

AKOESTRIP PRO 10 mm

High density under wall strip made of roll with tearproof support, consisting of rubber granules.

Technical specification

Under wall acoustic insulation in stripes 10 mm thick made of granules rubber from End-of-Life Tyres (ELTs) hot pressed with a polyurethane binder to a 50 g/m² non-woven, unstretched backing. Density 780 kg/m³. Stripes dimensions: 8 m length, cm 10, 15, 20 width.



Certified acoustic improvement

Our under wall strip improves acoustic performances of vertical and horizontal structures.

Flexibility

Made in different widths, it easily adapts to design needs.

Laying cost reduction

The roll strip ensures fast installation; the presence of the tearproof support protects and gives greater stability and mechanical strength.

To be used with

Ideal for under brick partition walls, under housing partition walls and under wood or plasterboard walls.

Technical data

Thickness	10 mm
Length	8,0 m
Width	100-150-200 mm
Density	780 kg/m ³
Reaction to fire	E
Dynamic stiffness s'	60 MN/m ³
Compressibility c	0,4 mm
Frequency	< 50 Hz
Max deflection under load	2 mm
Application field	< 1,50 MPa
Temperature resistance	-40° up to 115° C
Thermal conductivity coefficient λ	0,12 W/mK

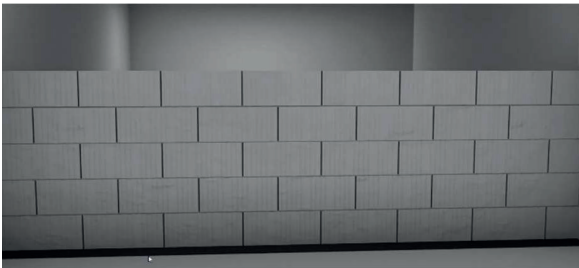
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Installation instructions for under wall

1. Lay the under wall strip



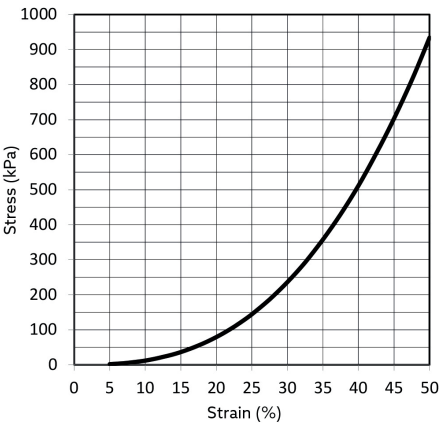
2. Over the Akoestrip PRO, lay down a plaster bed in order to start to built up the wall



Technical characteristics

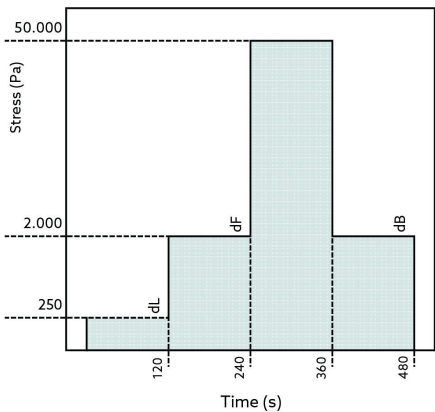
Thickness	EN ISO 29770	mm	10	± 1
Length	EN 822	m	8,0	± 2%
Width	EN 822	cm	10-15-20	± 0,5
Density	EN ISO 29470	kg/m²	780	± 5%
Creep deformation at time Xct - 10 years	EN1606	mm	0,13	
Strain at time ϵ_t - 10 years	EN 1606		5,9%	

Compression behavior



Stress at 10%	σ_{20}
EN ISO 29469	kPa $\geq 80 \pm 5\%$

Thickness and compressibility



Thickness	EN ISO	29770	dL	dF	dB	
Akoestrip Pro 10 mm	mm		9,5	9,1	9,1	± 10%