



DBRED FONOTECH PLUS

COUPLED UNDERLAY, IN ROLLS,
FOR IMPACT SOUND INSULATION

DBRED FONOTECH PLUS Coupled underlay, in rolls, for impact sound insulation

DESCRIPTION

High-performance acoustic insulation, designed to ensure maximum acoustic comfort in living spaces. The double-layer structure combines a core of expanded polyethylene with an elastic and resistant closed-cell rubber compound, with a layer of needle-punched polyester fibre that enhances the absorption of impact noise. The result is an effective, durable and reliable solution, capable of significantly improving the well-being of indoor spaces by reducing vibrations and maintaining high performance over time.

APPLICATION

Acoustic insulation with floating screed system.

TECHNICAL CHARACTERISTICS

PROPERTY	STANDARD	UNIT OF MEASUREMENT	VALUES			
Version:	-	-	3.6	4.6	5.6	10.6
PE layer thickness:	-	mm	3	4	5	10
Total thickness:	-	mm	7	8	9	14
Height:	-	mm	1.500			
Length:	-	mm	5.000		2.500	
Mass per unit area:	-	kg/m ²	0,3	0,35	0,4	0,6
Thermal conductivity (λ):	Internal	W/mK	0,036			
Maximum service temperature:	Internal	°C	-20 / +80			
Dimensional stability:	Internal	-	Excellent			
Ageing resistance:	Internal	-	Excellent			
Water vapour diffusion resistance factor (μ):	Internal	-	5.000			
Impact sound reduction (ΔL_w)*:	ISO 10140-3:2015	dB	32	32	33	32
Dynamic stiffness:	EN 29052-1:1993	MN/m ³	12	12	11	12
Mechanical properties:	Internal	-	Excellent			
Total recycled content:	-	%	37,2			
Recycled content in the polyester layer:	-	%	62			
Recyclability:	-	%	100			
CFC (Freon):	Law 549 28/12/93	-	Not present			

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.

*Values obtained considering an ordinary concrete screed, 6 cm thick.



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