



TECHNICAL DATA

Stywall 100 S10 ADM

Vibration insulation

Product description and Technical Specification

Anti-vibration material supplied in rolls, thickness 10 mm, produced using fibres and granules of SBR rubber (Stirene Butadiene Rubber), selected and compacted using a polyurethane glue in a hot process; density 750 kg/m³. Rolls' dimensions are length 7.5 m and width 0.1 m.



- High performance in reduced thickness
- Easy to lay
- Durable material

PHYSICAL CHARACTERISTICS	Norm	Unit	Stywall 100 S10 ADM	Tolerance
Nominal thickness		mm	10	± 1
Length		m	7.50	± 1
Width		m	0.10	± 1
Density		kg/m ³	750	± 5%
Backing superficial mass		kg/m ²	7.5	± 5%
Backing superficial mass		g/m ²	50	
Colour			black	

TECHNICAL CHARACTERISTICS	Norm	Unit	Stywall 100 S10 ADM	Tolerance
Dynamic stiffness for dry application ⁽¹⁾	UNI EN 29052-1	MN/m ³	94	± 5
Stress at strain 10%	UNI 11059	N/mm ²	0.36	± 10%
Static Modulus of Elasticity (Es) - strain 10%	UNI 11059	N/mm ²	3.57	± 10%
Dynamic Modulus of Elasticity (Ed) - strain 10%	UNI 11059	N/mm ²	10.64	± 10%
Loss factor (η)	UNI 11059		0.112	± 0.017
Compression strain (dL - 250 Pa)	UNI EN 12431	mm	9.6	
Compression strain (dF - 2000 Pa)	UNI EN 12431	mm	9.4	
Compression strain (dB - 50000 → 2000 Pa)	UNI EN 12431	mm	9.4	
Hardness	DIN 53505	Shore A	50	

PHYSICAL AND CHEMICAL PROPERTIES	Norm	Stywall 100 S10 ADM	Tolerance
Temperature range of use		-20 °C / +110 °C	± 5%
Thermal conductivity coefficient (λ)	UNI EN 12667	W/m K	0.12
Inflammability	DIN 4102	B2	

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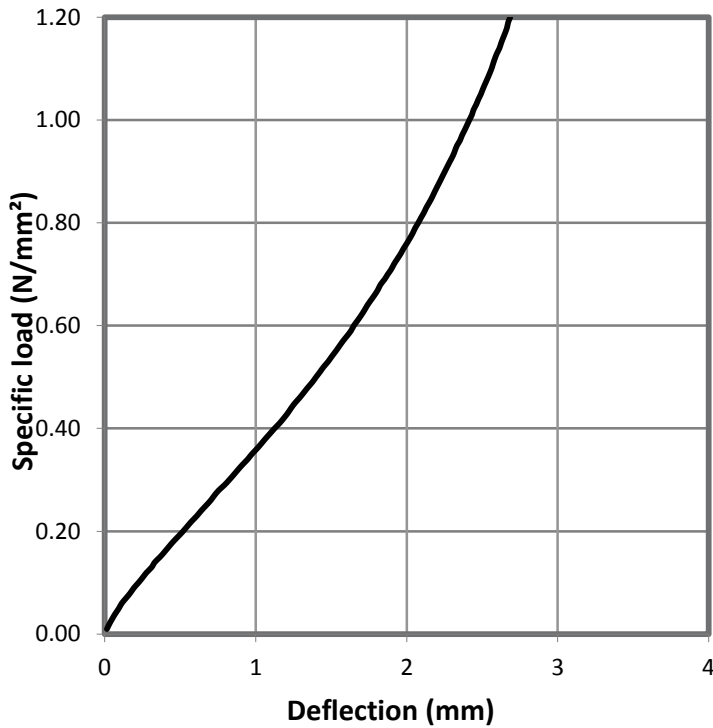


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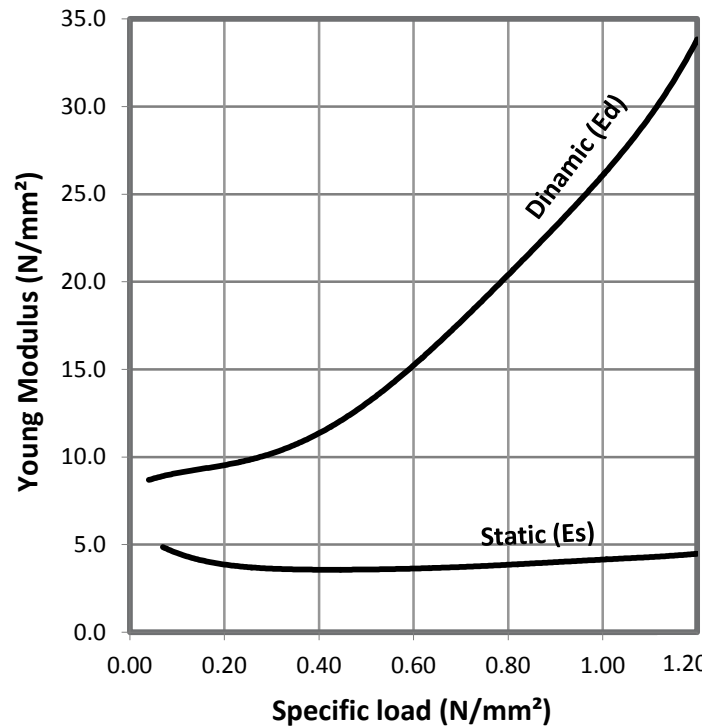
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Load deflection curve



Static Modulus of Elasticity



Laying instruction



Unroll and place the strip.



Build the structure on the strip.