

TECHNICAL SPECIFICATION

Anti-vibration material supplied in panels, with a dimpled shape on one side with a thickness of 25 mm, produced using fibres and granules of SBR rubber (Stirene Butadiene Rubber), selected and compacted using a polyurethane glue 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 1 width



AREA OF APPLICATION	COMPRESSION LOAD	DEFLECTION
Static range of use (static loads)	0,002 N/mm ²	5%
Operating load range (static plus dynamic loads)	0,002 ÷ 0,04 N/mm ²	5% ÷ 30%
Load peaks (short term, infrequent loads)	0,10 N/mm ²	40%

AREA OF APPLICATION

specific load (N/mm ²)	MEGAMAT ME 950	MEGAMAT ME 800	MEGAMAT ME 650	MEGAMAT ME 500	PAD / STRIPE	MEGAPOINT
2,00						
1,20						
0,70						
0,35						
0,20						
0,10						

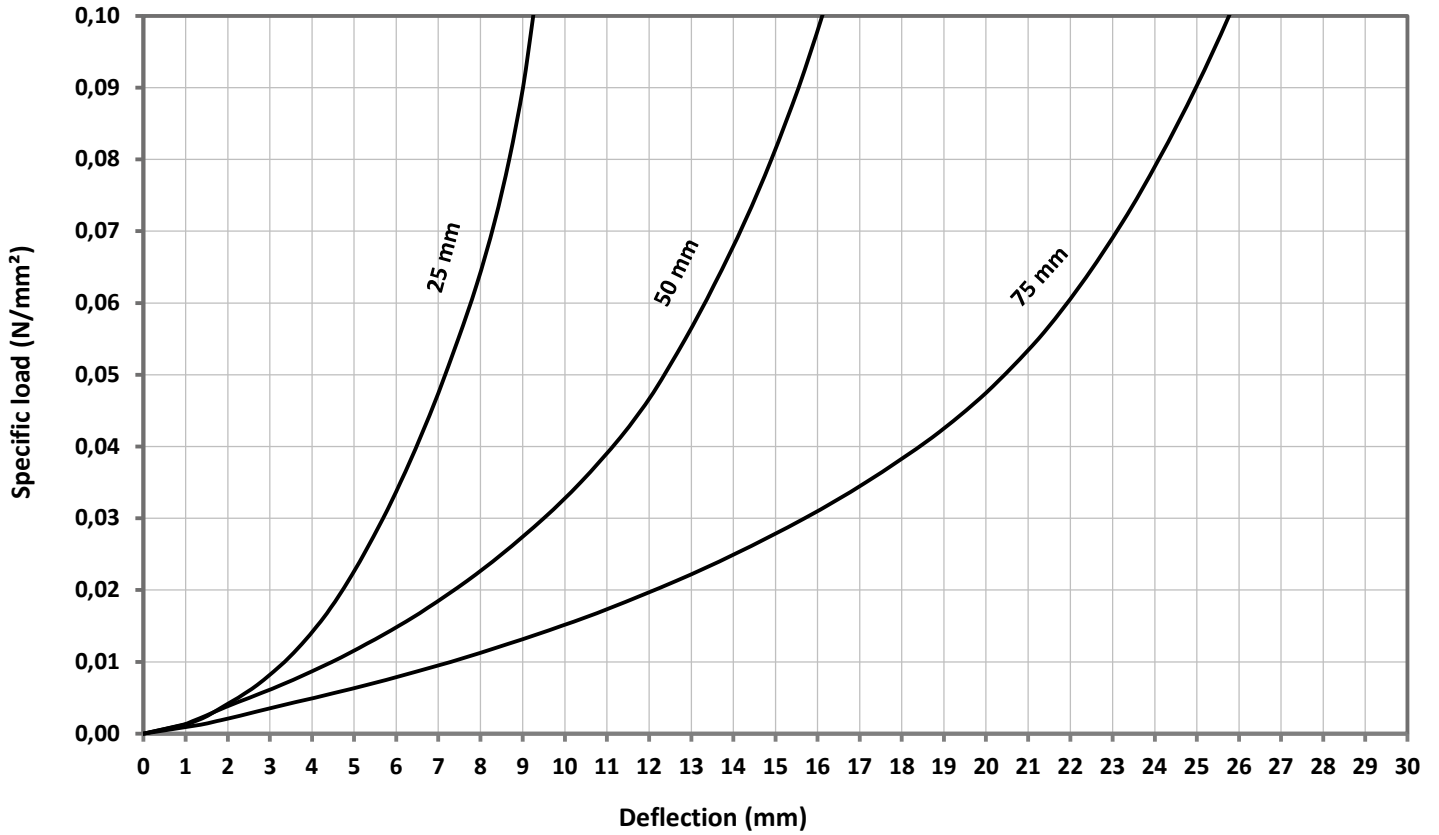
PHYSICAL CHARACTERISTICS	Standard	Unit	MEGAPOINT	Tolerance
Thickness		mm	25	± 2
Length		m	1,20	± 0,01
Width		m	1,00	± 0,01
Superficial weight		kg/m ²	11	± 5%
Backing superficial mass		g/m ²	90	
Colour			black/green	

ACOUSTIC CHARACTERISTICS	Standard	Unit	MEGAPOINT	Tolerance
Stress at strain 10%	EN 826	N/mm ²	0,006	± 10%
Static Modulus of Elasticity (Es) - strain 10%	EN 826	N/mm ²	0,060	± 10%
Dynamic Modulus of Elasticity (Ed) - strain 10%	UNI 11059	N/mm ²	0,296	± 10%
Loss factor (η)	UNI 11059		0,147	± 10%

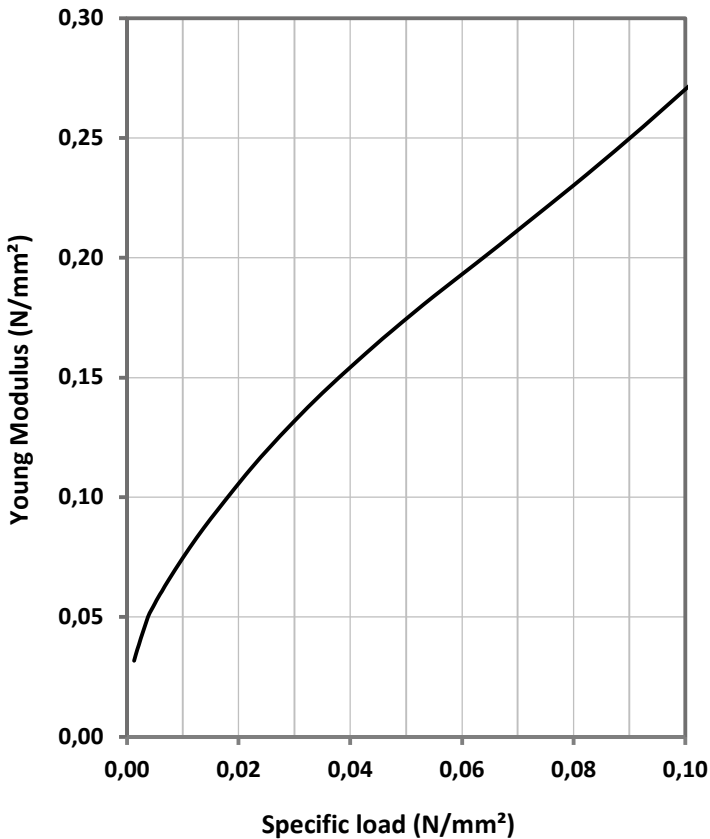
PHYSICAL AND CHEMICAL CHARACTERISTICS	Standard	MEGAPOINT	Tolerance
Temperature range of use		-20 °C / +110 °C	± 5%
Fire reaction	EN 13501-1	E	

The suggestions and technical information given above represent our knowledge regarding the properties and the product's uses. ISOLGOMMA reserve the right to modify or update this data without prior notice. This document is the property of ISOLGOMMA and all rights are therefore reserved.

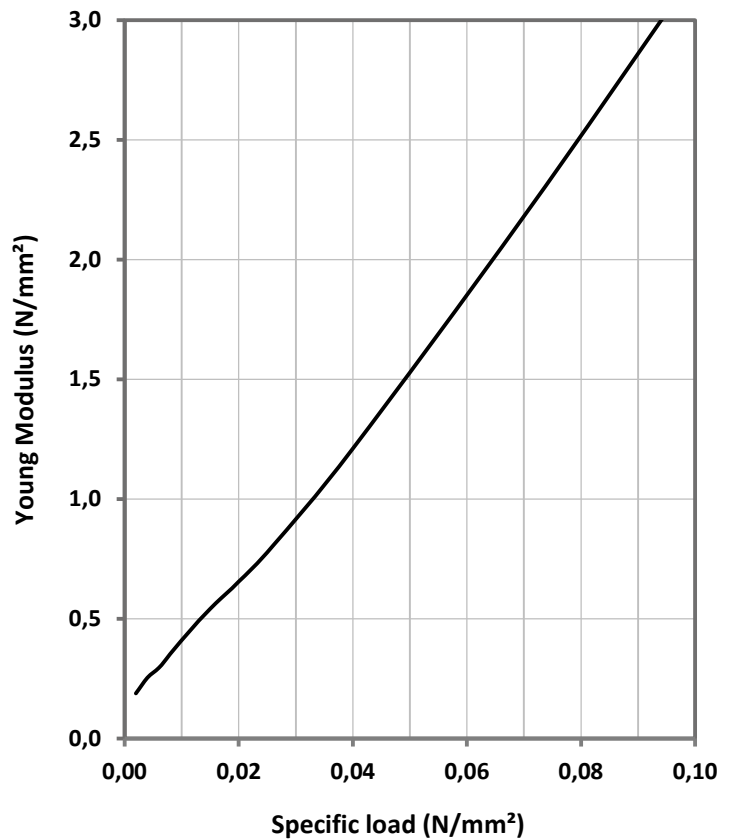
LOAD DEFLECTION CURVE



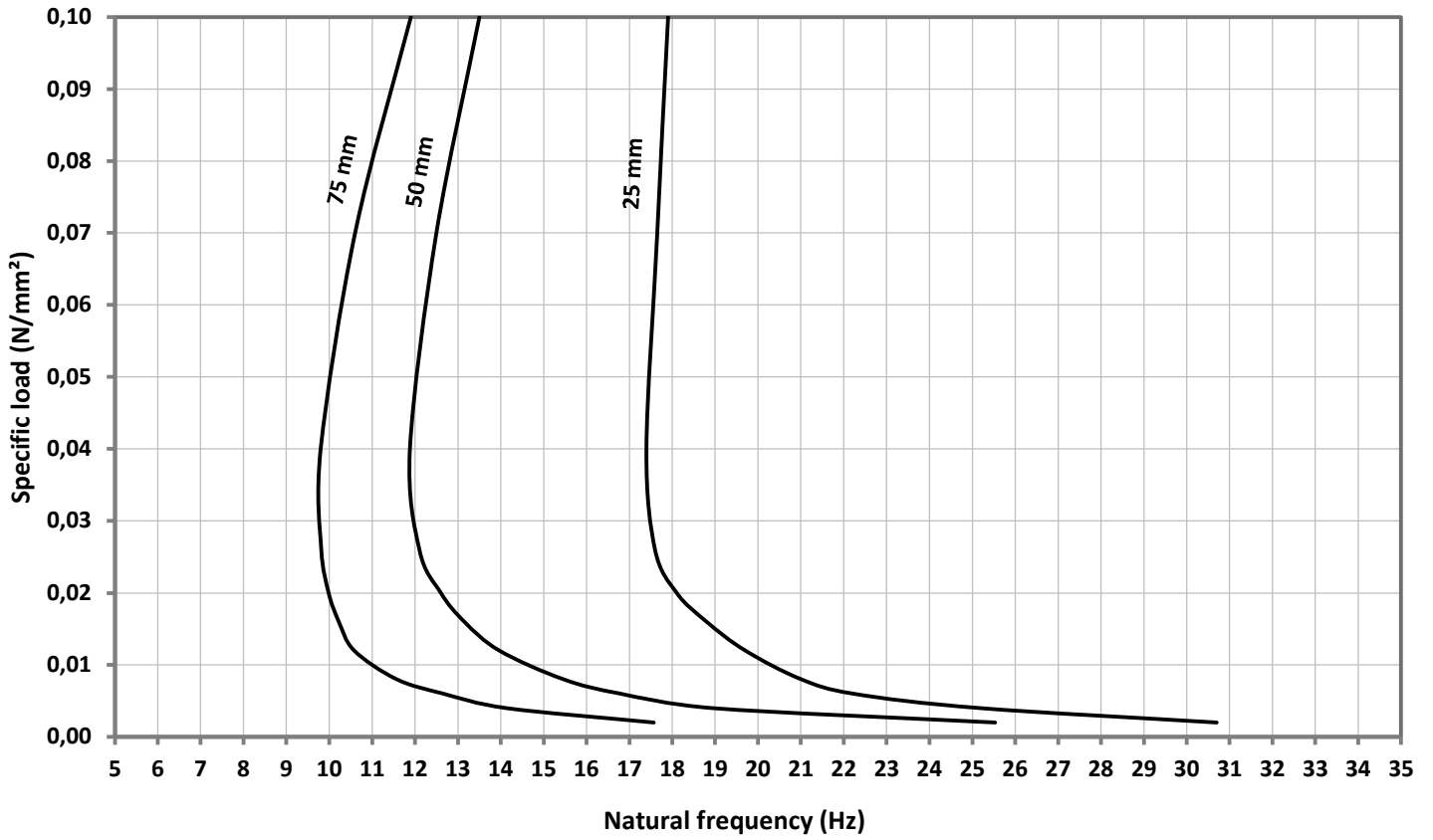
STATIC MODULUS OF ELASTICITY



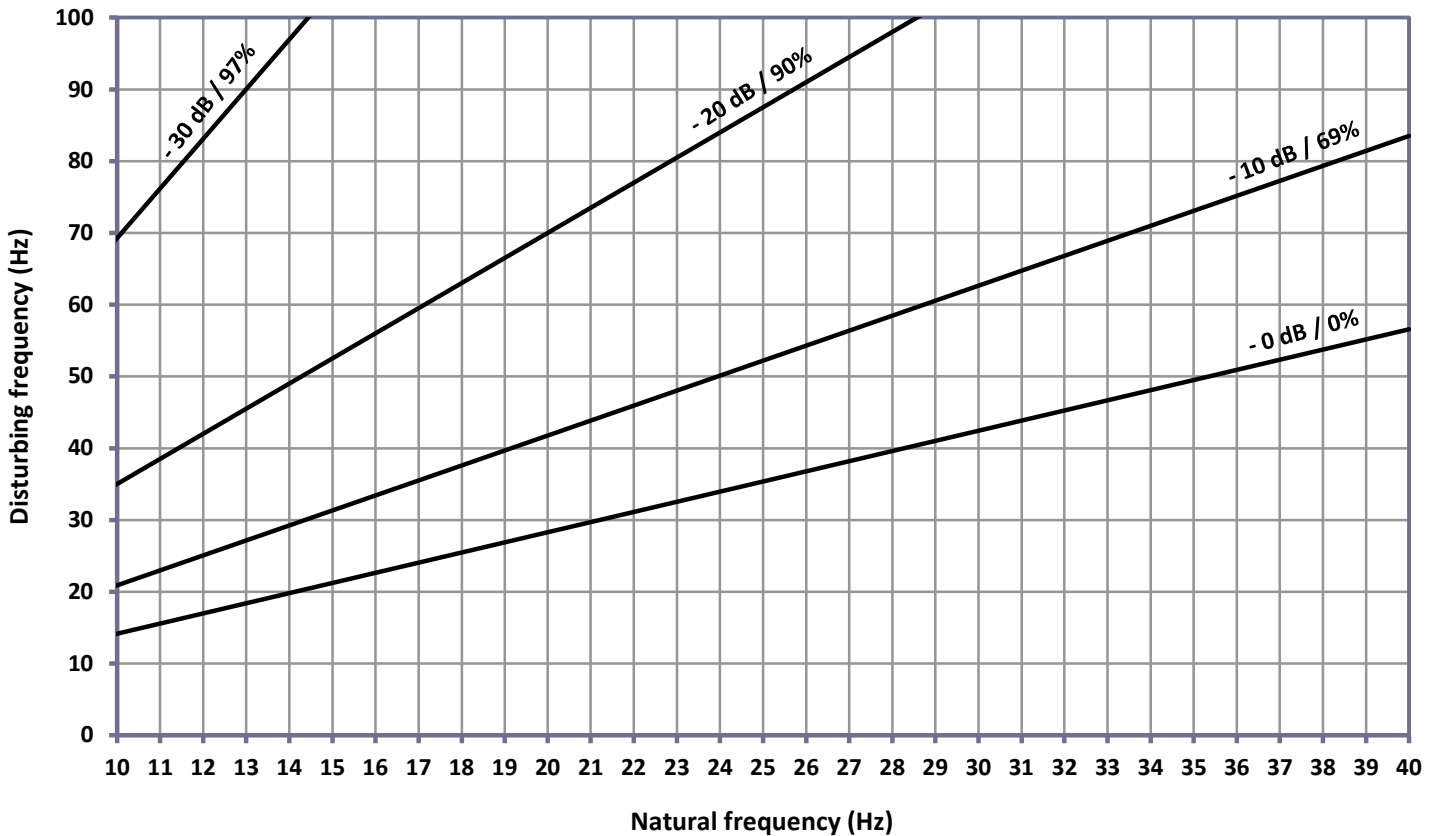
DYNAMIC MODULUS OF ELASTICITY



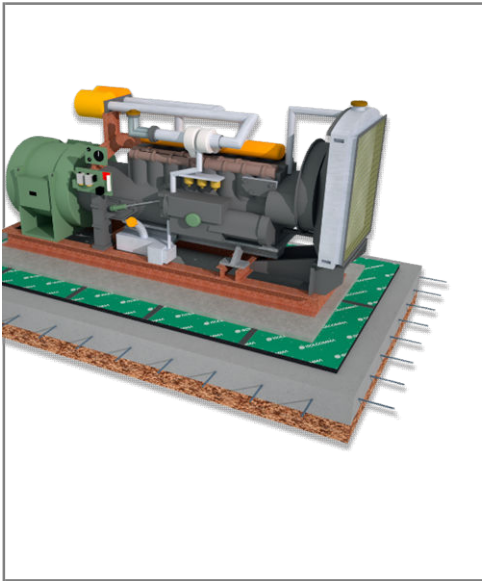
NATURAL FREQUENCY



VIBRATION ISOLATION EFFICIENCY



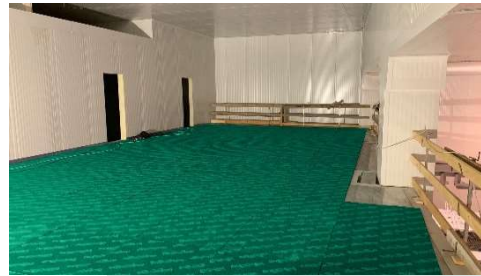
INSTALLATION INSTRUCTIONS



FLOATING FLOORS
INSULATION FOR
MACHINERIES



Build the containment foundation pit or clean the surface of the base of any residue.



Lay the Megapoint panels taking care of placing them without leaving gaps or cavities along the edges of the joints.



SWIMMING POOL
INSULATION



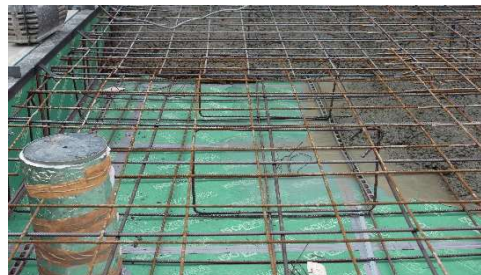
In case of pit, glue the panels Megapoint to the walls using Selena Tytan 60s glue.



Seal the horizontal and vertical joints carefully with the Stik tape.



ISOLATION OF
TEXTILE PRODUCTION
PLANT



A reinforcement steel mesh should be properly designed and installed depending on the screed dimensions. Build the floating slab directly on the Megapoint layer.