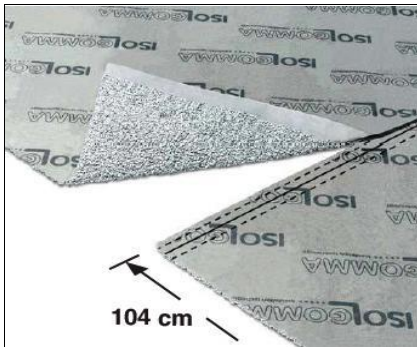


TECHNICAL DATA

Greis Range: G8 PTB

ISOLGOMMA
..... Insulation technology

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Product description and Technical Specification

8 mm acoustic insulation supplied in rolls and produced using granules of EPDM (Ethylene Propylene Diene Monomer) compacted using a latex adhesive in a hot process. A grey synthetic waterproof, 120g/m² non woven anti-stretch backing is applied on one side. The dimensions of the roll are: 500 cm long, 104 cm wide including 4 cm of overlap for overlapping the joints during installation. Density without backing is 325 kg/m³, the total superficial weight is 2,72 kg/m² and dynamic stiffness (s') is 12 MN/m³.

Application

Acoustic Insulation for reduction of impact sound/noise through separating floors

PHYSICAL CHARACTERISTICS	Norm	Unit	Value	Tolerance
Nominal thickness	EN 12431	mm	8	± 10%
Length		cm	500	± 5%
Width (including 4 cm of the overlapping flap)		cm	104	± 1%
Density (without backing)		kg/m ³	350	± 7%
Backing superficial mass		g/m ²	120	
Overall Superficial mass		kg/m ²	2,90	± 7%
Colour			grey	

TECHNICAL CHARACTERISTICS				
Dynamic stiffness (s')	EN 29052/1	MN/m ³	12	± 2
Impact sound reduction improvement (ΔLw) - by laboratory test	ISO 140/8, 717/2	dB	23	
Impact sound reduction improvement (ΔLw) - calculated	EN 12354/2	dB	30	
Compression at strain 10%	EN 826	kPa	2,654	± 5%
Compression strain (dL - 250 Pa)	EN 12431	mm	9,10	
Compression strain (dF - 2000 Pa)	EN 12431	mm	8,45	
Compression strain (dB - 50000 → 2000 Pa)	EN 12431	mm	7,96	

PHYSICAL AND CHEMICAL PROPERTIES				
Thermal conductivity coefficient (λ)	EN 12667	W/m ^{°K}	0,067	
Resistance factor to the spread of water vapour (μ)	EN 12086		50000	
Fire resistance	2000/147/CE		E	

PACKING AND STORING				
Product surface per pallet		m ²	200	
Pallet dimension		m x m	1,05 x 1,05	
Number of rolls per pallet		n°	40	

Each pallet is wrapped and protected with waterproof polythene film. Inside storage is recommended to avoid possible ingress by rain.

INSTALLATION INSTRUCTIONS

The roll have to be dry applied on the whole floor surface by laying down them directly on the floor base with the rubber granules on the floor side down. The rolls have to be lined-up each other by overlapping them with the jointing side edge along to the lines of position(dotted and continuous). Seal the jointing lines with our "Stik" adhesive tape. Separate the floating screed from the walls by applying the "Profile" adhesive strip all along the perimeter room wall corners.

HEALTH & SAFETY

This is not a dangerous material, therefore it is not subject to the European directive 67/648/CEE.

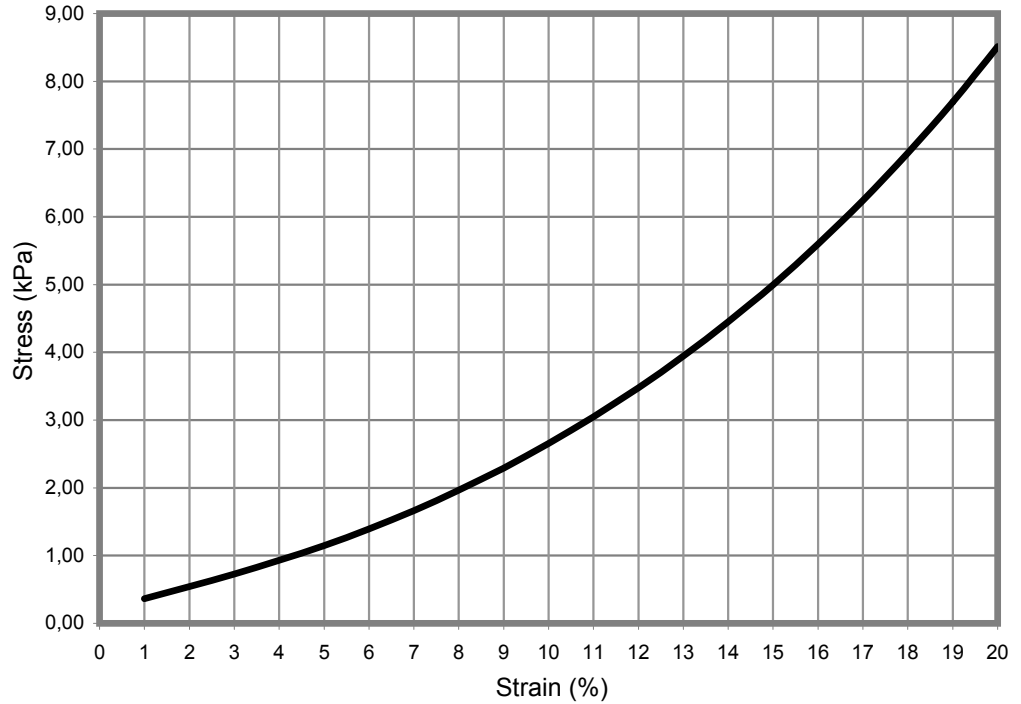
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TECHNICAL DATA

Greif Range: G8 PTB

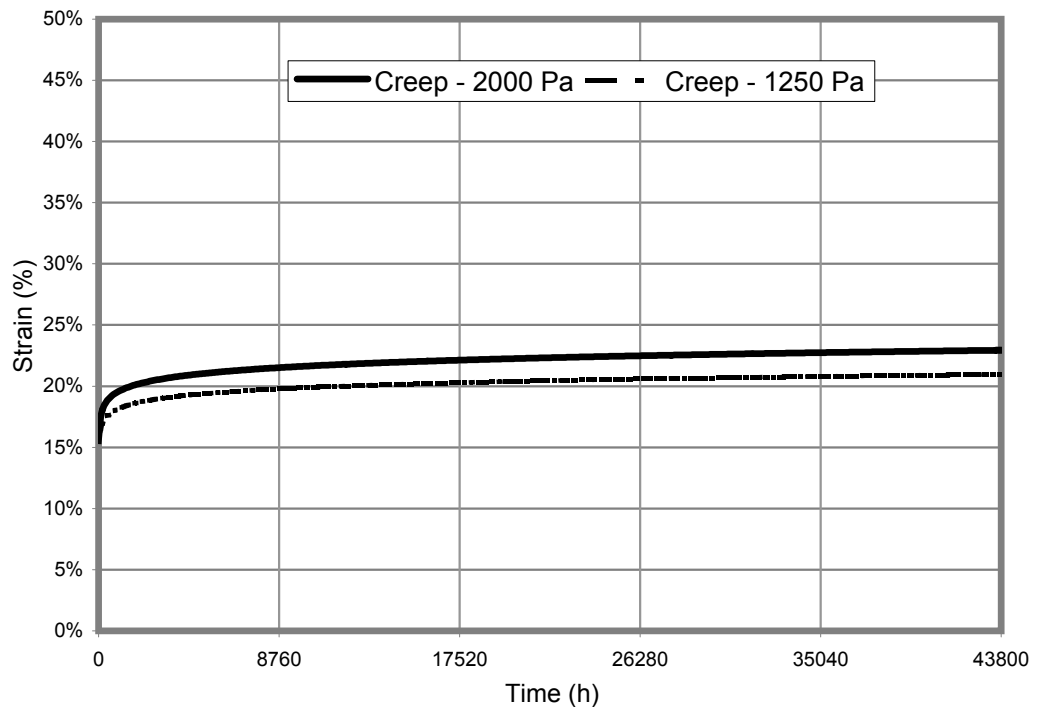
Determination of compression - EN 826

Strain (%)	Stress (kPa)
1	0,364
2	0,544
3	0,728
4	0,930
5	1,150
6	1,395
7	1,664
8	1,964
9	2,290
10	2,654
11	3,049
12	3,478
13	3,944
14	4,451
15	4,999
16	5,599
17	6,239
18	6,943
19	7,694
20	8,511



Creep test - EN 1606

Time (h)	Strain (%)	
	1250 Pa	2000 Pa
24	15,68%	16,66%
48	16,05%	17,07%
72	16,29%	17,32%
96	16,46%	17,51%
120	16,59%	17,67%
144	16,71%	17,80%
168	16,80%	17,91%
360	17,31%	18,50%
720	17,82%	19,10%
1080	18,13%	19,48%
1440	18,36%	19,76%
1800	18,54%	19,99%
2160	18,69%	20,18%
2520	18,82%	20,35%
2880	18,94%	20,49%
3600	19,14%	20,74%
4320	19,30%	20,95%
5760	19,57%	21,30%
7200	19,78%	21,58%
8760	19,97%	21,83%



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