



# TECHNICAL DATA

## Upgrei Line

Acoustic insulation for floating floors

### Technical specification

8 mm-thick acoustic insulation rolls, made of EPDM (Ethylene Propylene Diene Monomer) rubber granules that are anchored with carboxylate latex binder to a backing, made with 80 g/m<sup>2</sup> non-woven, green-coloured, anti-stretch film and 200 g/m<sup>2</sup> polyester fibre. Each roll is 500 cm length x 104 cm width including a 4 cm adhesive side border for rolls overlapping during installation. The total mass surface is 2.60 kg/m<sup>2</sup> and the dynamic stiffness (s') is 12 MN/m<sup>3</sup>.



- **very high acoustic and thermal performance**
- **extremely easy to lay**
- **resistant to humidity**

PHYSICAL CHARACTERISTICS	Standard	Unit	Upgrei 8	Tolerance
Thickness <sup>(1)</sup>	EN 12431	mm	8	± 10%
Length		m	5,00	± 2%
Width (including 4 cm overlapping band)		m	1,04	± 1%
Backing superficial weight		g/m <sup>2</sup>	80	
Superficial weight		kg/m <sup>2</sup>	2,60	± 10%
Colour			gray/green	

ACOUSTIC CHARACTERISTICS	Standard	Unit	Upgrei 8	Tolerance
Dynamic stiffness s'	EN 29052/1	MN/m <sup>3</sup>	12	± 1
Dynamic stiffness (dry application) <sup>(2)</sup>	EN 29052/1	MN/m <sup>3</sup>	9	± 1
Impact sound pressure level attenuation $\Delta L_w$ - laboratory test	EN ISO 10140	dB	26	
Impact sound pressure level attenuation $\Delta L_w$ - calculated <sup>(2)</sup>	EN 12354-2	dB	32	
Improvement of Impact Insulation Class $\Delta IIC$	ASTM E 2179-03	dB	25	

TECHNICAL CHARACTERISTICS	Standard	Unit	Upgrei 8	Tolerance
Compression load (deformation 10%)	EN 826	kPa	1,75	± 5%
Thickness under load dL (250 Pa)	EN 12431	mm	10,7	
Thickness under load dF (2 kPa)	EN 12431	mm	9,1	
Thickness under load dB (50 kPa → 2 kPa)	EN 12431	mm	7,5	
Level for compressibility	EN 13162		CP4	
Thermal conductivity coefficient $\lambda$	EN 12667	W/m <sup>2</sup> K	0,047	
Water vapour diffusion resistance factor $\mu$	EN 12086		9	
Water vapour transmission Sd	EN 12086	m	0,075	
Fire grade	EN 13501-1		E <sub>fl</sub>	

### PACKING AND STORING

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

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

<sup>(2)</sup> 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.

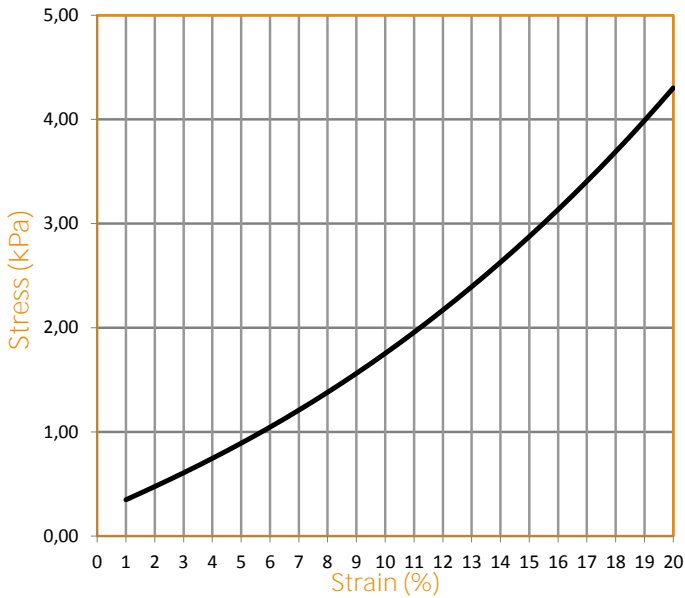


TECHNICAL DATA

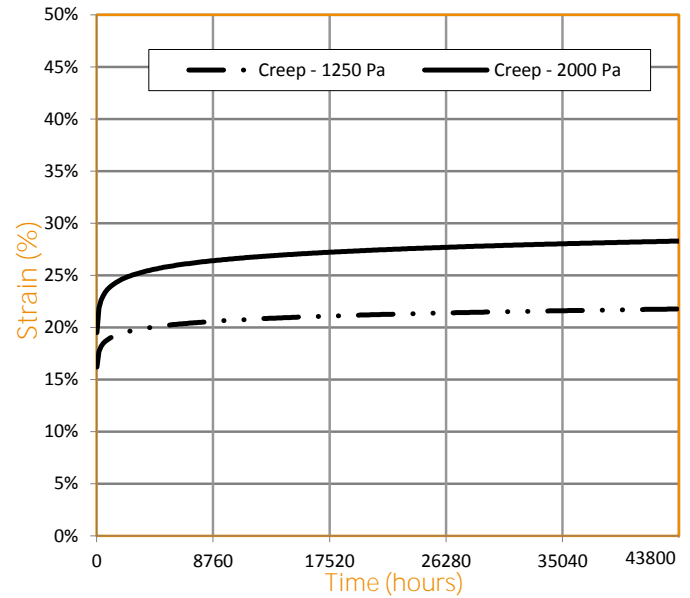
Upgrei Line

Acoustic insulation for floating floors

Compression behavior EN 826

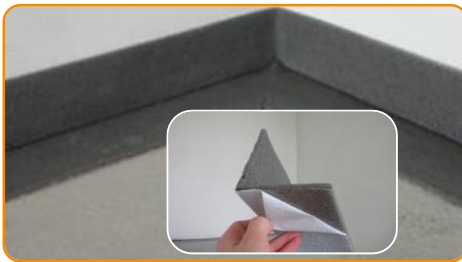


Creep behavior EN 1606 <sup>(4)</sup>

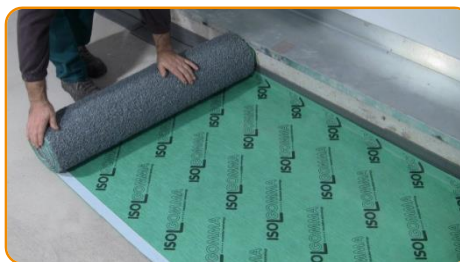


<sup>(4)</sup> The initial thickness of the product during testing is equal to the value of pag. 1 "Thickness under load dL (250 Pa)"

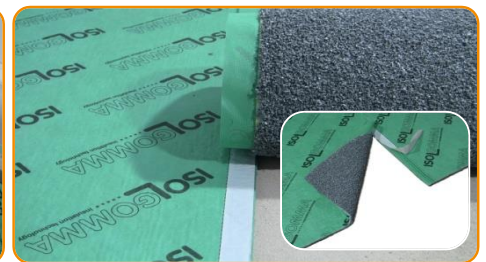
INSTALLATION INSTRUCTIONS



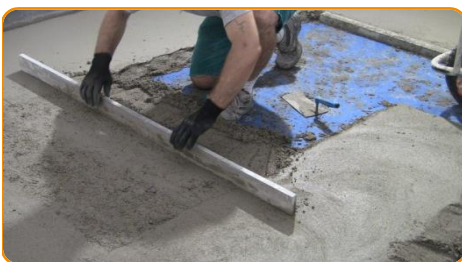
Apply the adhesive strip to the wall and floor with particular attention in the corners



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