TEXSIMPACT

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

ADVANTAGES

• HIgh impact noise reduction
• Very high compressive strenght.
• Durable mechanical properties.
• Minimum loose of thickness under loading
• Lightweight, flexible, easy to handle, cut and to adapt to any surface.
• Waterproofed
• Underfloor heating approved.
• CFCs- free.

APPLICATION

• Impact noise insulation in any kind of floors.
• Separating/dampening layer in those applications where is required to disconnect different construction elements

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INSTALLATION

• Installation: Unroll TEXSIMPACT membrane on the concrete floor you want to insulate by overlapping 10 cm. The overlaps will be sealed with an adhesive tape to prevent the mortar entering between the joints and establish a rigid connection. TEXSIMPACT will be placed along vertical walls by raising 10-15 cm with respect to floor. Alternatively, you can use self-adhesive TEXFON BAND (previously applied) along the perimeter and then cut the excess once the final floor is in place. Once TEXIMPACT is installed, the reinforced mortar screed can be poured over it with a minimum thickness of 4-cm.
If the product is directly applied under parquet or laminated floors don't overlaps joint in order to avoid uneven surface on the finishing layer.
• Substrate: it must be flat and smooth.
• Yeald: 1 m2of TEXSIMPACT will cover 0.90 m2 of surface approx. Including overlaps.

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PACKAGING AND STORAGE

	TEXSIMPACT 5	TEXSIMPACT 10
Thickness (mm)	5	10
Lenght (m)	50	50
Width (m)	2	2
m2/roll	100	100

Storage: It supplied in rolls protected by a polythene bag. Store in the original packaging in a dry place and protected from UV rays. When stored protected by weathering the product doesn't show any loss of properties.

TECHNICAL PROPERTIES

CHARACTERISTIC	Unit	Standard	TEXSIMPACT 5	TEXSIMPACT 10
Density	kg/m3	ISO 845	25	25
Compressive strenght at 25%	Kpa	ISO 3386/1	36	36
Thermal conductivity	W/m·K	EN ISO 12667	0.041	0.041
Water 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 rigidity	MN/m3	UNE EN 29052-1	87	57.7
Compressibility	mm.	UNE EN 12431	0.4	0.4
Thickness loss under loading	%	UNE EN 12431	2% para 250 Pa	1% para 250 Pa
Thickness loss under loading	%	UNE EN 12431	6.1% para 2 KPa	3.1% para 2 KPa
Thickness loss under loading	%	UNE EN 12431	15.2% para 50 KPa	5.2% para 50 KPa
Impact noise reduction DLw	dB	EN ISO 140-8	21	24
Airborne noise reduction	dBA	EN ISO 140-3	6	7.5

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