



TECHNICAL DATA

Stywall S3 A

Under-wall strips

Product description and Technical Specification

Acoustic insulation in self-adhesive stripes 3 mm thick made of SBR (Stirene Butadiene Rubber) fibres and granules rubber hot pressed using an hureic binder. Density 730 kg/m³. Stripes dimensions: m 20 lenght, cm ... width. Recyclable product obtained with 95% recycled material.



- Structural junction underwall
- Extremely easy to be installed
- High acoustic and vibration insulation

PHYSICAL CHARACTERISTICS	Standard	Unit	Stywall S3 A	Tolerance
Nominal thickness	EN 12431	mm	3	± 0.5
Length		m	20	± 1%
Width		mm	45-50-70	± 2
Density		kg/m ³	730	± 5%
Overall Superficial mass		kg/m ²	2.19	± 5%
Colour			black	

ACOUSTIC CHARACTERISTICS	Standard	Unit	Stywall S3 A	Tolerance
Dynamic stiffness for dry application ⁽¹⁾	EN 29052/1	MN/m ³	77	± 2
Natural frequency (fn)		Hz	99	

TECHNICAL CHARACTERISTICS	Standard	Unit	Stywall S3 A	Tolerance
Static Modulus of Elasticity (Es) - strain 10%	EN 826	N/mm ²	1.02	
Compression at strain 10%	EN 826	kPa	102	± 5%
Compression strain (dL - 250 Pa)	EN 12431	mm	2.8	
Compression strain (dF - 2000 Pa)	EN 12431	mm	2.7	
Compression strain (dB - 50000 → 2000 Pa)	EN 12431	mm	2.6	
Hardness	DIN 53505	Shore A	40	
Thermal conductivity coefficient (λ)	EN 12667	W/mK	0.12	
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

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

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

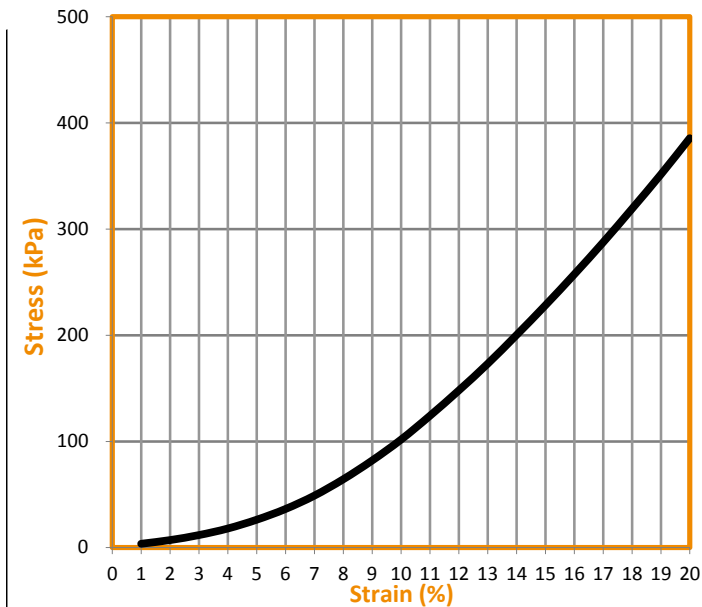


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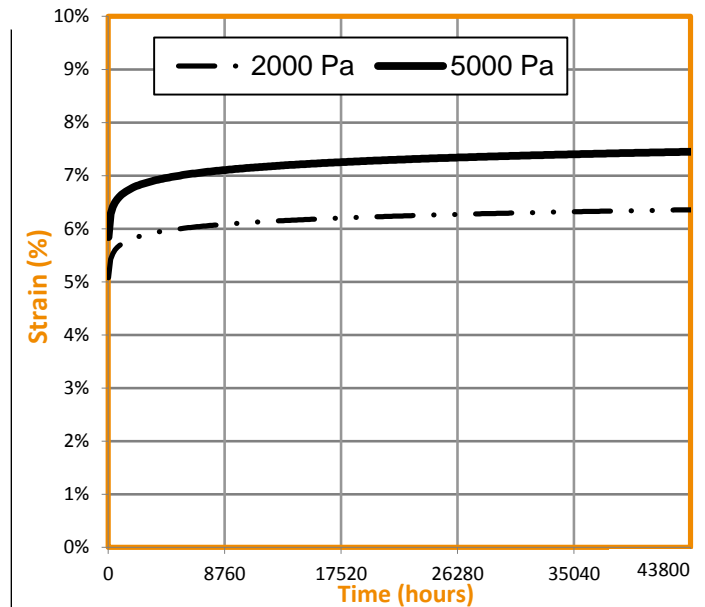
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Determination of compression - EN 826 ⁽²⁾



Creep test - EN 1606 ⁽²⁾



⁽²⁾ 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



PLASTERBOARD WALLS

Glue the adhesive strip to the metal frame



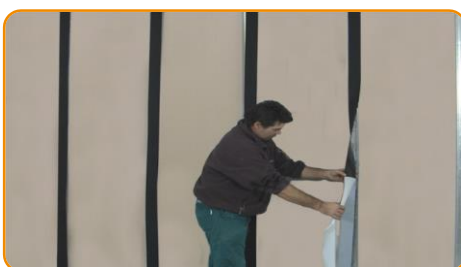
CEILINGS

Glue the adhesive strip to the metal frame



PIPES INSULATIONS

Remove the adhesive film and glue the product around pipes



PLASTERBOARD WALLS

Glue the adhesive strip to the metal frame



COATED WALL

Apply the adhesive strips on the profiles to increase the isolation of the wall