



POLYWALL 40 mm

ADVANTAGES

- Excellent thermal insulation
- Eco-recycled product
- Does not lose dust
- Water repellent

DESCRIPTION

Eco-friendly sound-absorbing panel, Euroclass B, s2-d0 consisting of polyester fibres thermally bonded together without adhesives. Thanks to its qualities, the panel perfectly replaces mineral wool in many applications. It is suitable for plasterboard walls and false walls.

SIZE

| | | |
|------------------|-------------------|------------------------|
| Thickness | mm | 40 mm |
| Format | Sheet | 0,60 x 1,20 m |
| Packaging | Pallet | 10,8 m ² |
| Weight | Kg/m ² | 1,20 Kg/m ² |

TECHNICAL INFORMATION

| | | |
|------------------------------------------------|-----------|------------------------|
| Thermal conductivity | λ | 0,036 W/mK |
| Specific heat | ξ | 1,18 kJ/kgK |
| Higher calorific value (PCS) | Ps | 24,98 Mj/kg |
| Water vapor diffusion resistance factor | M | 3,11 |
| Reaction to fire | Class | Bs2-d0 |
| Density | ρ | 30,0 Kg/m ³ |

EXAMPLE LAYING



1

Existing brick wall of variable thickness

2

POLYWALL thermal-acoustic sheet

3

Phonoprill acoustic sheet fixed to the metal structure

4

Plasterboard sheet fixed at staggered joints with respect to the Phonoprill 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

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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POLYMAXITALIA
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