



# TECHNICAL DATA

## Basemat

### Sound insulation for floating floors

#### Product description and Technical Specification

4 mm acoustic insulation rolls, made of SBR (Stirene Butadiene Rubber) fibres and granules rubber, compacted using a latex binder in a hot process. A black synthetic, 90 g/m<sup>2</sup> 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 side border for rolls overlapping during installation. The total mass surface is 1.35 kg/m<sup>2</sup> and dynamic stiffness (s') is 67 MN/m<sup>3</sup>.



- high acoustic insulation performance in reduced thickness
- quick, simple and precise laying of the product
- resistant to humidity

PHYSICAL CHARACTERISTICS	Standard	Unit	Basemat	Tolerance
Nominal thickness <sup>(1)</sup>	EN 12431	mm	<b>4</b>	± 20%
Length		m	<b>5</b>	± 5%
Width (including 4 cm of the overlapping flap)		m	<b>1.04</b>	± 1%
Backing superficial mass		g/m <sup>2</sup>	<b>90</b>	
Overall Superficial mass		kg/m <sup>2</sup>	<b>1.35</b>	± 10%
Colour			<b>black</b>	

ACOUSTIC CHARACTERISTICS	Standard	Unit	Basemat	Tolerance
Dynamic stiffness (s')	EN 29052/1	MN/m <sup>3</sup>	<b>67</b>	± 2
Dynamic stiffness for dry application <sup>(2)</sup>	EN 29052/1	MN/m <sup>3</sup>	<b>37</b>	± 2
Impact sound reduction improvement (ΔLw) - laboratory test <sup>(3)</sup>	ISO 10140	dB	<b>19</b>	

TECHNICAL CHARACTERISTICS	Standard	Unit	Basemat	Tolerance
Compression at 10% strain	EN 826	kPa	<b>1.58</b>	± 5%
Compression strain (dL - 250 Pa)	EN 12431	mm	<b>4.8</b>	
Compression strain (dF - 2000 Pa)	EN 12431	mm	<b>4.3</b>	
Compression strain (dB - 50000 → 2000 Pa)	EN 12431	mm	<b>4.0</b>	
Thermal conductivity coefficient (λ)	EN 12667	W/mK	<b>0.099</b>	
Resistance factor to water vapour (μ)	EN 12086		<b>10</b>	
Fire grade	2000/147/CE		<b>F</b>	

#### 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 "Compression strain (dB - 50000 → 2000 Pa)"

<sup>(2)</sup> Measurement executed in deviation from norm EN 29052-1, without applying plaster on the test piece

<sup>(3)</sup> Value obtained in the acoustic laboratory of Isolgomma

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

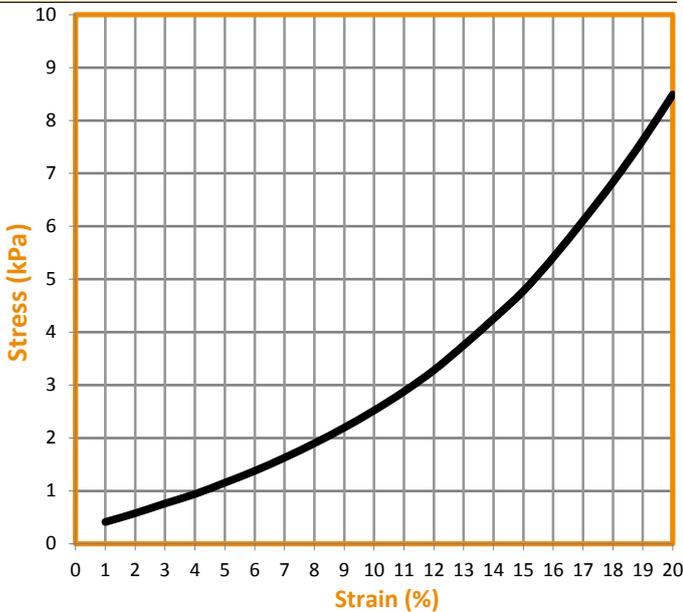


**TECHNICAL DATA**

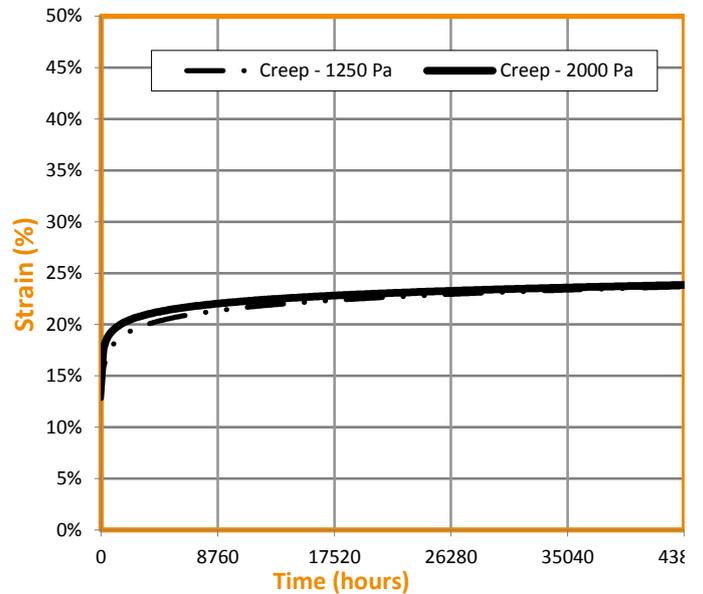
*Basemat*

Sound insulation for floating floors

**Determination of compression - EN 826 <sup>(4)</sup>**



**Creep test - EN 1606 <sup>(4)</sup>**



<sup>(4)</sup> The initial thickness of the product during testing is equal to the value of pag. 1 "Compression strain (dL - 250 Pa)"; use this value to evaluate the crush rate of the material according to the specified norm

**INSTALLATION INSTRUCTIONS**



Insulate the concave corners with the "Profile" strip by cutting it as shown in the drawing.



Lay down the insulation layer on the floor surface with the rubber granules turned on the bottom floor side.



Seal the roll jointing borders with Isolgomma Stik tape



Build the screed



Lay down the final floor covering (ceramic or wood).



When the flooring application is completed, cut the exceeding part of the edging strips.