

DBRED W SERIES

SOUNDPROOF SINGLE-LAYER ELASTIC PANEL,
FOR THE ACOUSTIC INSULATION OF WALLS

DBRED SERIE W						
Soundproof single-layer elastic panel, for the acoustic insulation of walls						
COMPOSITION	SBR rubber with polyurethane resins (MDI) and PUR granules.					
COLOUR	Black with coloured pigments. <i>The colour may differ according to the production batch.</i>					
THICKNESS	10 mm - 20 mm.					
FIELDS OF APPLICATION	Soundproof mat for wall application (cavity walls) and wooden roofs.					
PACKAGING	BOARD THICKNESS	PANEL DIM.	m ² PER PANEL	BOARDS PER PALLET	Q.TY PER PALLET	PALLET WEIGHT
	10 mm	120 x 120 cm	1,44 m ²	n° 80	115,2 m ²	853 kg
	20 mm	120 x 120 cm	1,44 m ²	n° 40	57,6 m ²	853 kg
APPLICATION	Consult the "dBred General Catalogue" or contact <i>Edilteco Technical Department</i> .					
TECHNICAL CHARACTERISTICS	CHARACTERISTIC	W SERIES 10 mm	W SERIES 20 mm	NORM		
	Specific weight:	740 kg/m ³ ± 10%		-		
	Unit weight:	7,40 kg/m ²	14,8 kg/m ²	-		
	Tensile strength:	0,60 N/mm ²	0,4 N/mm ²	DIN EN ISO 1798		
	Elongation at break:	55%	50%	DIN EN ISO 1798		
	Compressibility 25%:	0,75 N/mm ²	0,4 N/mm ²	DIN EN ISO 3386-2		
	Dynamic stiffness s't:	42 MN/m ³	31 MN/m ³	UNI EN 29052-1		
	Acoustic insulation index R _w :	-	64 dB	UNI EN ISO 140-3 * <i>(W10 in double layer in cavity wall, double pierced, thick. 12 cm)</i>		
	Soundproof power R _w :	-	58 dB	UNI EN ISO 140-3 * <i>(double masonry in blocks YTONG from 8 + 8 cm, externally plastered)</i>		
	Soundproof power R _w :	-	56 dB	UNI EN ISO 140-3 * <i>(double masonry in GASEBETON Evolution 500 from 10 + 8 cm, externally plastered)</i>		
	Soundproof power R _w :	53 dB	-	UNI EN ISO 140-3 * <i>(double masonry in pierced brick from 10 + 8 cm, with polyester in partition wall and external plaster)</i>		
	Soundproof power R' _w [test on site]:	51 dB	-	UNI EN ISO 140-4 ** <i>(Test 08015A cellular concrete 10 + 11.5)</i>		
Soundproof power R' _w [test on site]:		54 dB	UNI EN ISO 140-4 ** <i>(Test 07 07 2005A. Pierced 8 + 8)</i>			



dBred Noise Reduction Division



Edilteco S.p.A. Via dell'Industria, 710 . 41038 San Felice sul Panaro (MO) Italy
Ph. +39 0535 82161 . Fax +39 0535 82970 . www.edilteco.com | info@edilteco.com

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TECHNICAL CHARACTERISTICS	CHARACTERISTIC	W SERIES 10 mm	W SERIES 20 mm	NORM
	Soundproof power R'_w (test on site):	-	55 dB	UNI EN ISO 140-4 ** <i>(Test 07044A. Pierced 12 + 12)</i>
	Thermal conductivity λ_0 :	0,121 W/mK		UNI EN 12667
	Temperature:	from - 40 to + 115 °C		-
	Fire reaction:	E Class		DIN EN 13501-1

All the indications provided in this technical sheet are purely approximate and not binding for legal purpose. The data listed has been gathered from laboratory test and it hence follows that in practical applications on building sites the final products may be subject to variations depending on meteorological conditions and the installation. 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 methods and instruction for use generally referable to "workmanlike" execution. Edilteco S.p.A reserves the right to change the contents of this mechanical data sheet on its final judgment. The spreading of this data sheet through any media, supersedes and cancels the validity of any other technical data sheet previously published.

* Corresponding to the current UNI EN ISO 10140-2. / ** Corresponding to the current UNI EN ISO 16283-1.



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