



TECHNICAL DATA

Greil Line

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 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.

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	Greil 5	Greil 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/m ²	90 / 120 PTB		
Superficial weight		kg/m ²	2,4	2,9	± 10%
Colour			grey		

ACOUSTIC CHARACTERISTICS	Standard	Unit	Greil 5	Greil 8	Tolerance
Dynamic stiffness s'	EN 29052/1	MN/m ³	26	17	± 1
Dynamic stiffness (dry application) ⁽²⁾	EN 29052/1	MN/m ³	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	Greil 5	Greil 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 ² K	0,067		
Water vapour diffusion resistance factor μ	EN 12086		10 / 5000 PTB		
Water vapour transmission 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

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.

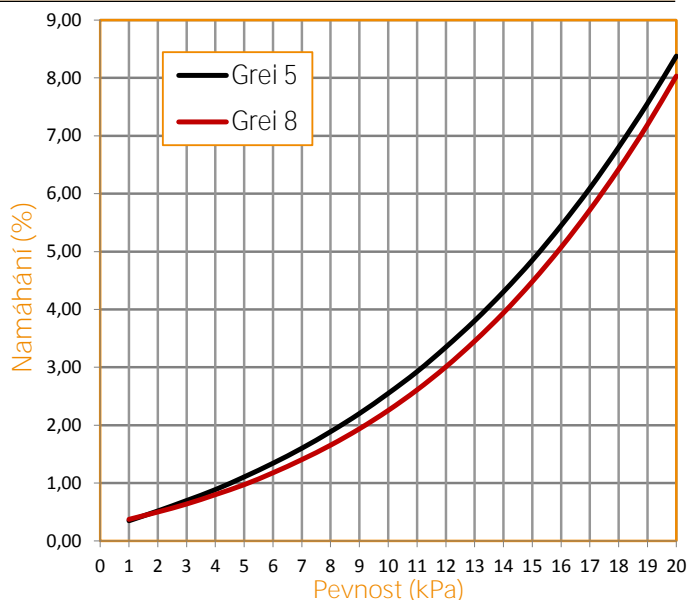


TECHNICKÁ DATA

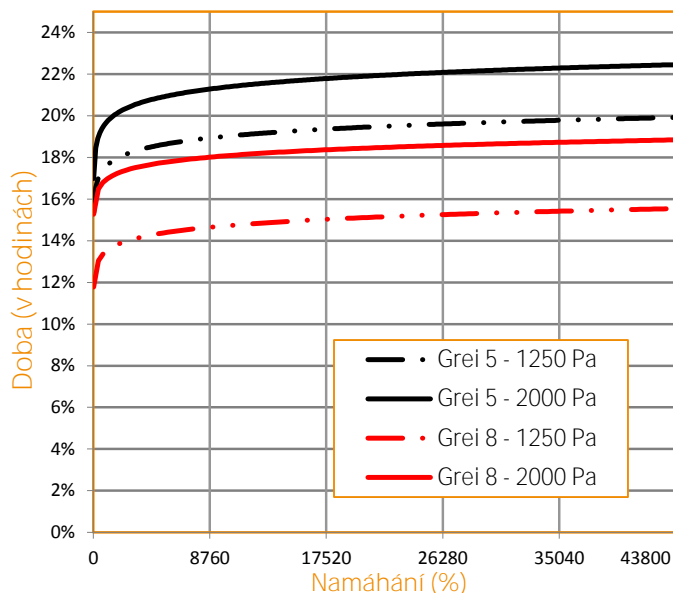
Grei

Akustická a tepelná izolace plovoucích podlah

Určení komprese - EN 826



Creepová zkouška - EN 1606 ⁽⁴⁾



⁽⁴⁾ Výchozí tloušťka produktu během testování odpovídá hodnotě na straně 1 "Namáhání tlakem (dL - 250 Pa)".

POKYNY K INSTALACI



Izolujte duté rohy profilovou páskou, kterou nastříháte podle obrázku.



Izolační vrstvu položte na podlahu gumovými granulemi směrem dolů.



Spoje slepte lepicím překladem na okraji role. Pro řádné slepení se řiďte tečkovanými a souvislými čarami.



Rozmíchejte potěr.



Položte nášlapnou vrstvu podlahy (keramické dlaždice nebo dřevo).



Po dokončení pokládky podlahy odstříhňte přesahující kusy lemovky.