



## TECHNICAL DATA

## Stywall S3 PRO

### Under-wall strips

#### Technical specification

Acoustic insulation in stripes 3 mm thick made of SBR (Stirene Butadiene Rubber) fibres and granules rubber hot pressed using an hureic binder. Density 730 kg/m<sup>3</sup>. Stripes dimensions: 20 m lenght, 100-150-200-250-300-400 mm width.



- **Structural junction underwall**
- **Extremely easy installation**
- **High acoustic and vibration insulation**

PHYSICAL CHARACTERISTICS	Standard	Unit	STYWALL S3 PRO	Tolerance
Thickness		mm	3	± 0,5
Length		m	20	± 2%
Width		mm	100-150-200-250-300-400	± 2
Density		kg/m <sup>3</sup>	730	± 5%
Superficial weight		kg/m <sup>2</sup>	2,2	± 5%
Colour			black	

ACOUSTIC CHARACTERISTICS	Standard	Unit	STYWALL S3 PRO	Tolerance
Dynamic stiffness s' <sup>(1)</sup>	EN 29052/1	MN/m <sup>3</sup>	77	± 2
Natural frequency (fn)		Hz	99	

TECHNICAL CHARACTERISTICS	Standard	Unit	STYWALL S3 PRO	Tolerance
Compression load (deformation 10%)	EN 826	kPa	102	± 5%
Static Modulus of Elasticity (Es) - strain 10%	EN 826	MPa	1,02	± 5%
Thickness under load dL (250 Pa)	EN 12431	mm	2,8	
Thickness under load dF (2 kPa)	EN 12431	mm	2,7	
Thickness under load dB (50 kPa → 2 kPa)	EN 12431	mm	2,6	
Thermal conductivity coefficient λ	EN 12667	W/m <sup>2</sup> K	0,12	
Hardness	DIN 53505	Shore A	48-52	
Fire grade	EN 13501-1		F	

#### 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

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.

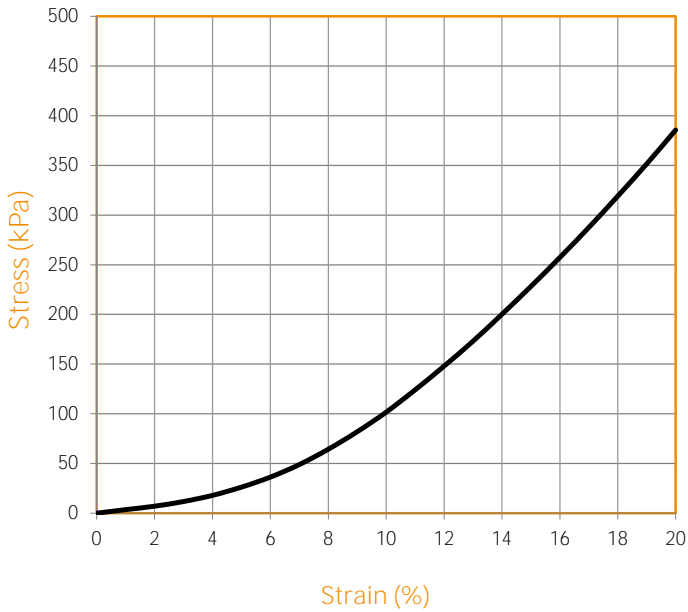


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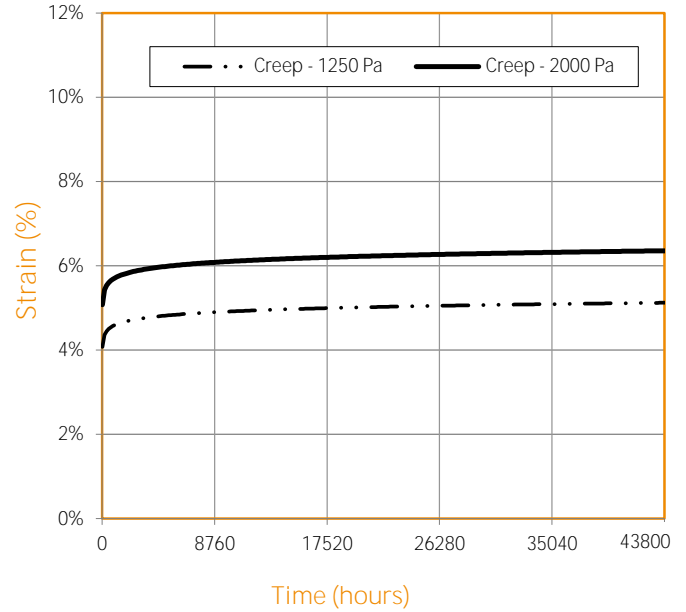
*Stywall S3 PRO*

Under-wall strips

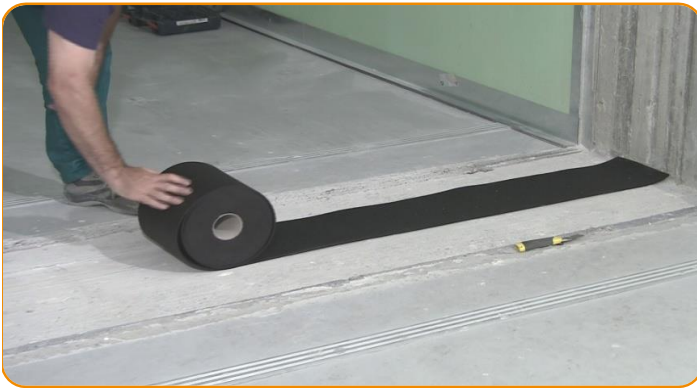
Compression behavior EN 826



Creep behavior EN 1606



INSTALLATION INSTRUCTIONS



Lay the under wall strip



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