

TECHNICAL SPECIFICATION

Airborne noise insulation in 28 mm-thick pre-assembled panels, made of a 10 mm-thick SBR (Stirene Butadiene Rubber) rubber granules hot pressed with polyurethane binder, density of 800 kg/m³ and a 20 mm-thick polyester fiber panel, density of 100 kg/m³. The panels dimensions are 1.20 m width x 1.00 m length.



PHYSICAL CHARACTERISTICS	Standard	Unit	REWALL 28R	Tolerance
Thickness ⁽¹⁾	EN 12431	mm	28	± 5%
Length	EN 822	m	1,00	± 1%
Width	EN 822	m	1,20	± 1%
Backing superficial weight	EN 13859-1	g/m ²	80	± 5%
Mass per unit area	EN 1602	kg/m ²	10,00	± 5%
Colour			green/black	

ACOUSTIC CHARACTERISTICS	Standard	Unit	REWALL 28R	Tolerance
Dynamic stiffness s'_t	EN 29052-1	MN/m ³	≤ 9	
Dynamic stiffness (dry application) ⁽²⁾		MN/m ³	≤ 5	
Impact sound pressure level attenuation ΔLw ⁽³⁾ laboratory test	EN ISO 10140 EN ISO 717-2	dB	≥ 29	

TECHNICAL CHARACTERISTICS	Standard	Unit	REWALL 28R	Tolerance
Compressibility c	EN 12431	mm	≤ 2,1	
Thermal conductivity coefficient λ	EN 12667	W/m K	0,047	
Reaction to fire	EN 13501-1		F	

PACKING AND STORING

Each pallet is wrapped and protected with waterproof polythene film. Inside storage is required protected from rainfall.

NOTES

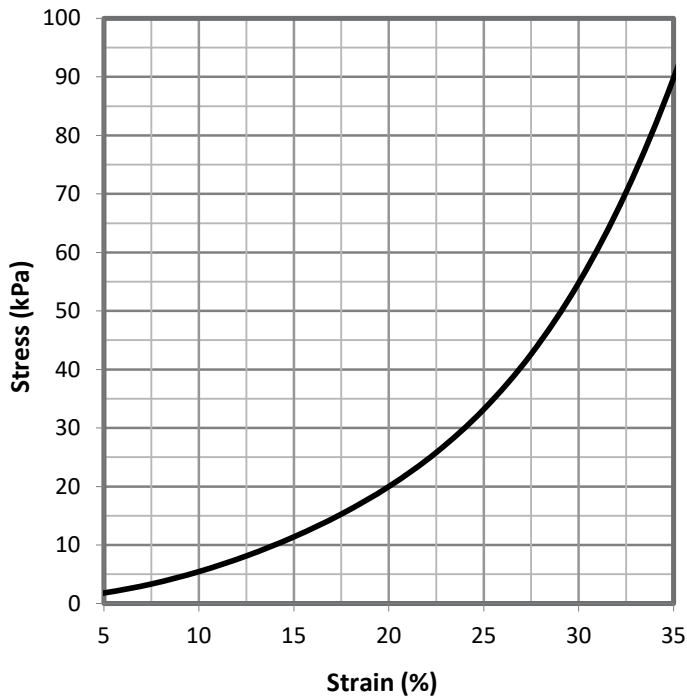
⁽¹⁾ Product thickness measured according to norm EN 12431 equal to the value of "Thickness under load dB (50 kPa → 2 kPa)"

⁽²⁾ Measurement executed in deviation from norm EN 29052-1, without applying plaster on the test sample

⁽³⁾ Test report DLW_2012_01 at Isolgomma Lab, Albettonne (Italy)

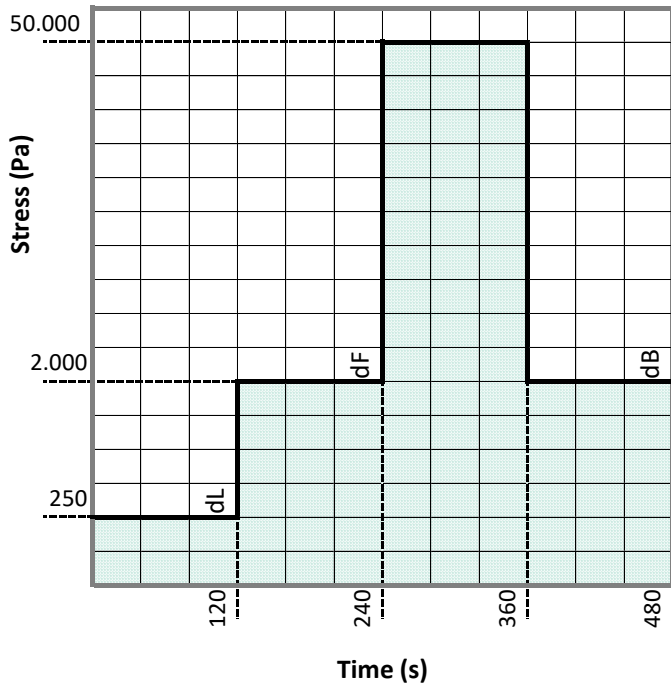
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COMPRESSION BEHAVIOR - EN 826



	Unit	σ_{10}	Tolerance
REWALL 28R	kPa	$\geq 5,45$	$\pm 10\%$

THICKNESS AND COMPRESSIBILITY - EN 12431



	Unit	dL	dF	dB	Tolerance
REWALL 28R	mm	31	29,5	28,5	$\pm 10\%$

INSTALLATION INSTRUCTIONS



Apply the adhesive strip to the wall and floor with particular attention in the corners



Install the panels on the floor with the top rubber side to the top



Seal the junctions between the panels with the Stik tape



Build the screed



Install the floor finishing (ceramic or wood)



Cut the exceeding part of the edging strip