



## → ISOLMANT POLIMURO

Product made of 5 mm Isolmant with both sides bonded to FIBTEC XF3 (special needle-punched fibre produced according to the specifications designed to provide a better noise reduction).

**isolmantPolimuro**

|                                       |   |
|---------------------------------------|---|
| <b>THICKNESS</b>                      | Approx. 12 mm   |
| <b>AIRBORNE SOUND INSULATION</b>      | $R_w = 54$ dB Value certified<br>Double wall with 8 cm hollow brick and 12 cm porous brick (3 plasters)<br><br>$R_w = 54$ dB Value certified<br>Double wall with 12 cm hollow brick and 12 cm porous brick (2 plasters) |
| <b>THERMAL CONDUCTIVITY</b>           | $\lambda = 0.035$ W/mK  |
| <b>VAPOUR RESISTANCE</b>              | $\mu = 3600$ (this value refers to the polyethylene layer)  |
| <b>EQUIVALENT AIR LAYER THICKNESS</b> | $S_d = 18$ m  |
| <b>SPECIFIC HEAT CAPACITY</b>         | $c = 1450$ J/kgK  |
| <b>SIZE</b>                           | Rolls of 1.50 m x 50 m (h x L) = 75 m <sup>2</sup><br>Product with overlaps   |
| <b>PACKAGING</b>                      | Single rolls  |

## → Conditions of use

Isolmant Polimuro is recommended for small cavities insulation (2 to 4 cm air gap). Soundproofing product that enhances airborne sound insulation (internal anti-vibration element) and acts as a sound absorber of cavity resonance. Isolmant Polimuro should be fixed to the wall by means of nylon mechanical fasteners or by means of by a nailed wooden batten on the top. Install Isolmant Polimuro by using the overlaps to get a uninterrupted layer, thus, it is possible to achieve a perfect acoustic insulation.

## → Item specifications

Isolmant Polimuro is an unfaced roll made of expanded reticulated closed-cell polyethylene with both sides bonded to a needle-punched fibre that is conceived to enhance the acoustic performance (Isolmant Polimuro type). Product with overlaps. Density approx. 30 kg/m<sup>3</sup>. Thickness approx. 12 mm.

**WARNING:** This technical data sheet is not a valid specification and, if it consist of multiple pages, be sure to read the full document. This instruction are the best of our current experience but are indicative information. Assuming the liability resulting from the use of this product, it is up to the user to establish whether the product is suitable for the intended use.