

MICROGIPS PLUS 12,5+5 mm



ADVANTAGES

High impact resistance
High density sheet
Ease of application

DESCRIPTION

Product consisting of a plasterboard sheet bonded to a soundproofing layer made of chemically cross-linked polyethylene with a density of 35 kg/m³. The coupling between the high density sheet and the anti-vibration membrane with high insulating capability makes the material perfect for applications directly in wall cladding. The product must be installed using mechanical fixings and it is advisable to close the system by means of an additional plasterboard sheet laid at staggered joints with respect to the product.

SIZE

Thickness	mm	12,5+5 mm
Format	Sheet	1,20 x 2 m
Packaging	Pallet	96 m ²
Weight	Kg/m ²	13,5 Kg/m ²

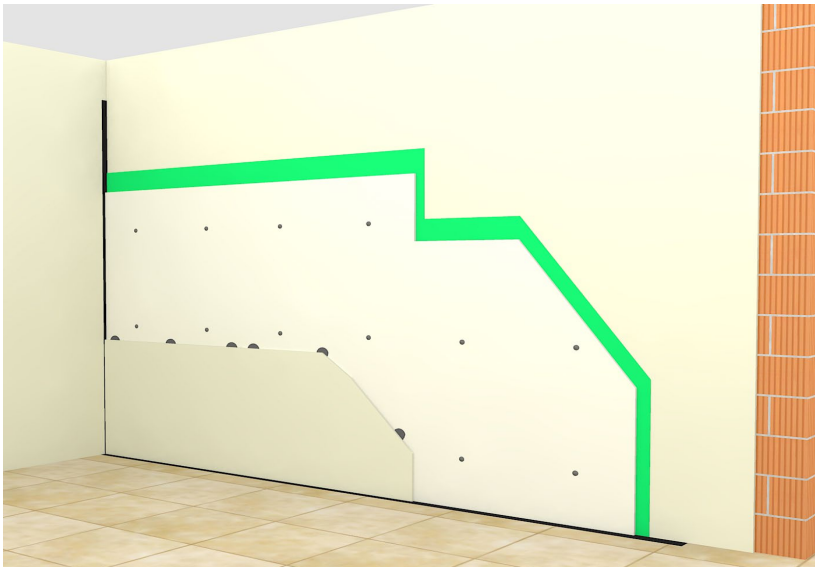
TECHNICAL INFORMATION

Thermal conductivity	λ	0,25 W/mK
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SPECIFICATION TEXT

The sound insulation of the walls is obtained by the mechanical fixing of the MICROGIPS PLUS 12.5+5 mm sheet consisting of 12.5 mm thick high-density plasterboard sheet, coupled with a vibration-damping membrane with high damping power. The sheet measures 1.20 x 2 m. To optimise the acoustics, the system must be enclosed by another 12.5 or 15 mm plasterboard sheet, making sure to stagger the joints with respect to those of the MICROGIPS PLUS sheet. All the joints must then be grouted, and the partition finished.

EXAMPLE LAYING



1

Existing brick wall of variable thickness

2

Acoustic sheet **MICROGIPS PLUS** dowel on wall

3

Plasterboard sheet to finish the system glued to the underlying sheet

ACCESSORIES FOR CORRECT INSTALLATION



POLYPRILL STRIP

The product acts as a perimeter and separating band for the vertical partitions, thus preventing the transmission of vibrations. It is laid continuously without interruption at the base of all the walls to be built.



ROTOCELL AD

This strip is necessary to seal all the joints of the various acoustic products, both for floors and walls.



ELASTC PAR

The anti-vibration bracket is suitable both for applications on soundproofing false walls and as an anti-vibration suspension for air ducts, motorised systems and other systems in general because it drastically reduces low frequency noise



ELASTIC ORI

To reduce low frequency noise, available in two thicknesses. The choice of one of the two thicknesses depends on the desired noise reduction, the overall dimensions and design loads.



NASTRO ALLUMINATO AD

suitable for sealing parquet underlays with vapor barrier

TECHNICAL INFORMATION

PLASTERBOARD

CARATTERISTICHE	SIMBOLOGIA	VALORE
Thickness	sp	12,5 mm
Unit weight	P	11,9 Kg/m ²
Fire Reaction	Class	A2-s1,d0
Thermal conductivity	λ	0,25 W/mK
Steam resistance factor	μ	10/4
Longitudinal deformation	ΔL_l	$\leq 2,4$ mm
Transverse deformation	ΔL_t	$\leq 1,2$ mm

EXPANDED RETICULATED POLYETHYLENE

CARATTERISTICHE	SIMBOLOGIA	VALORE
Thickness	sp	5 mm
Densisty	D	35 Kg/m ³
Unit weight	P	0,17 Kg/m ²
Thermal conductivity	λ	0,0367 W/mK
Dynamic rigidity	s'	28 MN/m ³
Compressibility	c	0,3 mm
Coefficient of resistance to vapor diffusion	μ	> 2000
Dimensional stability	Stab	75°C
Longitudinal tensile strength	$\sigma_{c,l}$	0,55 Mpa
Transverse tensile strength	$\sigma_{c,t}$	0,40 Mpa
Compressive strength	σ_c	50 kPa
Longitudinal elongation	Δ_{Ll}	405 %
Transverse elongation	Δ_{Lt}	410 %

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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