TEXSILEN

Texsilen is polyethylene foam closed cell membrane, 3 and 5 mm thick, for the impact noise insulation in all types of floors. In the “plus” version it is available in 5 and 10 mm in thickness, providing a high level of compressive stength and excellent acoustic insulation characteristics.

ADVANTAGES

· Light, easy to handle, easy to cut and adapt to all surfaces.
· High impact noise insulation capacity.
· Waterproof.
· Excellent thermal insulation.
· High resistance to water vapour.
· Rot-proof.
· Recyclable.
· Resistant to the majority of chemical agents.

APPLICATION

· Impact noise insulation in floors:
- Traditional, under concrete
- Parquet and floating wood floors
· Separating/insulating element, for applications that require disconnection between structural elements without the load.

REGULATIONS

· In accordance with the following norms: CTE-DB-HR, EN ISO 140-1, EN ISO 140-3, EN ISO 140-6, EN ISO 140-8, EN 20140-2 and EN ISO 717/1/2.
· Quality System in accordance with ISO:9001

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INSTALLATION

· Fitting: pull out the the TEXSILEN membrane over the surface to be insulated, overlapping by at least 5 cm as it becomes necessary. Bring the TEXSILEN up against the vertical surfaces, raising it approximately 10 cm, and then trimming the excess material.
Once installation is complete, the reinforced compression layer, with a minimum thickness of 4 cm, can be laid (over the TEXSILEN) as a support for the flooring (tile, carpeting, etc.).
For direct placement under parquet or floating wood floors, the membrane is placed with butt joints to avoid an uneven finish.
· Support: must be level and unwrinkled.
· Quantity required: 1 m2 of TEXSILEN covers approximately 0.95 m2 of surface area, including overlaps.

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PACKAGING AND STORAGE

	TEXILEN 3	TEXILEN 5
Thickness (mm)	3	5
Length (m)	150	100
Width (m)	1.6	1.6
m2/roll	240	160

Storage: The product comes into a polyethylene plastic bag. Keep the original packaging stored in dry premises and protected from the UV. The product stored and protected from the weathering does not loose properties with the ageing.

TECHNICAL PROPERTIES

PROPERTIES	Unit	Test method	TEXILEN 3	TEXILEN 5
Density	Kg/m3	ISO 845	20 ±5	20 ±5
Compressive stregth	KPa	UNE-EN 826:1996	6.92	7.81
Thermal conductivity at 21 ºC	Kcak/hmºC	UNE 92.202:1989	0.034	0.034
Permeability to water vapour	Mg/mhPa	UNE-EN 12086:1988	3.98·10-4	8.10·10-4
Working temperature	ºC	-	-80 a +90	-80 a +90
Impact noise insulation level DLw	dB	UNE-EN ISO 140-8:1998	16	20

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