



TECHNICAL DATA

Stywall AD PRO

Under-wall strips

Technical specification

Acoustic insulation in stripes 6 mm thick made of SBR (Stirene Butadiene Rubber) fibres and granules rubber hot pressed with a polyurethane binder to a 50 g/m² non-woven, unstretched backing. Density 800 kg/m³. Stripes dimensions: m 7.5 lenght, cm 10, 15, 20, 25, 33 width.



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

PHYSICAL CHARACTERISTICS	Standard	Unit	STYWALL AD PRO	Tolerance
Thickness		mm	6	± 0,5
Length		m	7,5	± 1%
Width		cm	10 - 15 - 20 - 25 - 33	± 0,5
Density		kg/m ³	800	± 5%
Superficial weight		kg/m ²	4,8	± 5%
Backing superficial weight		g/m ²	50	
Colour			black	

ACOUSTIC CHARACTERISTICS	Standard	Unit	STYWALL AD PRO	Tolerance
Dynamic stiffness s' ⁽¹⁾	EN 29052/1	MN/m ³	77	± 5
Natural frequency (fn)		Hz	99	

TECHNICAL CHARACTERISTICS	Standard	Unit	STYWALL AD PRO	Tolerance
Compression load (deformation 10%)	EN 826	kPa	> 90	± 5%
Static Modulus of Elasticity (Es) - strain 10%	EN 826	MPa	1,15	± 5%
Thickness under load dL (250 Pa)	EN 12431	mm	6,6	
Thickness under load dF (2 kPa)	EN 12431	mm	6,4	
Thickness under load dB (50 kPa → 2 kPa)	EN 12431	mm	6,4	
Thermal conductivity coefficient λ	EN 12667	W/m ² K	0,12	
Hardness	DIN 53505	Shore A	60	
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.

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

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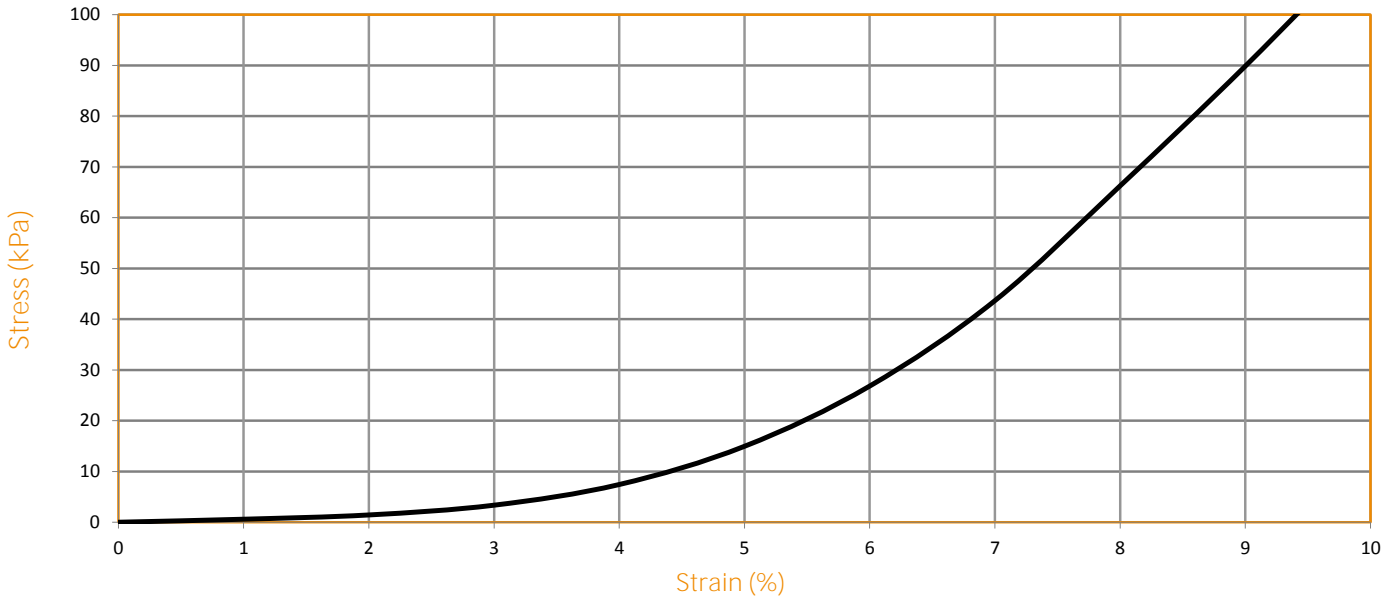


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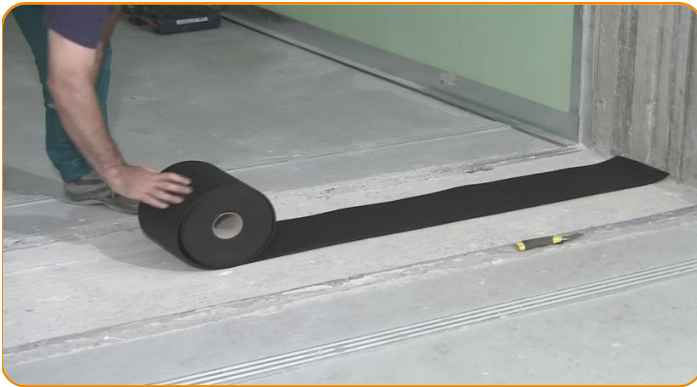
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Compression behavior EN 826



INSTALLATION INSTRUCTIONS



Lay the under wall strip



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