

# MANTOBIT 4+5+4 mm



## VANTAGGI

Low thickness  
High insulation  
Waterproofing

## DESCRIPTION

Soundproofing panel with mass-spring-mass effect, consisting of a sandwich of two 4 kg/m<sup>2</sup> elastomeric membranes with a 5 mm thick chemically cross-linked polyethylene foam in between. It is applied with normal wide-headed plastic plugs and the joints are sealed with Rotocell AD. The product can also be used for the sound insulation of ventilated roofs, inhabited attics and for the sound insulation of wooden floors under technical installations.

### SIZE

<b>Thickness</b>	mm	4+5+4 mm
<b>Format</b>	Slab	1,20 x 1,20 m
<b>Packaging</b>	Pallet	108,0 m <sup>2</sup>
<b>Weight</b>	Kg/m <sup>2</sup>	8,45 Kg/m <sup>2</sup>

### TECHNICAL INFORMATION

<b>Noise reduction</b>	R <sub>w</sub>	28,5 dB
<b>Thermal conductivity</b>	λ	0,040 W/mk

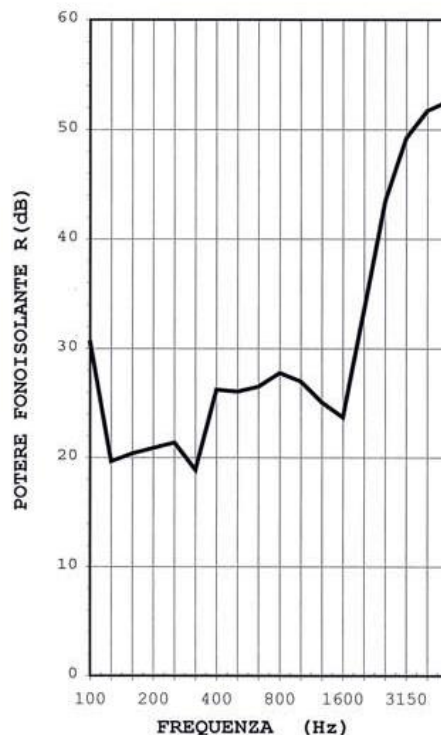
# PAGES EXTRACTED FROM THE ORIGINAL CERTIFICATES

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## MISURA DEL POTERE FONOSOLANTE R

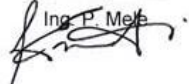
### MANTOBIT 4+5+4

- Suono di prova rumore bianco filtrato in banda di terzi di ottava.  
Scarto sfavorevole > di 8 dB nelle bande di frequenza.
- Indice di valutazione riferito alla curva campione a 500 Hz calcolato nella banda compresa tra le frequenze di 100 Hz e 3150 Hz (ISO 717/1):  
**R<sub>w</sub> = 28.5 dB**



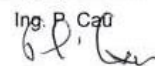
RESP. DIV. COSTRUZIONI

Laboratory Head

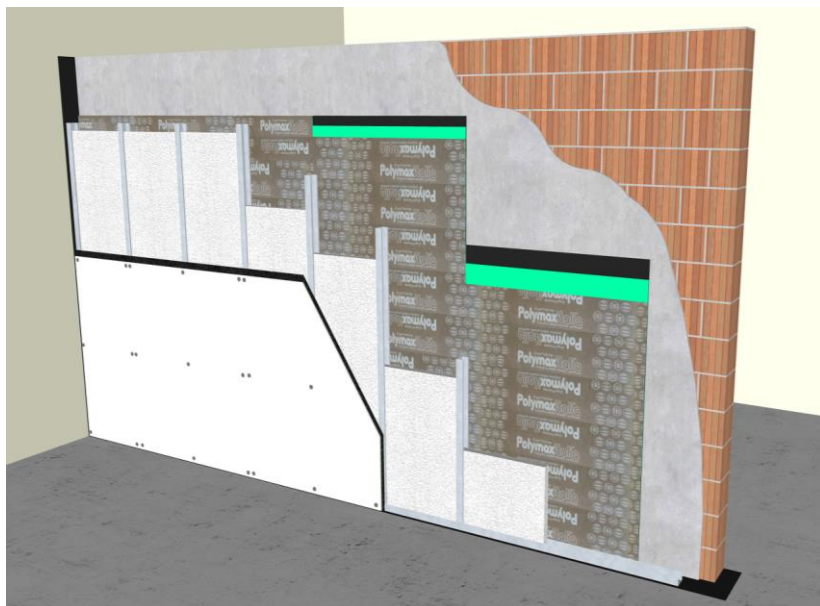
Ing. P. Mele  


IL RESP. DEL CENTRO

Managing Director

Ing. P. Cati  


## EXAMPLE OF INSTALLATION



1

Desolarizing band  
Polyprill h. 15 cm on bottom  
side

2

Rotocell AD desolarizing band  
on the rest of the perimeter

3

**MANTOBIT 4 + 5 + 4 mm**  
soundproofing panel

4

Metal structure H 30 mm with  
Polywall sp. 30 mm

5

Acoustic plate  
Phonoprill 15 + 5 mm

## ACCESSORIES FOR INSTALLATION



### POLYPRILL STRIP

for the correct separation of the wall from the floor



### ROTOCELL AD

for sealing the joints of the various acoustic products, in order to obtain product continuity

**ATTENTION:** This document is not a specific. Will be care of users establish if the product is appropriate for the intended use.

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**Emanuele Bonifazi**

Responsabile Direzione Tecnica

**POLYMAXITALIA**  
Specialisti dell' Isolamento Acustico

**POLYMAXITALIA Srl**

Via Mestre, 4 Z.I. – 31033 Castelfranco Veneto (TV)  
Tel +39 0423 493544 Fax +39 0423 497841  
info@polymaxitalia.it – www.polymaxitalia.it