



## → ISOLMANT PERFETTO TR

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. Non-toxic, ecological, with unlimited duration.

**Isolmant Perfetto TR provides credits for green buildings certifications according to LEED or ITACA rating systems.**



**isolmant** TR  
PERFETTO

<b>THICKNESS</b>	Approx. 30 - 50 mm (stored) Upon request (at least 500 m <sup>2</sup> and within 20 working days in advance), it is also possible to have products with no standard thickness and height
<b>AIRBORNE SOUND INSULATION</b>	$R_w = 58$ dB Value certified Cavity wall with 8 cm Porotherm Bio Plan brick and 12 cm Porotherm Bio Plan (3 plasters) and Isolmant Perfetto TR of 50 mm in the air gap
<b>THERMAL CONDUCTIVITY</b>	$\lambda = 0.035$ W/mK
<b>THERMAL RESISTANCE</b>	$R_t = 0.858$ m <sup>2</sup> K/W (30 mm version) $R_t = 1.429$ m <sup>2</sup> K/W (50 mm version)
<b>SPECIFIC HEAT CAPACITY</b>	$c = 1200$ J/kgK
<b>VAPOUR RESISTANCE</b>	$\mu =$ approx. 2
<b>EQUIVALENT AIR LAYER THICKNESS</b>	$S_d = 0.06 - 0.10$ m (30 and 50 mm versions respectively)
<b>REACTION TO FIRE</b>	Euroclass B-s2,d0
<b>SIZE</b>	Panels of 1.00 m x 2.85 m = 2.85 m <sup>2</sup> Upon request (at least 500 m <sup>2</sup> within 20 working days), it is also possible to have products with no standard height
<b>PACKAGING</b>	Packs of 10 - 7 panels (equal to 28.5 - 19.95 m <sup>2</sup> each pack) for 30 - 50 mm versions respectively

## → Conditions of use

Isolmant Perfetto TR is a versatile product. It is recommended for acoustic and thermal insulation cavity wall both perimeter partition and between different dwelling units. Isolmant Perfetto TR can be dry laid between the two leaf wall (if necessary it can be glued or screwed). No sealing is required between panels. 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 made of recycled fibre of polyester for technical application whose density increase along the thickness. These panels provide a high sound and thermal insulation (type Isolmant Perfetto TR). Thickness ...mm (30 or 50 mm). Panel thermal resistance equal to.....m<sup>2</sup>K/W (respectively 0.858 - 1.429 m<sup>2</sup>K/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.

**isolmant** by TECNASFALTI