



ISOLMANT POLIMURO



Product composed of Isolmant 5 mm combined with a special, needle-punched fibre produced to calibrated specifications to enhance soundproofing power on both sides.

■ THICKNESS

Approx. 12 mm.

■ SOUNDPROOFING

- $R_w = 54$ dB. Soundproofing power on double wall with 8 cm perforated brick and 12 cm hollow brick with pores (3 plaster layers);
- $R_w = 54$ dB. Soundproofing power on double wall with 12 cm perforated brick and 12 cm brick with pores (2 plaster layers).

■ SOUNDPROOFING PERFORMANCE


The combination of Isolmant and the layers of needle-punched fibre allows high soundproofing values to be achieved with walls of a suitable mass, even with low-thickness air gaps, because it both absorbs and prevents noise.

■ THERMAL CONDUCTIVITY

$\lambda = 0.0352$ W/mK.

■ ROLL DIMENSIONS

1.50 m x 50 m (h x L) = 75 m²

1.50 m x 25 m (h x L) = 37,5 m². 

Product with overlapping flaps.

isolmantPolimuro

WARNING:

This technical data sheet is not a valid specification. It is up to the user to establish whether the product is suitable for the intended use.

FIELDS OF USE

Isolmant Polimuro is recommended for soundproofing limited sized air gaps (ranging from 2 to 4 cm). It is suitable for reducing noise propagation (as an internal vibration damping product) as well as cavity resonance effects.

The Isolmant Polimuro sheet should be fixed to built walls by means of either nylon anchors (with flange) or an upper strip nailed to the wall. Lay the material uniformly, using the overlapping flaps for a perfectly soundproofed seal.

VOCE DI CAPITOLATO

Insulating layer in rolls, composed of closed-cell, physically cross-linked polyethylene foam, combined on both sides with a special needle-punched fibre with sound absorbing properties. Product with overlapping flaps. Density approx. 30 kg/m³. Thickness approx. 12 mm circa.

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