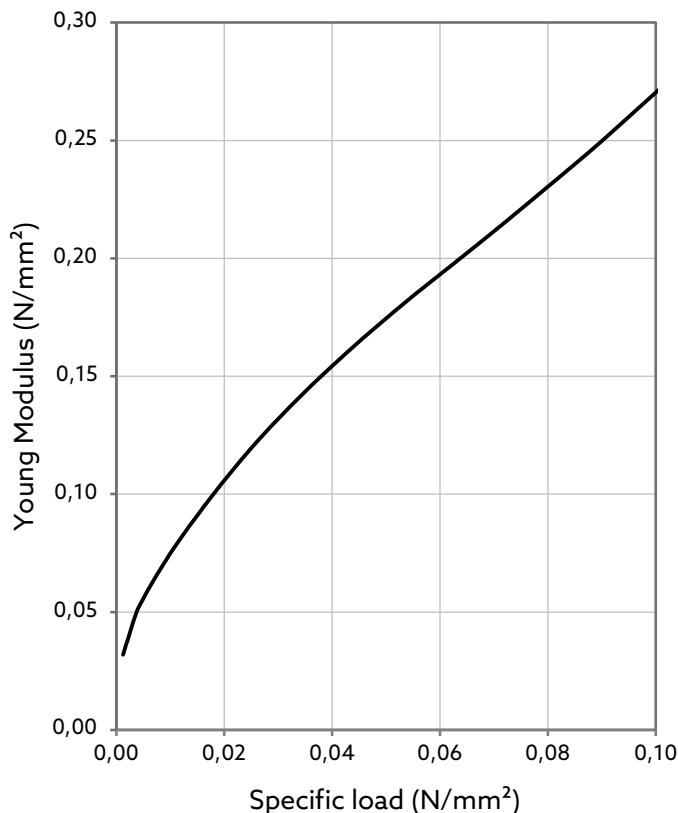
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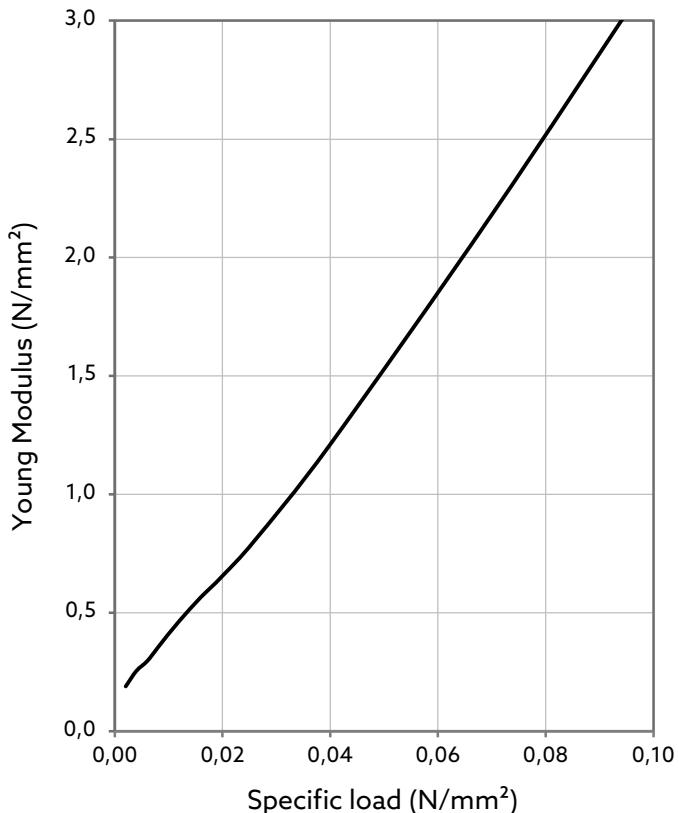
■ LOAD DEFLECTION CURVE



■ STATIC MODULUS OF ELASTICITY



■ DYNAMIC MODULUS OF ELASTICITY



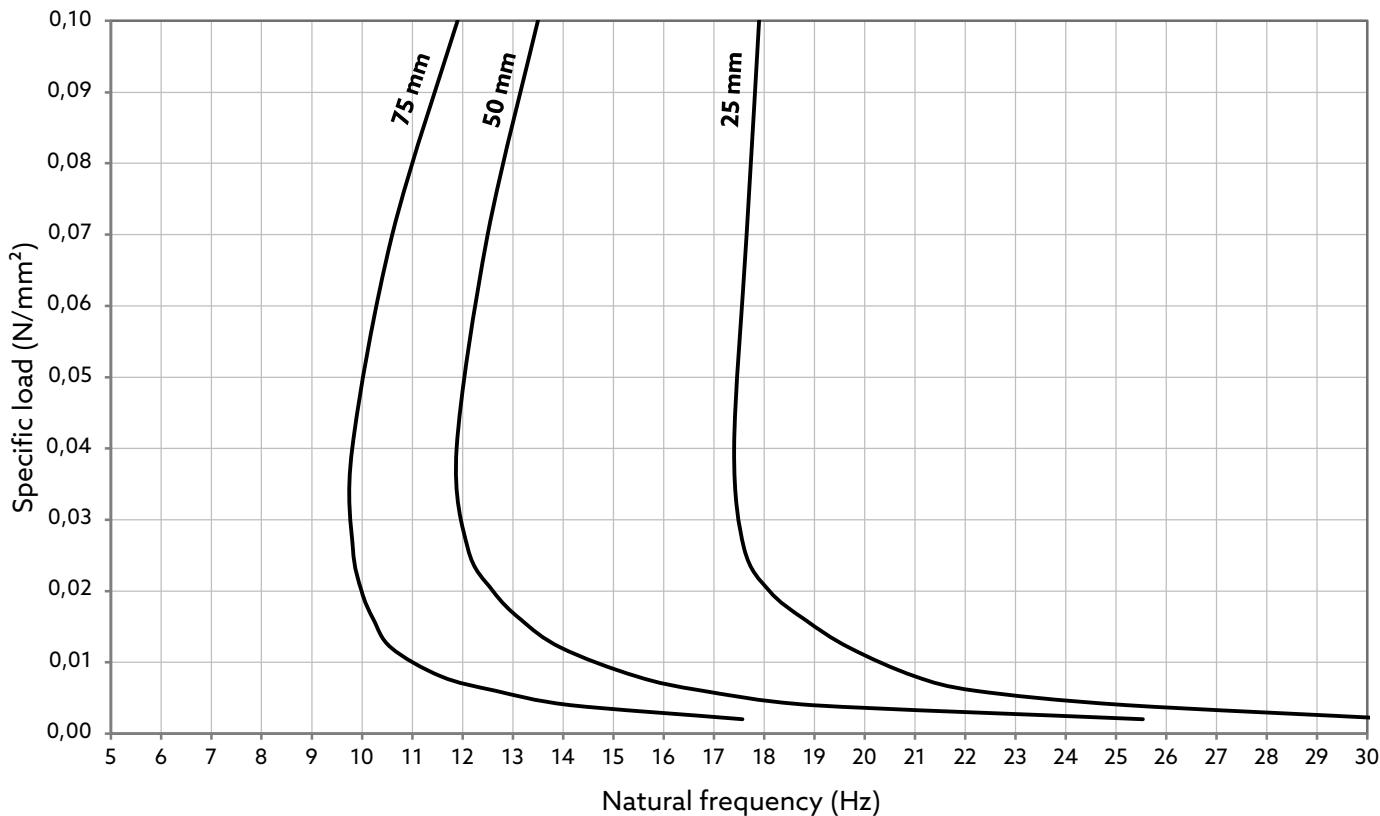
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NATURAL FREQUENCY



VIBRATION ISOLATION EFFICIENCY

