



# 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/m<sup>3</sup>). 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.



## GREEN FEATURES OF ISOLMANT SETTO ACUSTICO FIBRA

- **Volatile Organic Compounds free** (VOC A+).
- **Eco-friendly and recyclable.**
- **Manufactured with low environmental impact.**
- This product contributes to achieve credits for the **environmental certification** of a building according to **LEED** or **ITACA** standards

Complies with the requirements defined by the Italian CAM Edilizia for acoustic and thermal insulation materials regarding the request for high acoustic insulation performance, the percentage of recycled material and the absence of hazardous substances.

**Green Planet is our sustainable development protocol** that includes all our commitments to increase process, environmental, social and corporate responsibility.

**A set of sustainable actions, goals and behaviors in agreement with** our mission, our ethical choices and the **Sustainable Development Goals from 2030 Agenda**.

PRODUCT AND PRODUCTION  
PROCESS SUSTAINABILITY

ENVIRONMENTAL  
SUSTAINABILITY

CORPORATE  
RESPONSIBILITY

SOCIAL  
RESPONSIBILITY

Find out more  
at [Isolmant.com](https://www.isolmant.com)



### ADVANTAGES

- It can be used in both renovation and new construction.
- High acoustic insulation against airborne noise.
- Thermal insulation.
- Low thermal conductivity.
- Inalterable in time.
- 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.

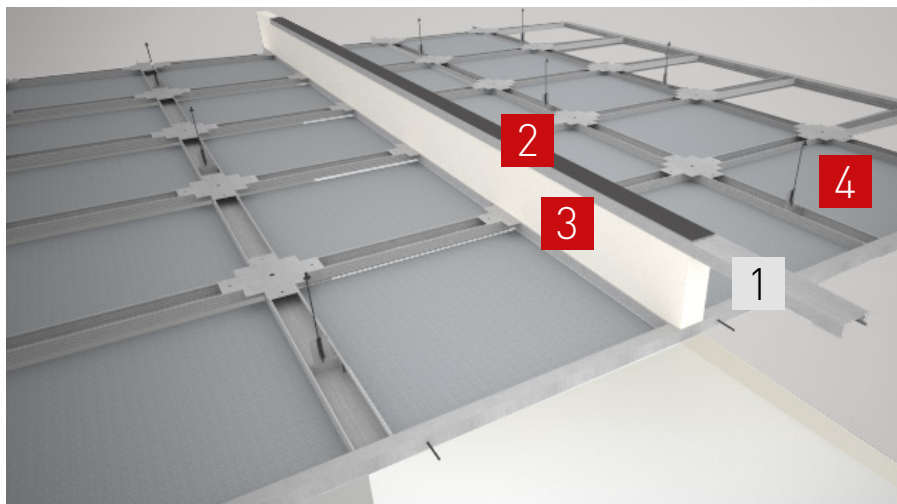
NOMINAL THICKNESS:	80 mm
SIZE:	Length 120 cm Height: up to 1 metre on request (upon request)
DENSITY:	Approx. 60 kg/m <sup>3</sup>
CONDUCTIVITY:	$\lambda = 0.0326 \text{ W/mK}$
THERMAL RESISTANCE:	$R_t = 2.45 \text{ m}^2\text{K/W}$
THERMAL TRANSMITTANCE:	$U = 0.41 \text{ W/m}^2\text{K}$
SOUND INSULATION:	Reduction of lateral sound transmissions into rooms by approximately 12 dB
REACTION OF FIRE:	Class 1 with Ministerial Certificate. <sup>(1)</sup>
VOC:	A+ <sup>(2)</sup>
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 and Ministerial Certificate No. MI 1639B13D100002

(2) Istituto Giordano test report no. 381824

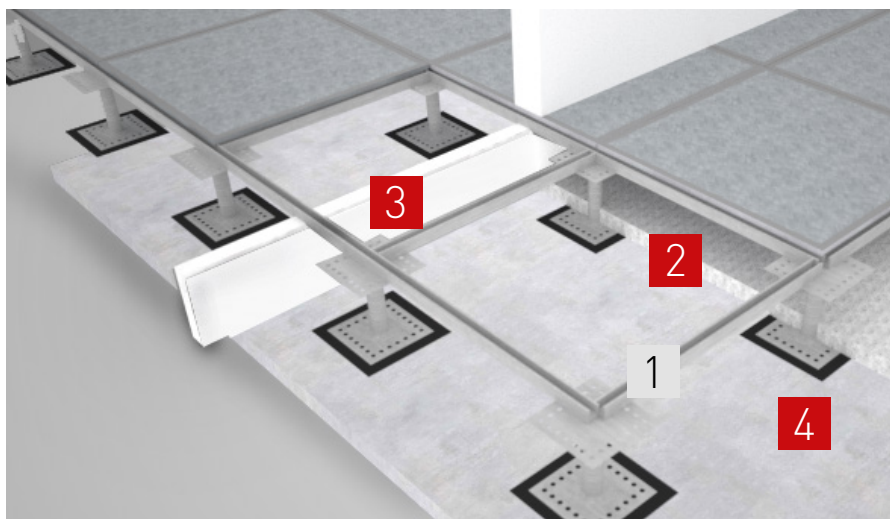
## ITEM SPECIFICATIONS

Acoustic ceiling consisting of a panel with a nominal thickness of 80 mm, made of recycled, heat-bonded high-density polyester fibre 60 kg/m<sup>3</sup>. 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 with Ministerial certificate (type Isolmant Setto Acustico Fibra).



#### INSTALLATION IN THE PLENUM OF THE FALSE CEILING

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



#### INSTALLATION IN THE PLENUM OF THE FLOATING FLOOR

1. Flooring
2. Isomant Perfetto CG
3. Isomant Setto Acustico Fibra o CG
4. Isomant 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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