

# SYSTEM dBRED PIANO ZERO

APPLICATION OF FLOORING  
ON dBRED ACOUSTIC MATS

## dBRED PIANO ZERO SYSTEM Application of flooring on dBRed acoustic mats

GLUE CONSUMPTION	Total 9 ÷ 11 kg/m <sup>2</sup> [approx. 4 ÷ 5 kg/m <sup>2</sup> under the floor; approx. 5 ÷ 6 kg/m <sup>2</sup> above the floor]. In case of direct bonding of the wooden flooring, it is possible a greater consumption of glue; in this case it is recommended to use a glue water free.		
SURFACES SUITABLE FOR APPLICATION	<ul style="list-style-type: none"> <li>· Edilteco single-layer lightweight base screeds: Politerm Blu (from 300 kg/m<sup>3</sup>), Isolcap Fein 300, Isolcap XX 500, Isolcap Speed 525, Isolcap Max 650, Isolcap Max 800.</li> <li>· Traditional or self-levelling cement screeds.</li> <li>· Self-levelling screed with anhydrite base.</li> <li>· Existent ceramic floors.</li> </ul> <p><i>NB: it is recommended not to apply the system on wooden floor.</i></p>		
SURFACE PREPARATION FOR THE APPLICATION	<ul style="list-style-type: none"> <li>· Edilteco lightweight base screeds: superficial smoothing with abrasive disk, removal of residual powder, superficial burn made with welding torch with flame fed with liquid propane gas (waterproof welding torch) to eliminate residues of beads generated after the surface smoothing. This operation must be executed not before 7 days from the application of the Edilteco base screed.</li> <li>· Traditional and self-levelling cement screeds: superficial smoothing and removal of residual powder.</li> <li>· Self-levelling screed with anhydrite base: superficial abrasion and removal of residual powder and following application of primer suitable to neutralize expansive chemical reactions.</li> <li>· Existent floors: superficial scratching.</li> </ul>		
APPLICATION CYCLE	<ol style="list-style-type: none"> <li>1. Application of the polyethylene perimeter adhesive strip dBRed LF5 only vertically.</li> <li>2. Glue application with coggled trowel of 6 - 8 mm according with application layer's planarity.</li> <li>3. Laying of dBRed mat.</li> <li>4. Passage with overload roll of 25 kg with the aim to allow a perfect adhesion between glue and the mat.</li> <li>5. Sealing of the dBRed mat junctions with silicone.</li> <li>6. Wait for the grip of the glue.</li> <li>7. Apply the glue on the mat with a 10 mm toothed spatula (curved toothing) in order to obtain the total adhesion of the flooring covering.</li> <li>8. Application of the ceramic coating with spacings of variable width according to the coating's format. It is recommended to realize spacings of at least 3 mm for coatings with dimensions up to 60 cm and surfaces of no more than 20 m<sup>2</sup>; and spacings of 5 mm for coatings with the greater side of 60 cm and/or surfaces over 20 m<sup>2</sup>.</li> <li>9. Fill in the joints (traditional method).</li> <li>10. Apply the baseboard compulsary keeping it separated from the floor through:             <ol style="list-style-type: none"> <li>a) the application of D-Stick (detaching adhesive for baseboard) on ceramic, on which lay the baseboard.</li> <li>b) realization of spacings of some millimeters between the baseboard and the floor, which will must be sealed with suitable sealants.</li> </ol> </li> </ol>		
TECHNICAL CHARACTERISTICS	CHARACTERISTIC	VALUE	NORM
	Tensile resistance:	> 0,4 N/mm <sup>2</sup>	UNI EN 12004-2
	Impact sound reduction $\Delta L_w$ :	up to 17 dB	UNI EN ISO 140-7
	Load at 25% compression:	0,28 N/mm <sup>2</sup>	EN ISO 3386-2



dBRed Noise Reduction Division



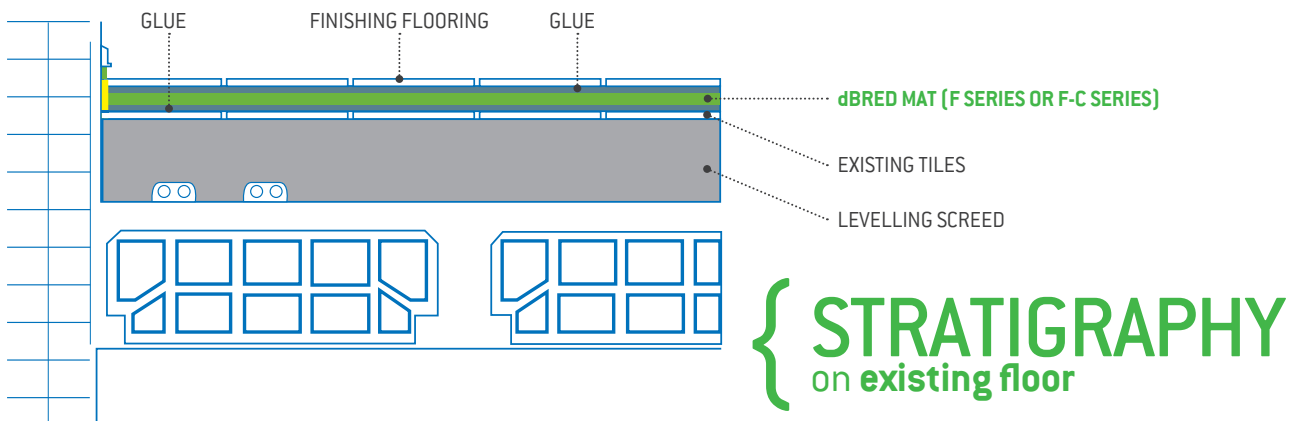
Edilteco S.p.A. Via dell'Industria, 710 - 41038 San Felice sul Panaro (MO) Italy  
Ph. +39 0535 82161 - Fax +39 0535 82970 - [www.edilteco.com](http://www.edilteco.com) | [info@edilteco.com](mailto:info@edilteco.com)



COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =

INDICATED PRODUCTS	DBRED MATS	F5 / F8 / F10 / F5-C / F8-C.
	GLUE / ADHESIVES	KeraKoll H40 Flex; Baunit Baumacol Flex (for ceramic coverings) or equivalent.
	STUCCO FOR SPACING OF CERAMIC COATING	KeraKoll Fugabella series with flexibilizing additive; Baunit Fuge with flexibilizing additive, or equivalent.
	BASEBOARD SEALANT	Baunit Silikon S/N or silicon sealing.

All the indications provided in this technical data sheet are purely approximate and not binding for legal purpose. The data listed has been gathered from laboratory tests and it hence follows that in practical applications on building sites the final characteristics of the products may be subject to substantial variations depending on the 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 instructions 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 judgements. The spreading of this data sheet through any media, supersedes and cancels the validity of any other technical data sheet previously published.



dBred Noise Reduction Division

DS DBRED PIANO ZERO SYSTEM . Rev 06/2017 . GB



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](http://www.edilteco.com) | [info@edilteco.com](mailto:info@edilteco.com)



COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =