

TEXSIMPACT

TECHNICAL DATA SHEET APTDS-E-125-01



SOUNDPROOF

APPLICATIONS

FLOOR

DESCRIPTION

TEXSIMPACT is a high performance cross-linked polyethylene closed cells membrane for impact noise reduction in floors.

ADVANTAGES

- High impact noise reduction
- Very high compressive strength
- Durable mechanical properties
- Minimum loss of thickness under loading situations
- Lightweight, flexible, easy to handle, cut and adapt to any surface
- Waterproofed
- Underfloor heating approved
- CFCs-free

APPLICATION

- Impact noise insulation for any kind of floors
- As a separating /dampening layer for those applications where different construction elements must be separated.

REGULATIONS

- According to CTE-DB-HR, EN ISO 140-1, EN ISO 140-3, EN ISO 140-6, EN ISO 140-8, y EN ISO 717/1/2.
- Quality management system according to ISO 9001.

INSTALLATION

Installation:

- The TEXSIMPACT membrane will be unrolled on the concrete floor you want to insulate by overlapping it 10 cm. The overlaps must be sealed with an adhesive tape to prevent the mortar from penetrating into the joints and in order to have a rigid connection. The TEXSIMPACT membrane must be placed onto the vertical walls by raising it 10-15 cm from the floor or by using the selfadhesive TEXFON BAND (previously applied) along the perimeter and cutting the excess once the floor is finished. After the TEXSIMPACT installation, the reinforced mortar compression layer can be placed, with a minimum thickness of 4 cm.

Substrate:

- It must be flat and smooth Yield:
- 1 m² of TEXSIMPACT will approximately cover 90 m² of surface, including the overlaps.

PRECAUTIONS

- Check that the support is free of sharp elements that could damage the product
- Check that the joints are properly sealed and that there are no openings, as small openings can reduce the acoustic insulation level you want to achieve.



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PACKAGING AND STORAGE

	TEXSIMPACT 5	TEXSIMPACT 10
Thickness (mm)	5	10
Length (m)	50	50
Width (m)	2	2
m2 / roll	100	100
Storage	The product is supplied in rolls that are protected by a polythene bag. Store in the original packaging in a dry place, protected from the UV rays. When stored indoors the product doesn't show any loss of performance.	

TECHNICAL PROPERTIES

CARACTERISTIQUES	Unit	Test method	TEXSIMPACT 5	TEXSIMPACT 10
Density	Kg/m ³	ISO 845	25	25
Compressive strength 25%	KPa	ISO 3386/1	36	36
Thermal conductivity	W/m·K	EN ISO 12667	0,041	0,041
Water vapour permeability	mg/m.h.Pa	EN ISO 12086	0,00150	0,00150
Water absorption after 28 days	% vol	UNE EN 12087	0,685	0,685
Dynamic stiffness	MN/m ³	UNE EN 29052-1	87	57,7
Compressibility	mm	UNE EN 12431	0,4	0,4
Thickness loss under load	%	UNE EN 12431	6,1% at 250 Pa	2% at 250 Pa
Thickness loss under load	%	UNE EN 12431	2% at 2 KPa	2% at 2 KPa
Thickness loss under load under load	%	UNE EN 12431	15,2% at 50 KPa	15,2% at 50 KPa
Impact noise insulation ΔLw	dB	EN ISO 140-8	21	24
Airborne noise reduction	dBA	EN ISO 140-3	6	7,5

