

BIOACOUSTIC 75003

TECHNICAL DATA SHEET

Sound absorbing substrate under screeds beds and floating floors, masonry and plasterboard walls, false ceilings and doors. Resistant to high and low temperatures. Excellent mechanical, thermal and chemical resistance to humidity and oils.



PRODUCT CHARACTERISTICS

Material: Recycled fine rubber granules bonded with PU binder

Colour	Black	
Density kg/m ³	750 ± 5%	DIN EN ISO 845
Thickness mm	3 ± 5%	DIN 53534
Roll length m	10	or according to demand
Roll width m	1.20	
Roll area m ²	12.00	
Area weight kg/m ²	2.25	

ACOUSTIC PERFORMANCES

Sound Insulation ΔL_w (dB)	20	ISO 10140-3
Resonance Frequency f_0 (Hz)	102	ISO 10140-3
Apparent Dynamic Rigidity s'_t (MN/m ³)	85	ISO 10140-3



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THERMAL PERFORMANCES

Thermal Conductivity λ	0.12	UNI EN 12667:2002
Thermal Resistance R	0.025	UNI EN 12667:2002
Thermal Transmission U	40.00	UNI EN 12667:2002

MECHANICAL PERFORMANCES

Tensile strength. N/mm ²	0.30	EN ISO 1798
Elongation at break min%	27	EN ISO 1798
Temperature range °C	-30° to +80° C	
Fire Rating	B2	
Shore A Hardness	50	

HEALTH PROTECTION

VOC Emission Rating	A+	DIN EN 16516
Nitrosamine	compliant	DIK Method
PAH	compliant	DIN EN 18287

PACKAGING

Pallet dimension cm x cm x cm	120x120x120
Rolls per Pallet pieces	25
Weight per Pallet kg	810
Area per pallet m ²	360

All data values are provided by internal control system.

