



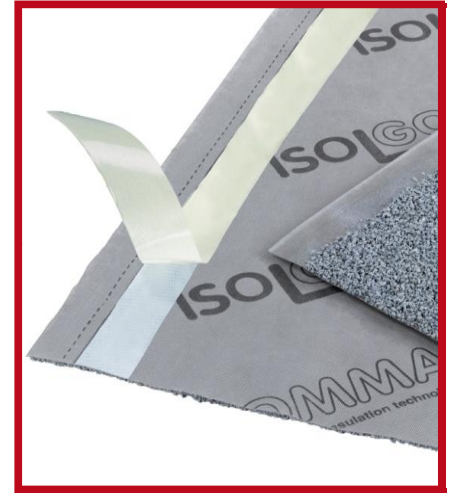
TECHNICAL DATA

Greif

Vibration insulation

Product description and Technical Specification

..... mm acoustic insulation rolls, made of EPDM (Ethylene Propylene Diene Monomer) rubber granules compacted using a latex binder in a hot process. A grey synthetic, 100g/m² non woven anti-stretch backing is applied on one side. The dimensions of the roll are: 500 cm length, 104 cm width including 4 cm adhesive side border for rolls overlapping during installation. The total mass surface is kg/m² and dynamic stiffness (s') is MN/m³.



- high sound insulation performance
- quick, simple and precise laying of product
- resistant to humidity

Area of application	Compression load	Deflection
Static range of use (static loads)	0.02 N/mm ²	10%
operating load range (static plus dynamic loads)	0.002 ÷ 0.03 N/mm ²	10% ÷ 35%
load peaks (short term, infrequent loads)	0.1 N/mm ²	50%

PHYSICAL CHARACTERISTICS	Unit	Greif 5	Greif 8	Tolerance
Thickness	mm	5	8	± 20%
Length	m	5.00		± 5%
Width	m	1.04		± 1%
Backing superficial mass	kg/m ³	100 standard; 120 PTB		
Overall Superficial mass	g/m ²	2.4	2.9	± 10%
Colour		grey		

TECHNICAL CHARACTERISTICS	Norm	Unit	Greif 5	Greif 8	Tolerance
Dynamic stiffness (s')	EN 29052/1	MN/m ³	26	17	± 2
Impact sound reduction improvement (ΔLw) - by laboratory test	EN ISO 10140	dB	23	24	
Stress at strain 10%	EN 826	kPa	2.55	2.25	± 5%
Compression strain (dL - 250 Pa)	EN 12431	mm	7.3	9.6	
Compression strain (dF - 2000 Pa)	EN 12431	mm	6.3	8.7	
Compression strain (dB - 50000 → 2000 Pa)	EN 12431	mm	5.9	8.3	
Thermal conductivity coefficient (λ)			0.067		
Resistance factor to the spread of water vapour (μ)			10 standard; 5000 PTB		
Inflammability			E		

PACKING AND STORING

Each pallet is wrapped and protected with waterproof polythene film. Inside storage is recommended to avoid possible wet storing.

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

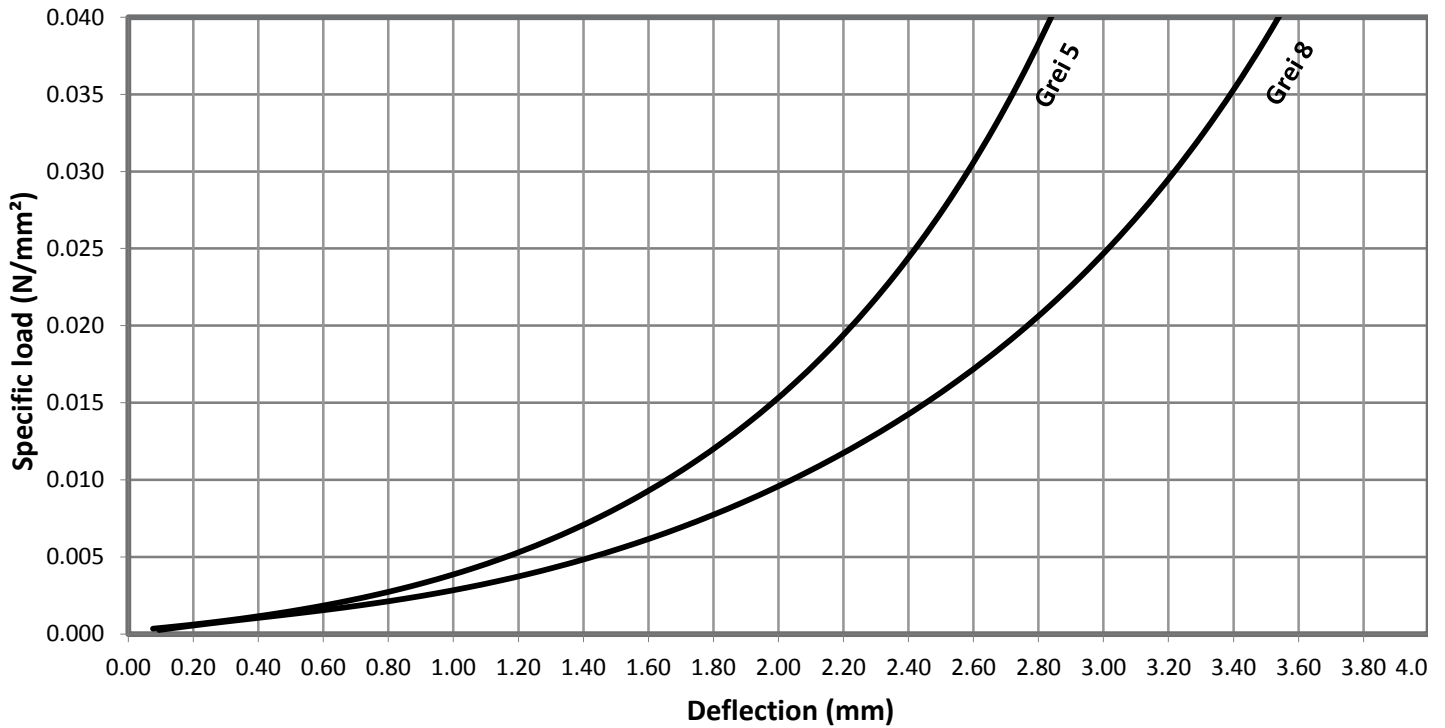


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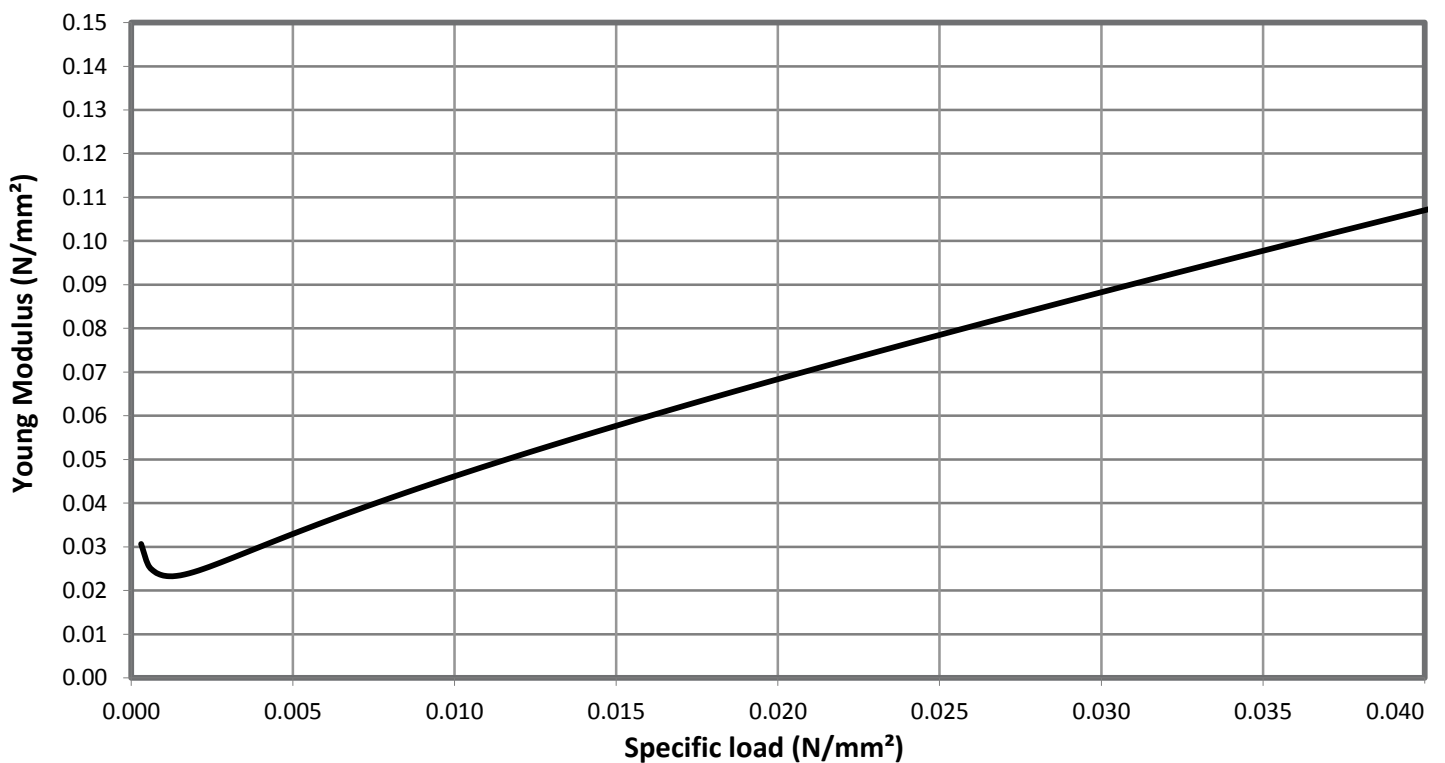
Greif

Vibration insulation

Load deflection curve



Static Modulus of Elasticity



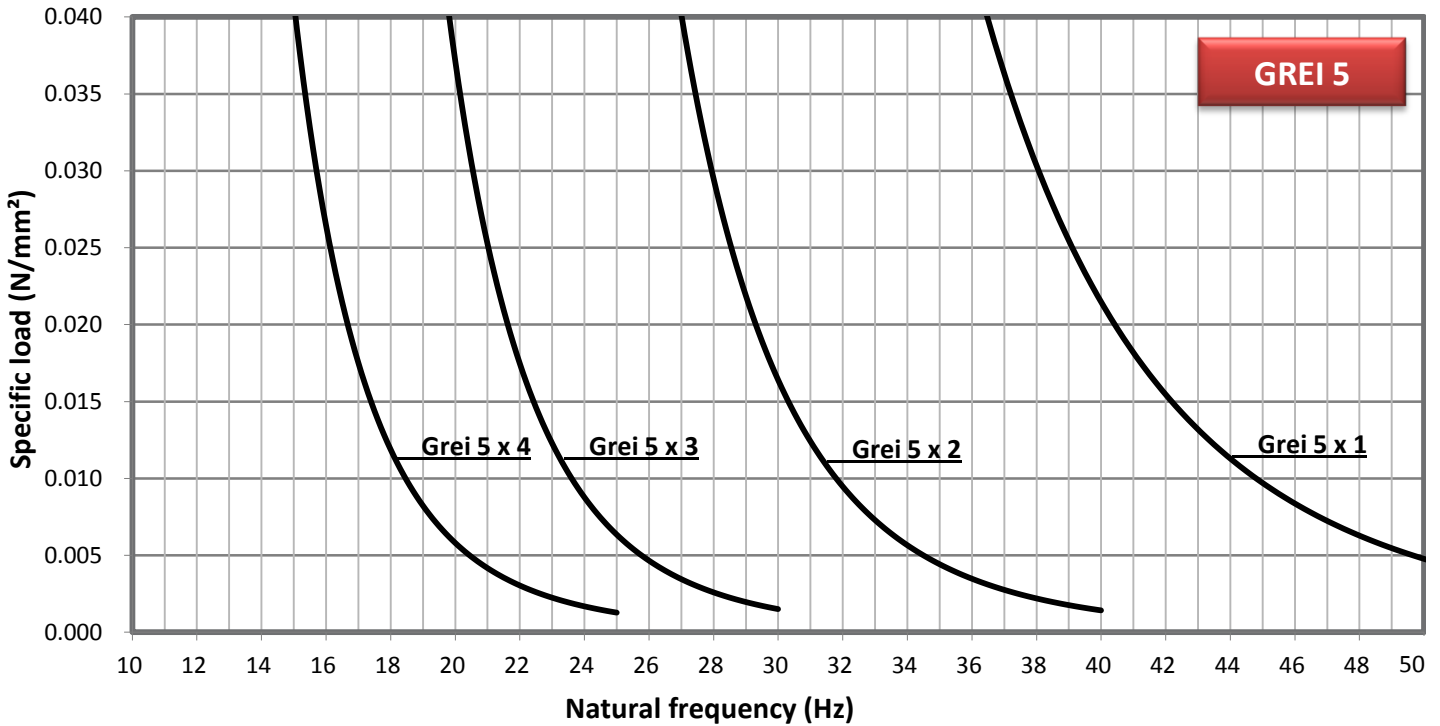


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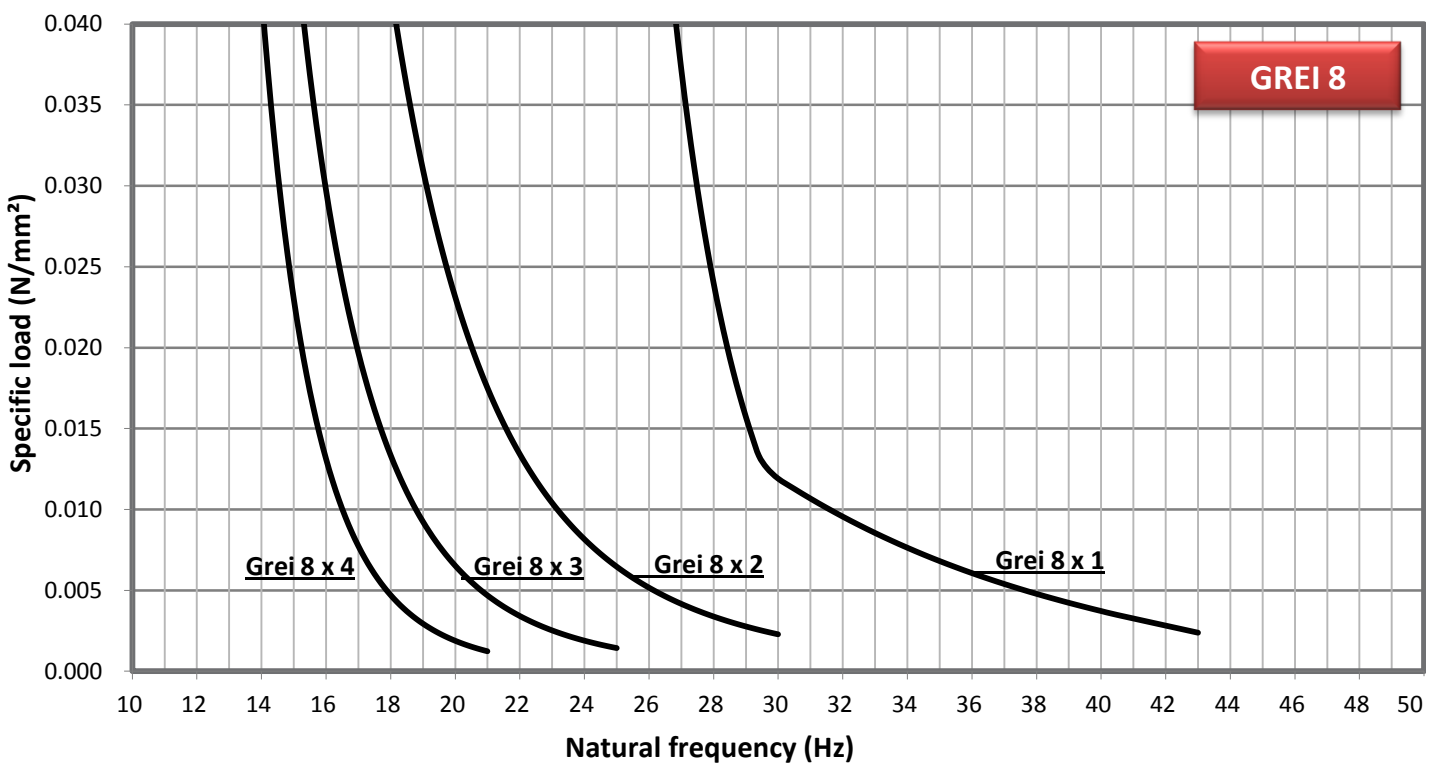
Grei

Vibration insulation

Natural frequency



Natural frequency



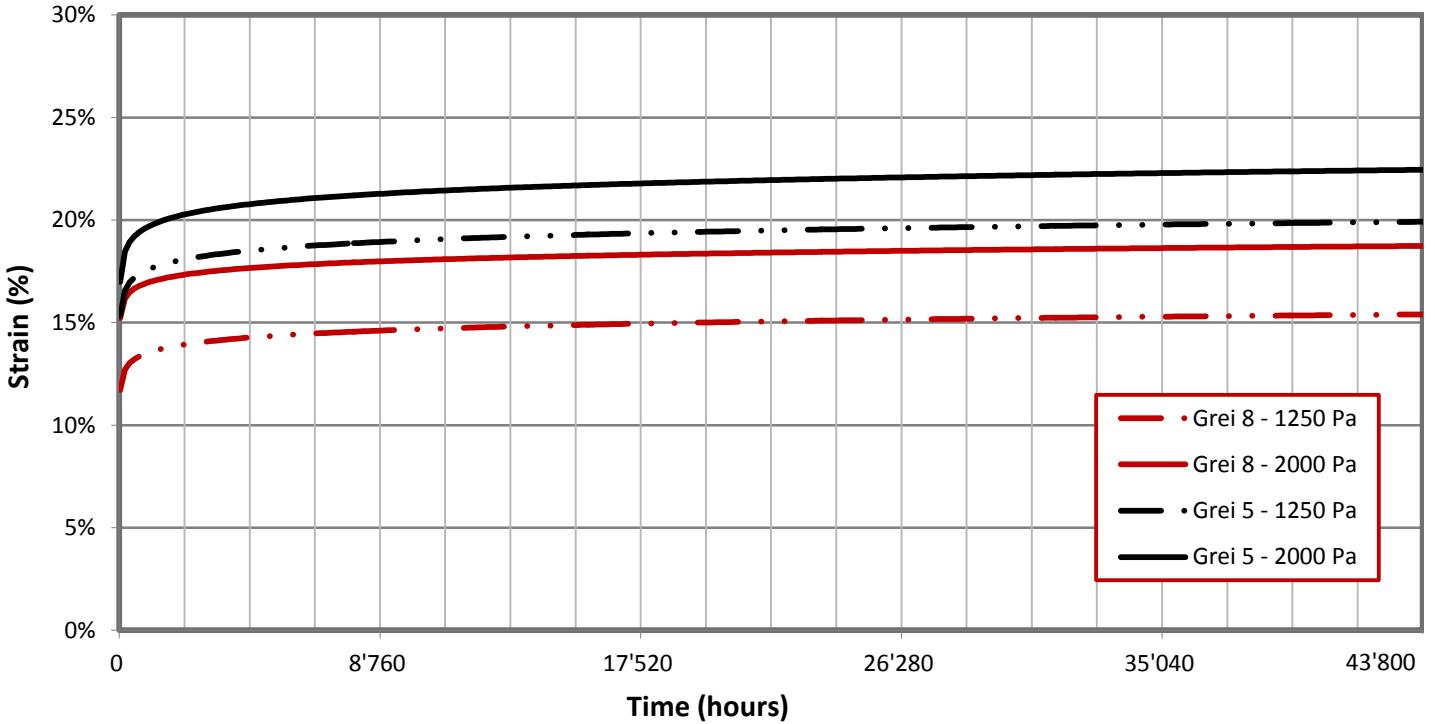


TECHNICAL DATA

Greif

Vibration insulation

Creep test - EN 1606



Vibration Isolation efficiency

