

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 8 length, cm 10, 15, 20, 25, 33 width.



PHYSICAL CHARACTERISTICS	Standard	Unit	STYWALL AD PRO	Tolerance
Thickness		mm	6	± 1
Length		m	8,00	± 2%
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 (dry application) ⁽¹⁾	EN 29052-1	MN/m ³	77	
Natural frequency (fn)		Hz	99	

TECHNICAL CHARACTERISTICS	Standard	Unit	STYWALL AD PRO	Tolerance
Compressibility c	EN 12431	mm	≤ 0,2	
Creep deformation at time Xct - 10 years	EN 1606	mm	0,13	
Strain at time ε _t - 10 years		5,9%		
Thermal conductivity coefficient λ	EN 12667	W/m K	0,120	
Hardness	DIN 53505	Shore A	60	
Reaction to fire	EN 13501-1		F	

PACKING AND STORING

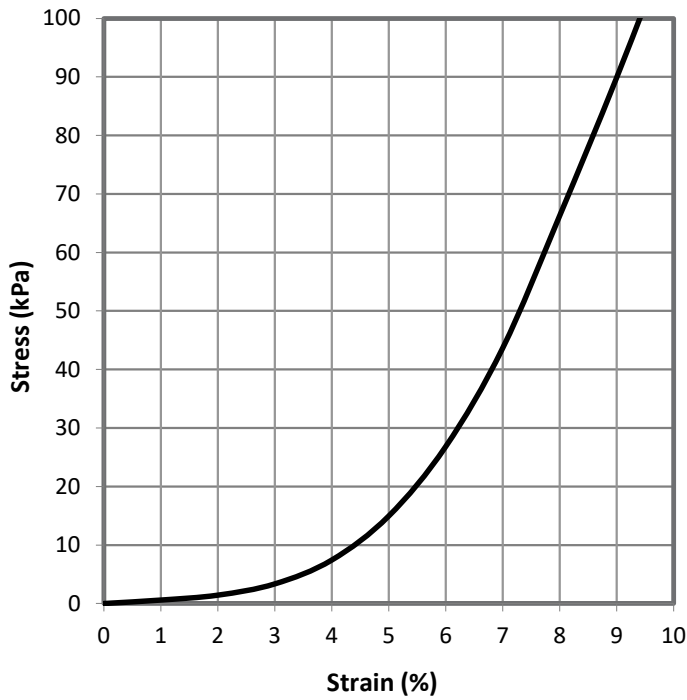
Each pallet is wrapped and protected with waterproof polythene film. Inside storage is recommended to avoid possible wet storing.

NOTES

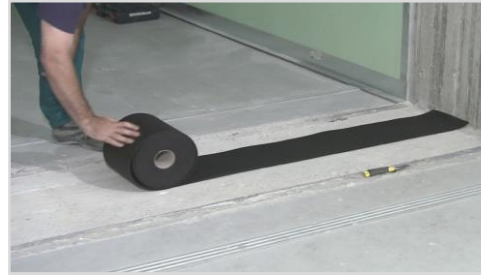
⁽¹⁾ Measurement executed in deviation from norm EN 29052-1, without applying plaster on the test sample

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.

COMPRESSION BEHAVIOR - EN 826



INSTALLATION INSTRUCTIONS



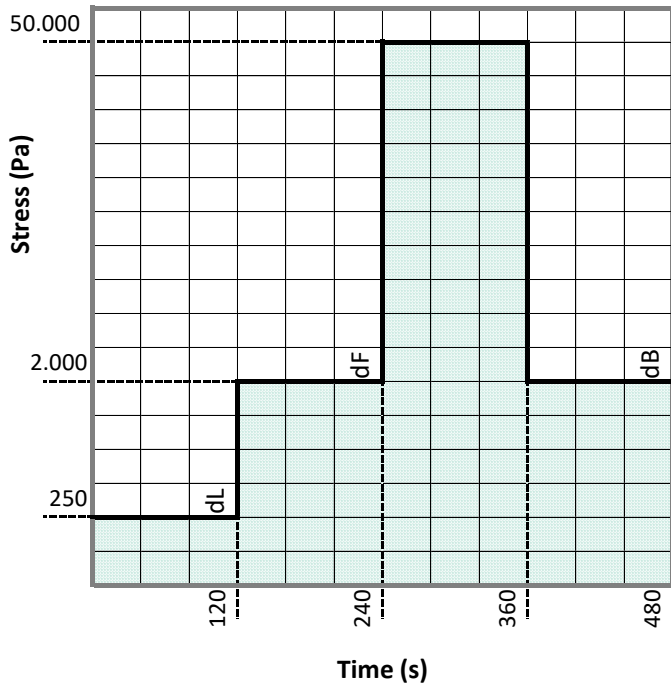
Lay the under wall strip



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

	Unit	σ_{10}	Tolerance
STYWALL AD PRO	kPa	≥ 115	

THICKNESS AND COMPRESSIBILITY - EN 12431



	Unit	dL	dF	dB	Tolerance
STYWALL AD PRO	mm	6,6	6,4	6,4	$\pm 10\%$

