



→ ISOLMANT PERFETTO CG

Insulating panel made of IsolFIBTEC PFT fibre (recycled fibre of polyester for technical application with increasing density along the thickness). These panels provide a high sound and thermal insulation. Non-toxic, ecological, with unlimited duration.

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



<b>THICKNESS</b>	Approx. 25 - 45 mm 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 <sub>w</sub> = 55 dB Value certified False wall with 8 cm hollow brick and metal structure, double plaster board and 45 cm Perfetto CG in the cavity
<b>THERMAL CONDUCTIVITY</b>	λ = 0.038 W/mK
<b>THERMAL RESISTANCE</b>	R <sub>t</sub> = 0.658 m <sup>2</sup> K/W (25 mm version) R <sub>t</sub> = 1.184 m <sup>2</sup> K/W (45 mm version)
<b>SPECIFIC HEAT CAPACITY</b>	c = 1200 J/kgK
<b>VAPOUR RESISTANCE</b>	μ = 2
<b>EQUIVALENT AIR LAYER THICKNESS</b>	S <sub>d</sub> = 0.05 - 0.09 m (25 and 45 mm versions respectively)
<b>REACTION TO FIRE</b>	Euroclass B-s2,d0
<b>SIZE</b>	Panels of 0.6 m x 1.00 m = 0.6 m <sup>2</sup>
<b>PACKAGING</b>	Packs of 30 - 20 panels (equal to 18 - 12 m <sup>2</sup> each pack) for 25 - 45 mm versions respectively

→ Conditions of use

Isolmant Perfetto CG is a versatile product. It is recommended for acoustic and thermal insulation of light partition, drywall, false ceiling and wall. It should be installed into stud spacing and it is suitable to fill partition cavity. It could be also screwed on the partition and then coated. Isolmant Perfetto CG provides the partition with a high airborne insulation and a low thermal transmittance.

→ Item specifications

Insulating panels (0.6 x 1.00 m) made of recycled fibre of polyester for technical application whose density increase along the thickness. This product provides a high airborne insulation performance and thermal resistance as well. (Isolmant Perfetto CG type). Thickness ..... mm (25 or 45 mm). Panel thermal resistance equal to.....m<sup>2</sup>K/W (respectively 0.658 - 1.184 m<sup>2</sup>K/W for 25 and 45 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.