TECHNICAL DATA *Grei*

Acoustic insulation for floating floors

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, 90g/m² non woven anti-stretch backing is applied on one side. The dimensions of the roll are: 500 cm lenght, 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.

PTB Version: waterproof non woven anti-stretch backing for liquid screed

- ***High sound insulation performance***
- ***Quick, simple and precise laying of product***
- ***Resistant to humidity***

PHYSICAL CHARACTERISTICS	Standard	Unit	Grei 5	Grei 8	Tolerance
Thickness [1]	EN 12431	mm	5	8	± 10%
Length		m	5,00		± 2%
Width (including 4 cm overlapping band)		m	1,04		± 1%
Backing superficial weight		g/m²	90 / 120 PTB		
Superficial weight		kg/m²	2,4	2,9	± 10%
Colour			grey		

ACOUSTIC CHARACTERISTICS	Standard	Unit	Grei 5	Grei 8	Tolerance
Dynamic stiffness s'	EN 29052/1	MN/m³	26	17	± 1
Dynamic stiffness (dry application) [2]	EN 29052/1	MN/m³	15	11	± 1
Impact sound pressure level attenuation ΔLw - laboratory test	EN ISO 10140	dB	23	24	
Impact sound pressure level attenuation ΔLw - calculated [2]	EN 12354-2	dB	29	30	
Improvement of Impact Insulation Class ΔIIC	ASTM E 2179-03	dB	25	25	

TECHNICAL CHARACTERISTICS	Standard	Unit	Grei 5	Grei 8	Tolerance
Compression load (deformation 10%)	EN 826	kPa	2,55	2,25	± 5%
Thickness under load dL (250 Pa)	EN 12431	mm	7,3	9,6	
Thickness under load dF (2 kPa)	EN 12431	mm	6,3	8,7	
Thickness under load dB (50 kPa → 2 kPa)	EN 12431	mm	5,9	8,3	
Level for compressibility	EN 13162		CP2		
Thermal conductivity coefficient λ	EN 12667	W/m°K	0,067		
Water vapour diffusion resistance factor μ	EN 12086		10 / 5000 PTB		
Water vapour trasmission Sd	EN 12086	m	0,05 / 10 PTB		
Fire grade	EN 13501-1		E_{fl}		

PACKING AND STORING

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

[1] Product thickness measured according to norm EN 12431 equal to the value of "Thickness under load dB (50 kPa → 2 kPa)"

[2] Measurement executed in deviation from norm EN 29052-1, without applying plaster on the test sample

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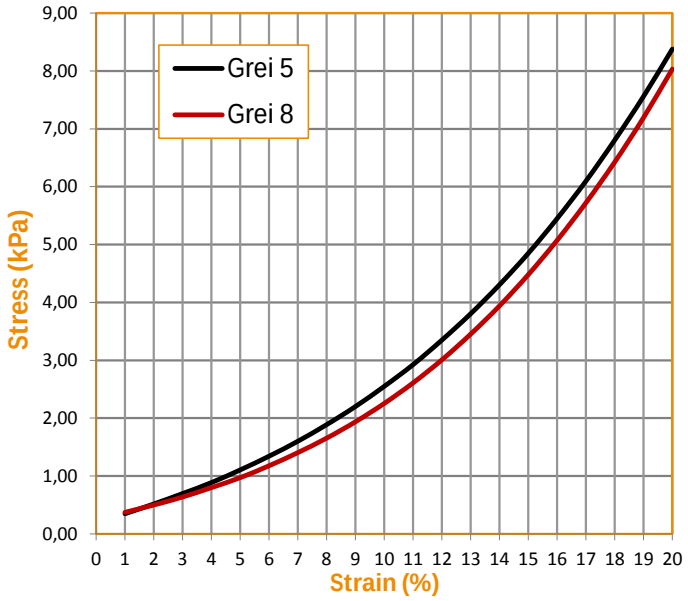
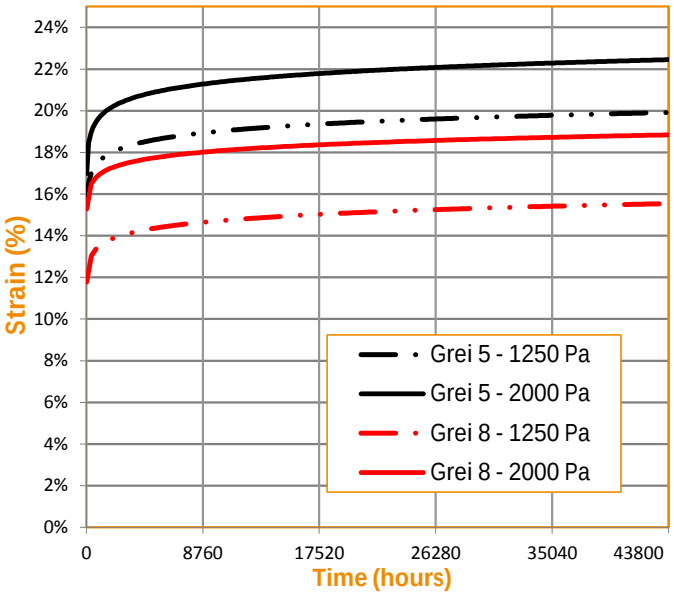
TECHNICAL DATA *Grei*

Acoustic insulation for floating floors

Compression behavior EN 826

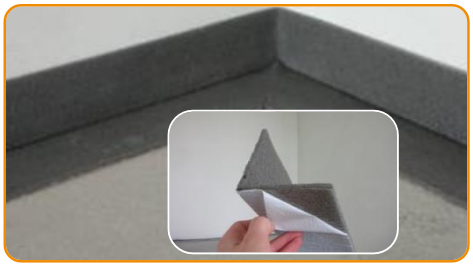


Creep behavior EN 1606 [4]



[4] The initial thickness of the product during testing is equal to the value of pag. 1 "Thickness under load dL (250 Pa)"

INSTALLATION INSTRUCTIONS



Apply the adhesive strip to the wall and floor with particular attention in the corners

Install the acoustic mat with rubber granules facing down

Joint two adjacent mats using the pre-built adhesive tape and following the dashed lines

Build the screed

Install the floor finishing (ceramic or wood)

Cut the exceeding part of the edging strip

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