



→ ISOLMANT PERFETTO BV

Insulating panel made of IsolFIBTEC PFT (recycled fibre of polyester for technical application with increasing density along the thickness. This fibre has high thermal and acoustic performance) bonded to 5 mm Isolmant Special. Non-toxic, ecological, with unlimited duration. This product comes with overlaps.

Isolmant Perfetto BV provides credits for green buildings certifications according to LEED or ITACA rating systems.
To be positioned with the screen-printed side (logo Isolmant) in visible position and facing the heated room.



isolmant BV
 PERFETTO

THICKNESS	Approx. 30 - 50 mm (stored) Upon request (at least 500 m ² and within 20 working days in advance), it is also possible to have products with no standard thickness and height
AIRBORNE SOUND INSULATION	R _w = 54 dB Value certified Double wall with 8 and 12 cm hollow brick (3 plasters) and 30 mm Isolmant Perfetto BV in the cavity
THERMAL CONDUCTIVITY	λ = 0.035 W/mK (this value refers to the fibre layer) λ = 0.035 W/mK (this value refers to the polyethylene)
THERMAL RESISTANCE AND SPECIFIC HEAT	R _t = 0.857 m ² K/W c = 1300 J/kgK (30 mm version) R _t = 1.429 m ² K/W c = 1293 J/kgK (50 mm version)
VAPOUR RESISTANCE	μ = 3600 (this value refers to the polyethylene layer)
EQUIVALENT AIR LAYER THICKNESS	S _d = 18 m
SIZE	Panels of 1.00 m x 2.85 m = 2.85 m ² Upon request (at least 500 m ² within 20 working days), it is also possible to have products with no standard height
PACKAGING	Packs of 10 - 7 panels (equal to 28.5 - 19.95 m ² each pack) for 30 - 50 mm versions respectively

→ Conditions of use

Isolmant Perfetto BV is a versatile product. It is recommended for acoustic and thermal insulation of cavity wall cavity wall both perimeter walls and partitions between different dwelling units. Isolmant Perfetto BV can be dry laid between the two leaf wall (if necessary it can be glued or screwed). This product ensures a high airborne sound insulation even in case of dry or false wall.

→ Item specifications

Insulating layer made of big-size panels (1.00 x 2.85 m). The panels are expanded closed-cell physically cross-linked polyethylene bonded to a layer of recycled fibre of polyester for technical application whose density increases along the thickness. This product provides a high airborne and thermal insulation (Isolmant Perfetto BV type). This product comes with overlaps. Thickness ...mm (30 o 50 mm). Panel thermal resistance equal to.....m²K/W (respectively 0.857 - 1.429 m²K/W for 30 and 50 mm versions).

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.