FONOTECH

ELASTIC MAT FOR IMPACT SOUND INSULATION

Composition: chemically crosslinked polyethylene foam

Color: dark grey

Application Fields: under screed

Thickness: mm 4 - 5 - 10 - 10B

Packaging:

Product	Roll dimensions	Quantity per roll	Pallet weight
FONOTECH 4	cm 150x5000	m^2 75	Kg ~9,0
FONOTECH 5	cm 150x5000	m^2 75	Kg ~11,25
FONOTECH 10	cm 150x4000	m^2 60	Kg ~18,0
FONOTECH 10 B (Flying)	cm 150x2500	m^2 37,50	Kg ~11,25

Application Warnings: see "Application's methods and Critical Details" and/or consult the dBred Technical Department

Technical characteristics:

Specific weight	Kg/m^3		30	EN ISO 845
Tensile strength	MPa	Longitudinal	0,36	EN ISO 1798
		Transversal	0,26	
Elongation at break	%	Longitudinal	240	EN ISO 1798
		Transversal	230	
Compression strength	KPa	10%	13,6	EN ISO 3386
		25%	31,6	
		50%	89,9	
Dimensional stability	°c		75	ISO 2796
Water absorption after 28 days	Vol.%		< 3,0	ISO 2896
Thermal conductivity coefficient at 10°C (λ)	W/mK		0,0367	EN ISO 12667
	Kcal/mh°C		0,0317	
Dynamic stiffness "s'=s't"	MN/m^3	Thickn. mm 4	73 (s't=s')	EN 29052-1
		Thickn. mm 5	52 (s't=s')	
		Thickn. mm 10	19 (s't=s')	
Flammability burning rate Thickness > 10 mm	mm/min		64	EN ISO 3795 DIN 75200
Water steam diffusion coefficient	μ		> 2000	EN ISO 12572

Impact sound insulation "$\Delta Ln_{,w}$"	dB		Screed cm 4	Screed cm 6	Screed cm 8	EN ISO 140-7/8
		Thickn mm 4	32	33	32	
		Thickn mm 5	33	33	32	
		Thickn mm 10	36	36	35	

Compressibility "c" d_B- after 300 s	%	- 2,3	EN 12431

AZIENDA CON SISTEMA DI GESTIONE PER LA QUALITÀ CERTIFICATO DA DNV =UNI EN ISO 9001:2000=

Partner KlimaHaus® CasaClima

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EDILTECO group | dBred noise reduction

All the indications provided in this technical data sheet are purely approximate and not binding for legal purposes. The data listed has been gathered from laboratory tests and it hence follows that in practical applications on buildings sites the final characteristics of the products may be subject to substantial variations depending on the meteorological conditions and the installations. The user must always check suitability of the product for its specific use, undertaking all liability implicit in and deriving from use of the product, as well as comply with all the methods and instructions for use generally referable to "workmanlike" execution. Edilteco S.p.A. reserves the right to change the contents of this technical data sheets on its final judgements. The spreading of this data sheet through any media, supersedes and cancels the validity of any other technical data sheet previously published.

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