

PAD

VIBRATION CONTROL

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SPECIAL FLOATING FLOOR

SUPPORT FOR VIBRATION INSULATION MADE
IN PAD IN RUBBER FROM RECYCLING OF PFU

■ TECHNICAL SPECIFICATION

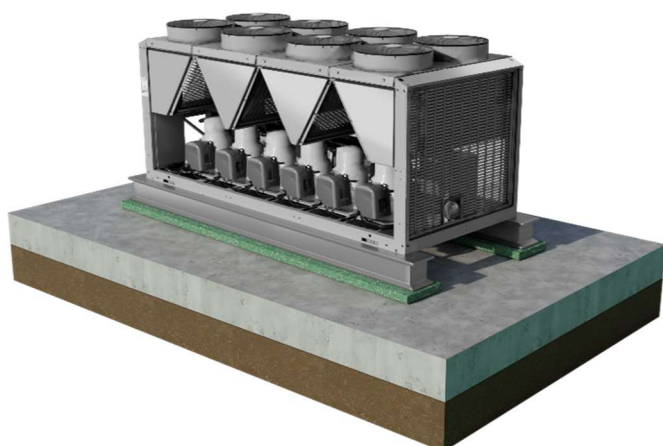
Anti-vibration bearing in the thickness of 20 mm or 50 mm, made of rubber granules and fibres from End-of-Life Tyres (ELTs) compacted using a polyurethane binder in a hot process. A non-woven, non-stretch waperproof synthetic membrane is applied on one side of the bearings, for added protection; density 500 kg/m³.

The pads dimensions are mm 240 lenght, mm 240 width. To be used for static and dynamic loads up to 0,25 N/mm².



■ APPLICATION AREA

Application fields	Load	Deformation
Static	up to 0,05 N/mm ²	~ 10%
Static and Dynamic	up to 0,25 N/mm ²	~ 30%
Load peaks (short time)	up to 0,80 N/mm ²	~ 50%



■ TECHNICAL DATA

		Tolerance	Standard
Thickness	20 - 50 mm	± 2	
Lenght	240 mm	± 2%	
Width	240 mm	± 2%	
Density	500 kg/m ³	± 10%	
Stress at strain 10%	0,05 N/mm ²	± 10%	EN ISO 29470
Static Modulus of Elasticity (Es) - strain 10%	0,55 N/mm ²	± 10%	EN ISO 29470
Dynamic Modulus of Elasticity (Ed) - strain 10%	1,80 N/mm ²	± 10%	
Loss factor (η)	0,143	± 10%	
Thermal conductivity coefficient (λ)	0,090		EN 12668
Inflammability	E		EN 13501-2

PAD

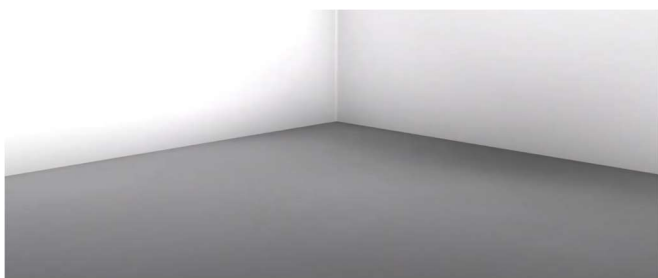
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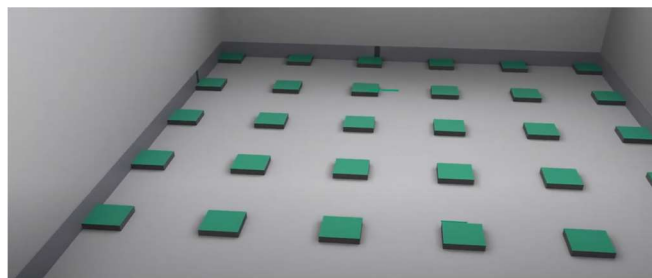
SPECIAL FLOATING FLOOR

INSTALLATION INSTRUCTIONS

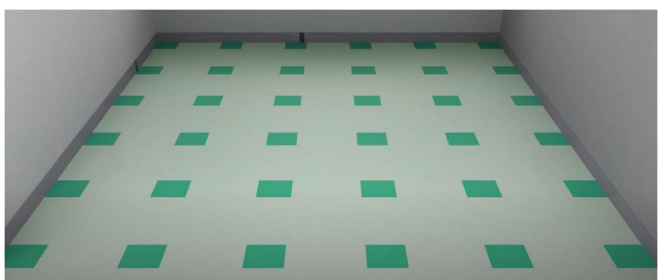
- 1 Clean the installation surface so that it is free from dirt and roughness



- 2 Lay the PADs with the centre distance defined in the design



- 3 Lay the FYBRO panels to fill the spaces between the PADs



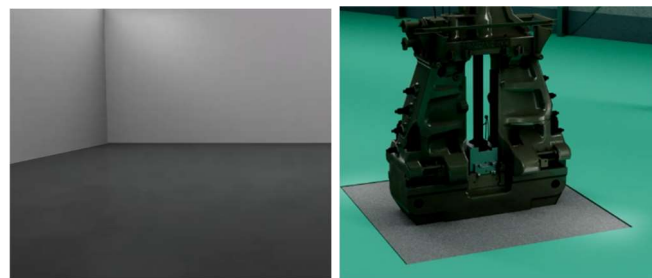
- 4 Install disposable formwork



- 5 Construct the screed or base with adequate reinforcement



- 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



www.isolgamma.com
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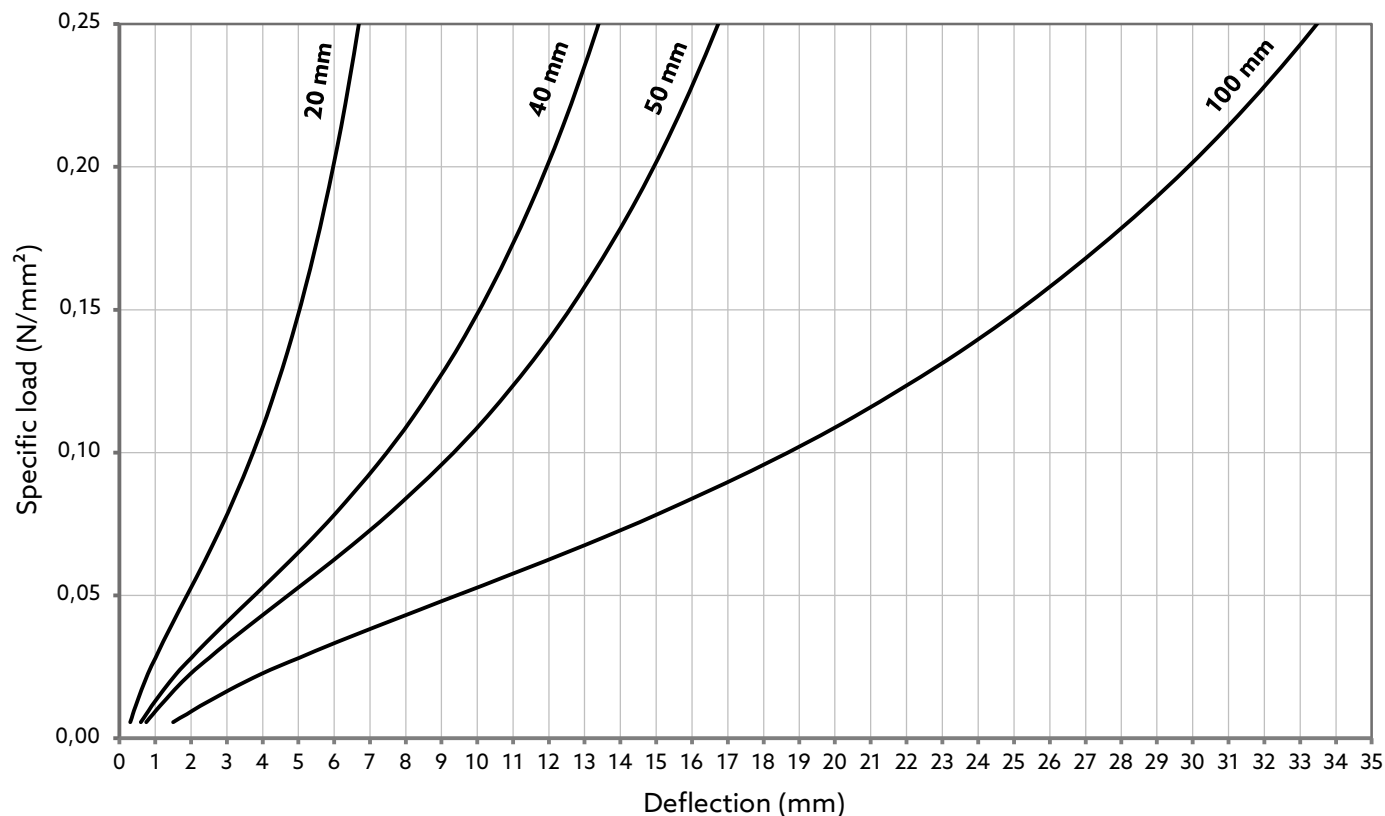
ISOLGOMMA
SILENCE MAKERS

PAD

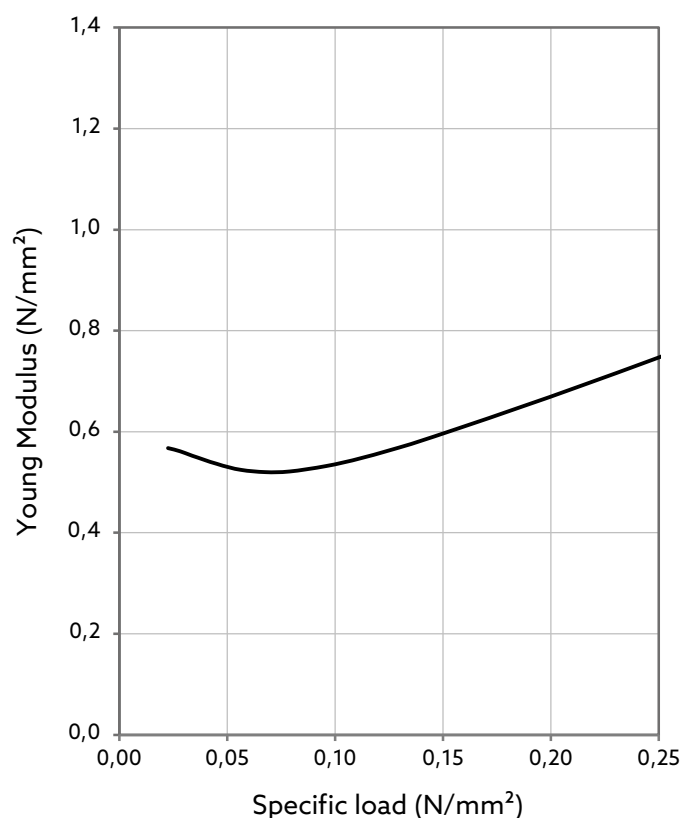
VIBRATION CONTROL



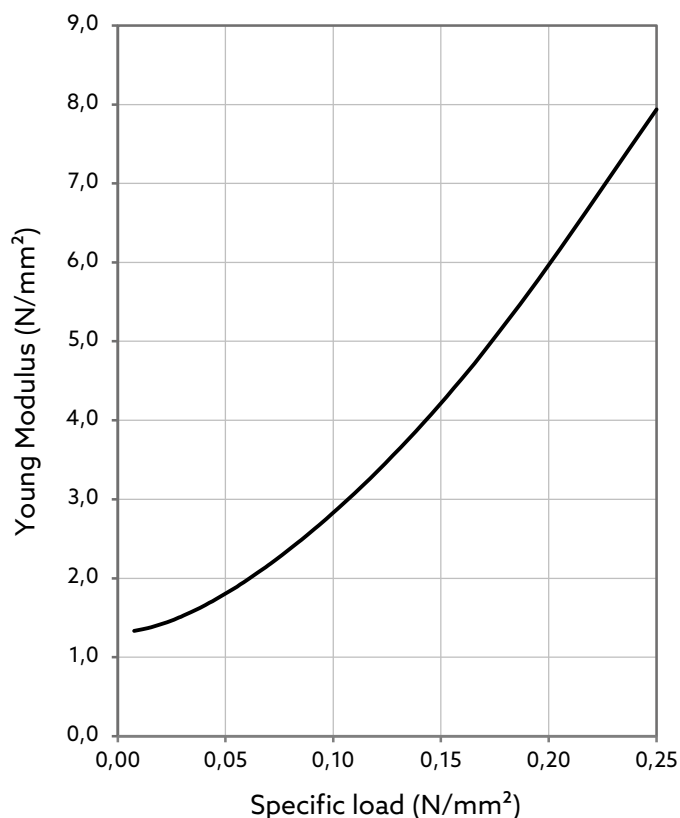
LOAD DEFLECTION CURVE



STATIC MODULUS OF ELASTICITY



DYNAMIC MODULUS OF ELASTICITY



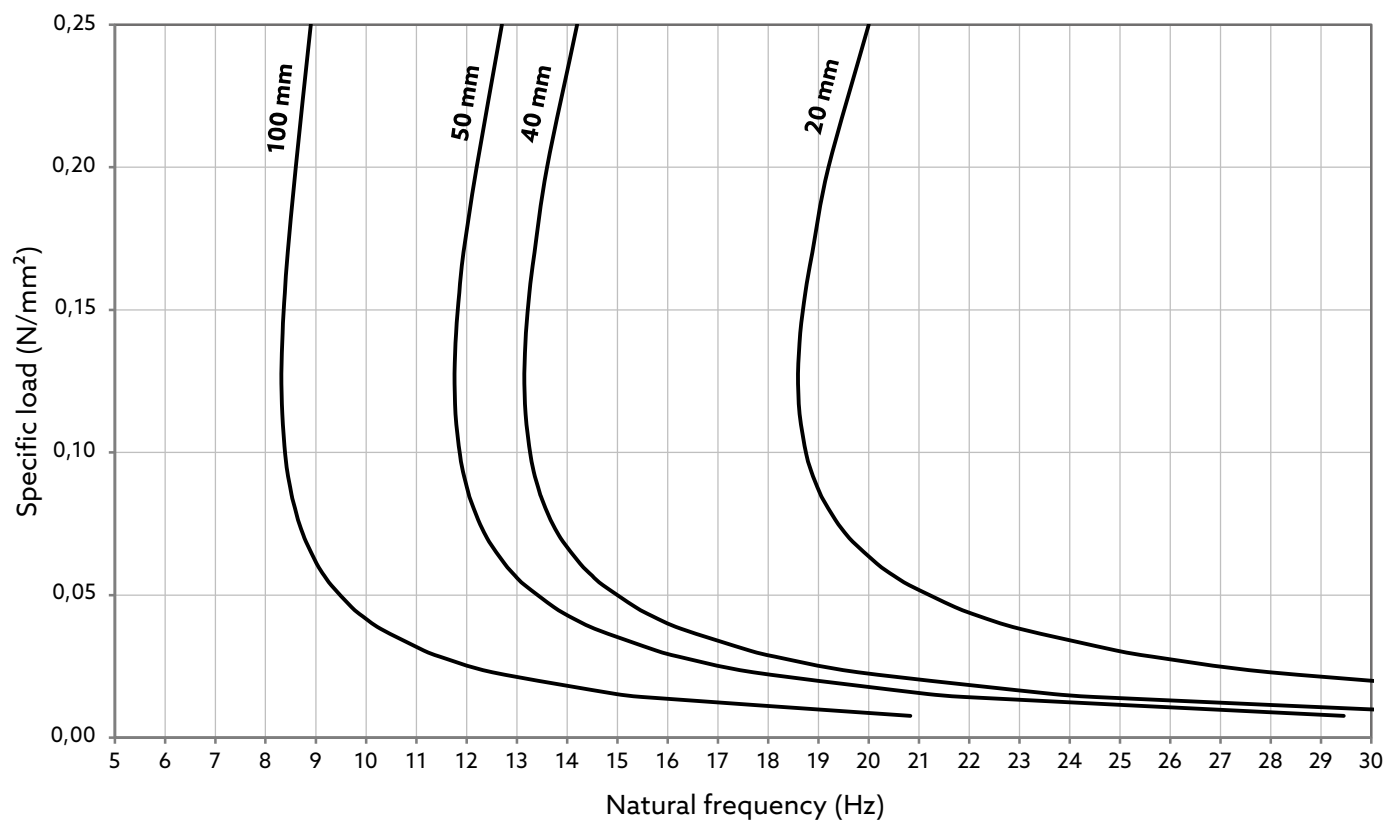
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SPECIAL FLOATING FLOOR

NATURAL FREQUENCY



VIBRATION ISOLATION EFFICIENCY

