



ISOLMANT SETTO ACUSTICO FIBRA

PLASTERBOARD INSULATION OF WALLS AND PARTITIONS

A smart and versatile product designed to complement the acoustic insulation of plasterboard and movable wall structures. This products avoids the formation of acoustic bridges


WHAT IS ISOLMANT SETTO ACUSTICO FIBRA?

This product is made of a 80 mm IsolFIBTEC FLC panel (high density and thermo-bonded fibre of recycled polyester (60 kg/m³). Non toxic, ecological, with unlimited duration, recyclable.

SPECIFIC APPLICATIONS

Isolmant Setto Acustico Fibra is a vertical element for completing mobile or plasterboard partitions which is positioned in the air plenum between the wall itself and the extrados top of the lower slab (in the case of raised floors) or between the wall and the intrados of the upper floor (in the case of false ceilings) in order to reduce insulation losses due to the formation of acoustic bridges (losses which can be estimated at around 10 dB) at the upper or lower vertical joints of the aforementioned construction elements. The elements should be placed side by side to ensure continuity and where necessary can be shaped around existing pipes and channels.

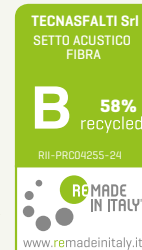


 All our products with the "Guaranteed Green Planet" logo are compliant with the sustainability criteria of the most important environmental protocols and certified according to the major national and international standards.

Setto Acustico Fibra is REMADE IN ITALY certified ⁽¹⁾, product certification, under ACCREDIA accreditation, which attests to the recycled content in the product.

This certification is accepted during the tender and award phase, in accordance with the provisions of the public procurement regulations and the CAM.

RECYCLED CONTENT CERTIFICATE SETTO ACUSTICO FIBRA N° IT335452 Issued on 03/09/2024			
Raw material	% of raw material in the product	% of recycled content in 1 kg of raw material	% of recycled content in the finished product
FIBTEC FLC	100%	58%	58%



* Minimum percentage required by CAM for this type of raw material 50%.

OTHER SUSTAINABILITY CHARACTERISTICS



Result to VOC emission test:
- VOC A+;



It helps achieve credits for a building's **environmental certification according to the following protocols:**



Low environmental impact.













Can be disposed according to **EWC No. 170604** insulation materials NON-HAZARDOUS plastics.






⁽¹⁾ The central aspect of the REMADE® certification is the preparation of a traceability model of material flows in the production process and transparency of the operations carried out and the relevant documentation.

It is an effective tool to respond to the growing attention paid to materials deriving from recycling, recovery and by-products, which comes from the recent global model of sustainable development of the circular economy, characterized by the maintenance, for the longest possible time, of the value of products, materials and resources in the system, which are returned to the product cycle at the end of their use, so that the generation of waste is minimised, to help develop a sustainable, low-carbon, resource efficient and competitive.

ADVANTAGES

-  It can be used in both renovation and new construction.
-  High acoustic insulation against airborne noise.
-  Prevents acoustic bridges.
-  High thermal insulation.
-  Low thermal conductivity.
-  Inalterable in time and unlimited duration.
-  Breathable.
-  Contact with water does not affect performance or characteristics.
-  Resistant to mould or insects
-  Non-toxic and non-allergenic.

ADVANTAGES FOR INSTALLATION

-  Easy installation.
-  It is a flexible product that can be shaped around the existing pipes and ducts.
-  Variable height, on request, to adapt to all site requirements.

ISOLMANT SETTO ACUSTICO FIBRA > TECHNICAL SPECIFICATIONS

> Acoustic laminated element to be placed in the plenum between the wall and the lower slab or between the wall and the upper slab.

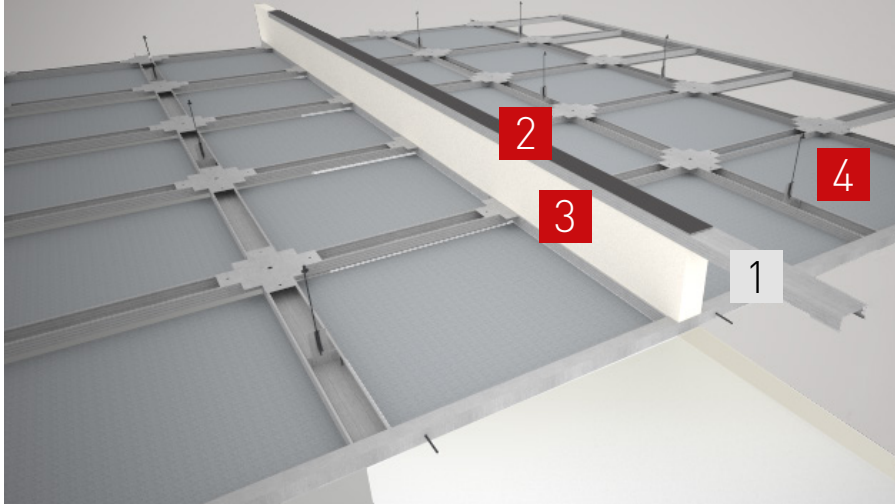
NOMINAL THICKNESS:	80 mm
SIZE:	Length 120 cm Height: up to 1 metre on request (upon request)
DENSITY:	Approx. 60 kg/m ³
CONDUCTIVITY:	$\lambda = 0.0326 \text{ W/mK}$
THERMAL RESISTANCE:	$R_t = 2.45 \text{ m}^2\text{K/W}$
THERMAL TRANSMITTANCE:	$U = 0.41 \text{ W/m}^2\text{K}$
SOUND INSULATION:	Reduction of lateral sound transmissions into rooms by approximately 12 dB
REACTION OF FIRE:	Class 1 ⁽¹⁾
EMISSION OF VOLATILE ORGANIC SUBSTANCES:	VOC A+ ⁽²⁾
CE MARKING:	Harmonised standards for CE marking are NOT currently available for acoustic insulation products. This means that Isolmant products are currently NOT subject to CE marking, nor to the drawing up of a PDO (declaration of performance) or DDP (declaration of performance). All Isolmant products are placed on the market in compliance with the regulations in force in the country of destination and with the necessary certifications to guarantee their use in dedicated applications.
PACKAGE:	single

(1) CSI Test Report No.CSI/0241/11/RF

(2) Istituto Giordano test report no. 381824

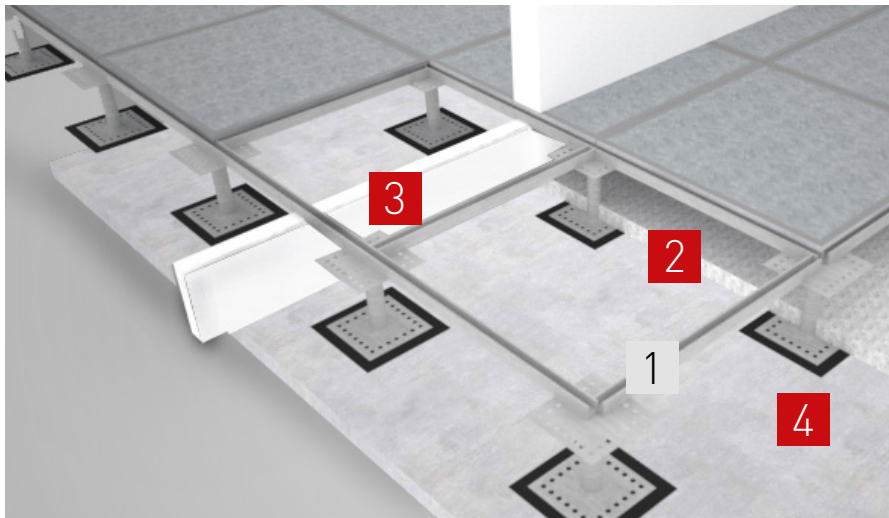
ITEM SPECIFICATIONS

Acoustic ceiling consisting of a panel with a nominal thickness of 80 mm, made of recycled, heat-bonded high-density polyester fibre 60 kg/m³. Length 120 cm, height up to 1 m on request, reduction of lateral sound transmissions into rooms by approx. 12 dB. Thermal Resistance $R_t = 2.45 \text{ m}^2 \text{ K/W}$. Class 1 (type Isolmant Setto Acustico Fibra). Classified B by Remade in Italy for recycled content and compliant with the requirements of the CAM Decree 2022. Product with overlaps.



INSTALLATION IN THE PLENUM OF THE FALSE CEILING

1. Metal frame
2. Isolmant Nastro Orditura Cartongesso
3. Isolmant Setto Acustico Fibra o CG
4. IsolSpace Sky



INSTALLATION IN THE PLENUM OF THE FLOATING FLOOR

1. Flooring
2. Isolmant Perfetto CG
3. Isolmant Setto Acustico Fibra o CG
4. Isolmant Telogomma tagliato 10x10 cm



WARNINGS:

* This data sheet does not constitute a specification and, if it consists of several pages, please ensure that you have consulted the complete document. Although, these instructions are the result of our best expertise they are indicative. The user should establish whether the product is suitable for its intended application. The user will be also in charge of all the responsibility for the use of the product itself.

**The sound insulation values given in this technical data sheet are the result of laboratory tests or tests carried out on site: they cannot be considered a predictive value for every situation that may occur on site. Acoustic performance is closely linked to the specific conditions of each site.

***Caution: do not expose the product to direct sunlight and bad weather.



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