



## TECHNICAL DATA

Syl

Acoustic insulation of floating floors and mechanical protection

### Technical specification

Anti-vibration material supplied in rolls, thickness ... mm, produced using fibres and granules of SBR rubber, selected and compacted using a polyurethane glue in a hot process.; density 730 kg/m<sup>3</sup>. Rolls have a length of ... m and a width of 1.25 m.



- **High performance in reduced thickness**
- **Easy to lay**
- **Durable material**

PHYSICAL CHARACTERISTICS	Standard	Unit	3	4	5	6	8	10	Tolerance
Thickness		mm	3	4	5	6	8	10	± 1
Length		m	20	10			8	6	± 2%
Width		m	1,25						± 2%
Density		kg/m <sup>3</sup>	730						± 5%
Superficial weight		kg/m <sup>2</sup>	2,2	2,9	3,7	4,4	5,8	7,3	± 5%
Colour			black						

ACOUSTIC CHARACTERISTICS	Standard	Unit	3	4	5	6	8	10	Tolerance
Dynamic stiffness (dry application) <sup>(1)</sup>	EN 29052/1	MN/m <sup>3</sup>	77	70	63	62	49	47	± 5
Impact sound pressure level attenuation ΔLw - calculated <sup>(2)</sup>	EN 12354-2	dB	18	19	20	20	21	22	

TECHNICAL CHARACTERISTICS	Standard	Unit	3	4	5	6	8	10	Tolerance
Compression load (deformation 10%)	EN 826	kPa	102	98	82	133	118	179	± 10%
Thickness under load dL (250 Pa)	EN 12431	mm	2,8	4,0	5,2	6,0	7,9	9,7	± 10%
Thickness under load dF (2 kPa)	EN 12431	mm	2,7	3,9	5,1	5,8	7,8	9,6	± 10%
Thickness under load dB (50 kPa → 2 kPa)	EN 12431	mm	2,6	3,9	5,1	5,8	7,7	9,5	± 10%
Level for compressibility	EN 13162		CP2						
Thermal conductivity coefficient λ	EN 12667	W/m K	0,12						
Hardness	DIN 53505	Shore A	50						± 2
Fire grade	DIN 4102		B2						

### 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> Measurement executed in deviation from norm EN 29052-1, without applying plaster on the test sample

<sup>(2)</sup> Value calculated with dynamic stiffness and a screed weight equal to 75 kg/m<sup>2</sup>

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.

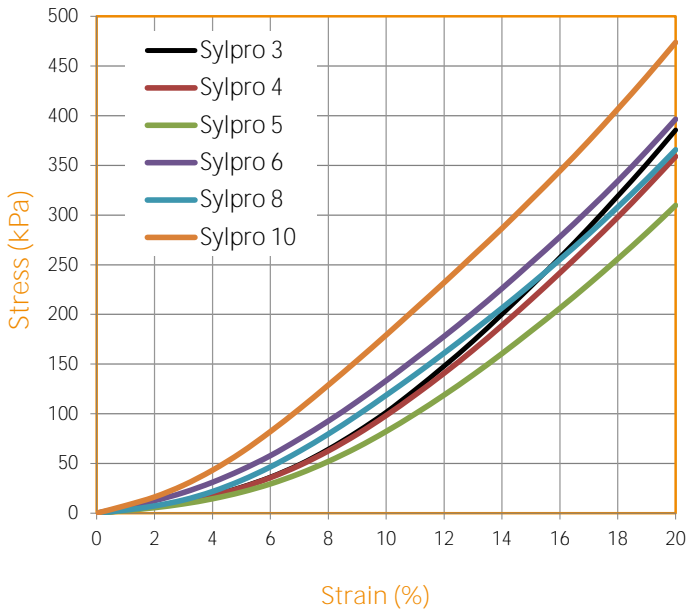


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Compression behavior EN 826



Creep behavior EN 1606

