



TECHNICAL DATA

Stywall S4 - S6

Under-wall strips

Product description and Technical Specification

Acoustic insulation in stripes 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 10 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 S4	Stywall S6	Tolerance
Nominal thickness	EN 12431	mm	4	6	± 0.5
Length		m	10		± 1%
Width		mm	100-120-125-145-150-175-180-200-225-250-300		± 2
Density		kg/m ³	730		± 5%
Overall Superficial mass		kg/m ²	2,92	4,38	± 5%
Colour			black		

ACOUSTIC CHARACTERISTICS	Standard	Unit	Stywall S4	Stywall S6	Tolerance
Dynamic stiffness for dry application ⁽²⁾	EN 29052/1	MN/m ³	70	62	± 2
Natural frequency (fn)		Hz	94	89	

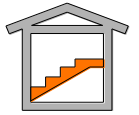
TECHNICAL CHARACTERISTICS	Standard	Unit	Stywall S4	Stywall S6	Tolerance
Static Modulus of Elasticity (Es) - strain 10%	EN 826	N/mm ²	0,98	1,33	
Compression at strain 10%	EN 826	kPa	98	133	± 5%
Compression strain (dL - 250 Pa)	EN 12431	mm	4,0	6,0	
Compression strain (dF - 2000 Pa)	EN 12431	mm	3,9	5,8	
Compression strain (dB - 50000 → 2000 Pa)	EN 12431	mm	3,9	5,8	
Hardness	DIN 53505	Shore A	40		
Thermal conductivity coefficient (λ)	EN 12667		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

⁽²⁾ 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

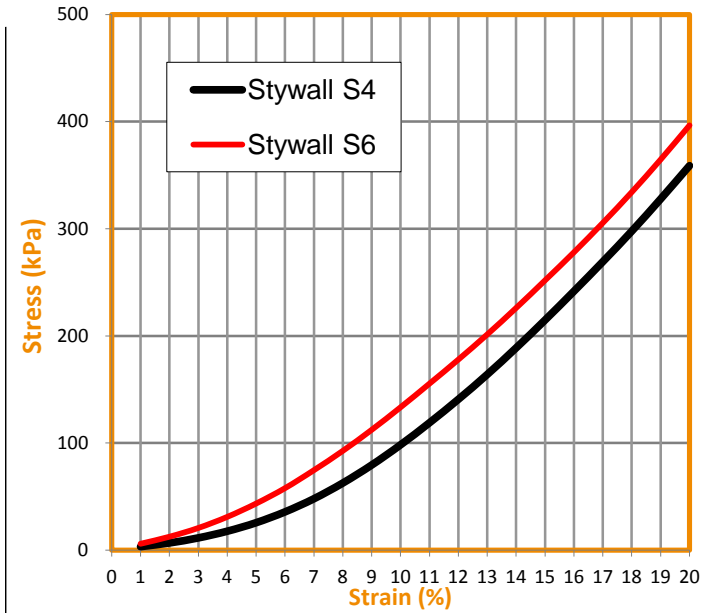


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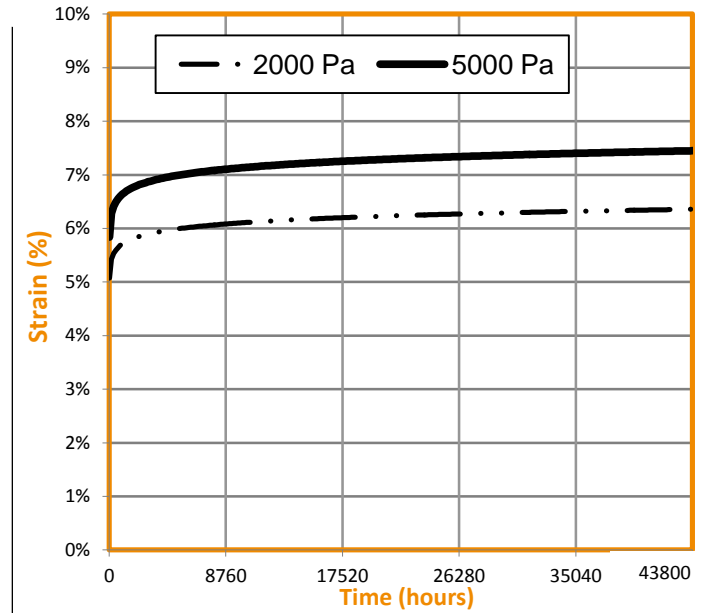
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Determination of compression - EN 826 ⁽⁴⁾

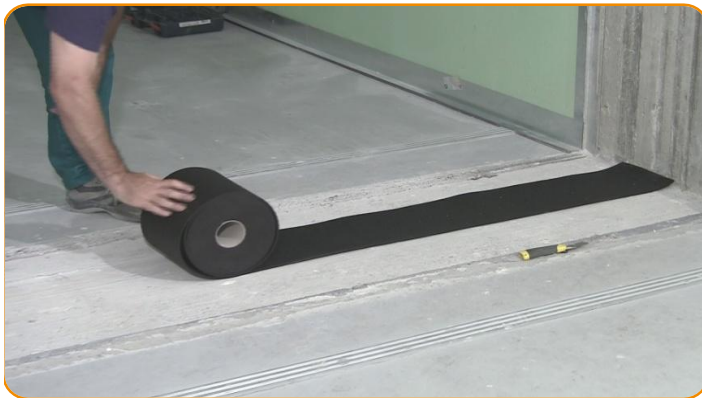


Creep test - EN 1606 ⁽⁴⁾



⁽⁴⁾ 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



Lay the under wall strip



Over the Stywall lay down a plaster bed in order to start to built up the wall