

# MEGAPOINT

## VIBRATION CONTROL

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# 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/m<sup>2</sup>. Panels dimensions are m 1,2 length, m 0,80 width. To be used for static and dynamic loads up to 0,05 N/mm<sup>2</sup>.



### ■ APPLICATION AREA

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

### ■ TECHNICAL DATA

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

# MEGAPOINT

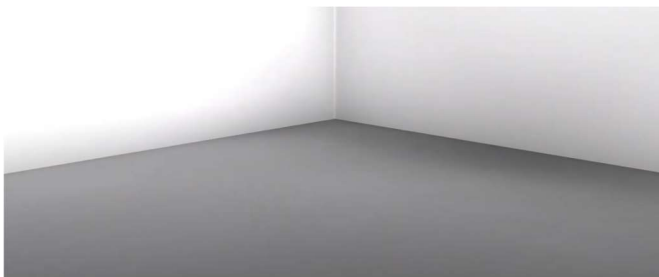
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### INSTALLATION INSTRUCTIONS

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



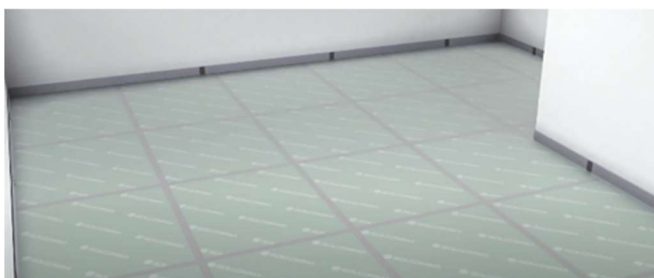
- 2 Lay the MEGAPOINT panels, taking care to fit them together without leaving gaps or cavities along the joints



- 3 Seal the joints 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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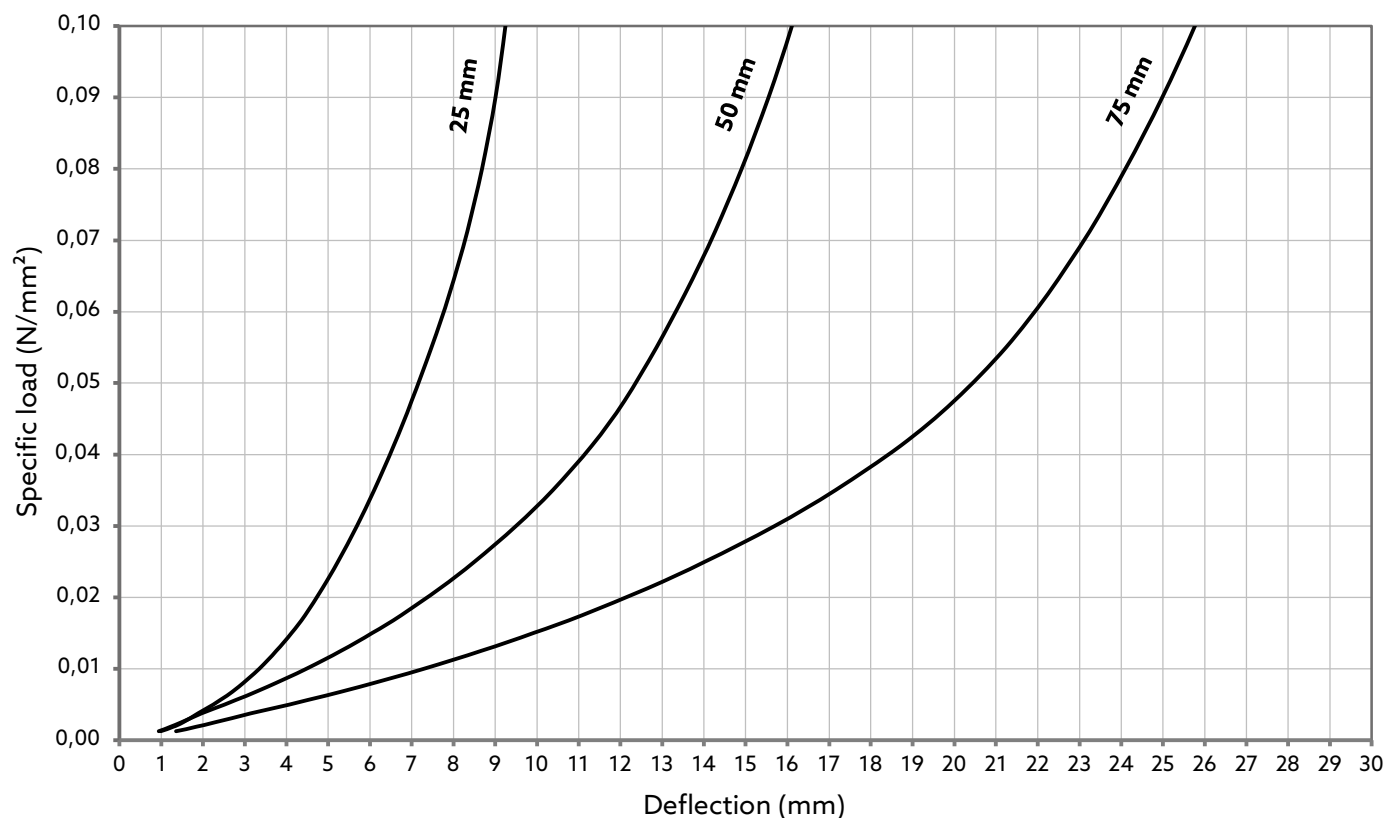
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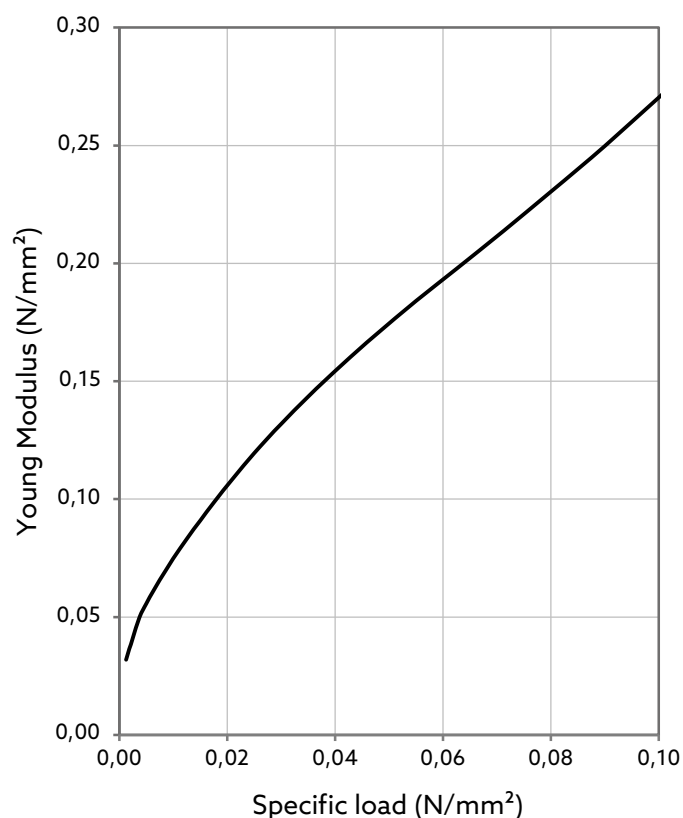
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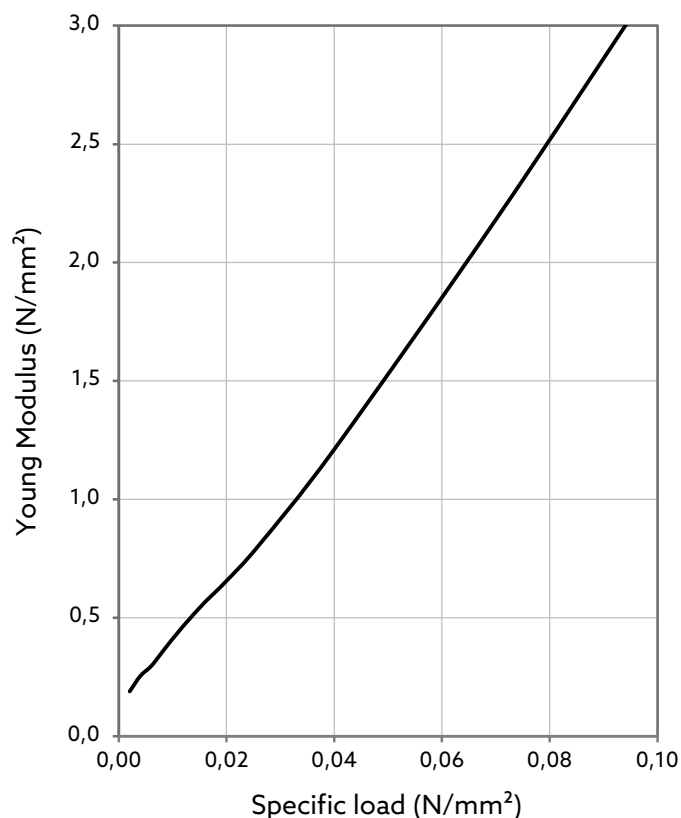
### LOAD DEFLECTION CURVE



### STATIC MODULUS OF ELASTICITY



### DYNAMIC MODULUS OF ELASTICITY

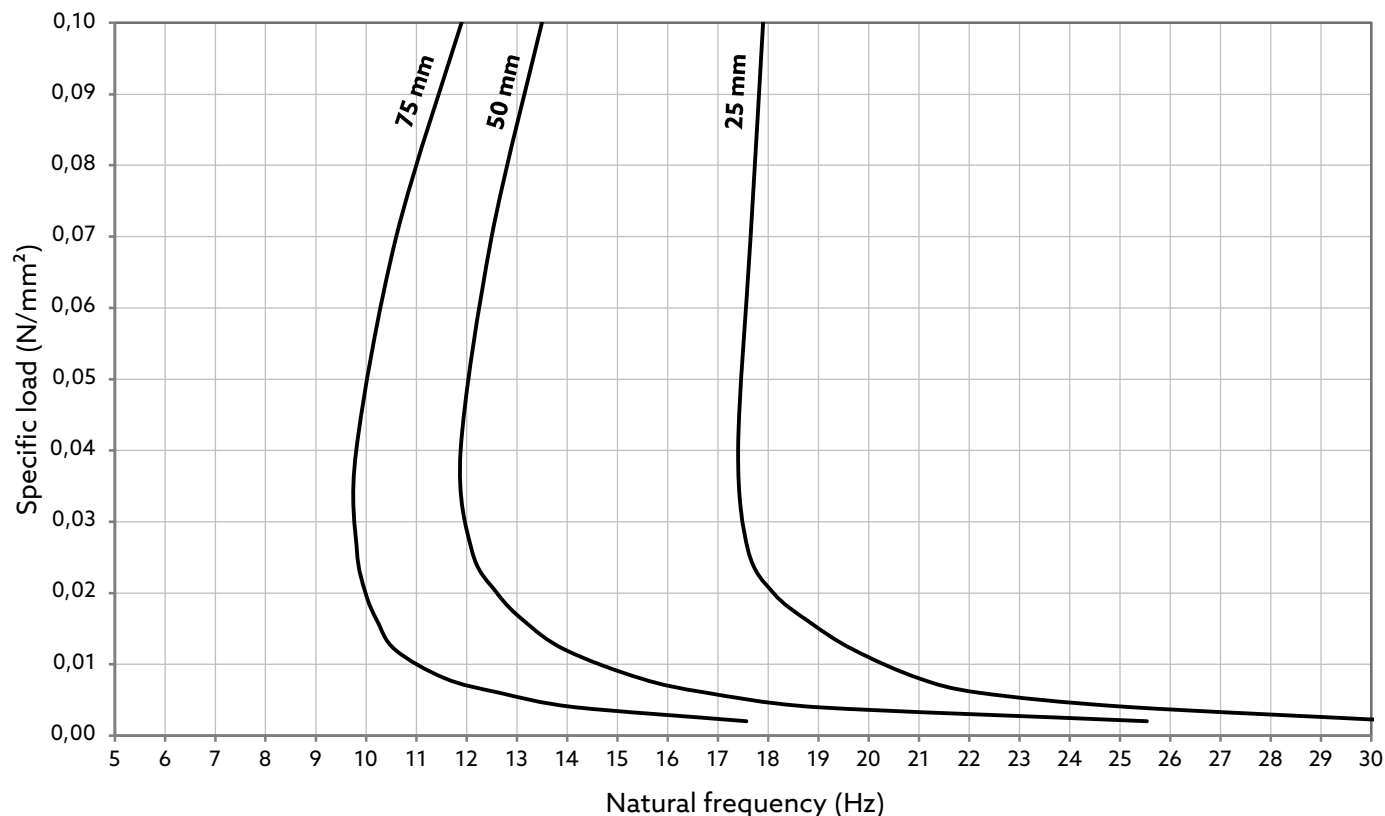


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## NATURAL FREQUENCY



## VIBRATION ISOLATION EFFICIENCY

