



# ISOLMANT SETTO ACUSTICO CG

## PLASTERBOARD INSULATION OF WALLS AND PARTITIONS

A smart and versatile product designed to complement the acoustic insulation of plasterboard structures. It avoids the formation of acoustic bridges.


### WHAT IS ISOLMANT SETTO ACUSTICO CG?

Sandwiched product consisting of two 12.5 mm thick plasterboard panels and a IsolFIBTEC FLC panel (80 mm thermo-bonded fibre of recycled polyester).

### SPECIFIC APPLICATIONS

Isolmant Setto Acustico Fibra CG is a vertical element that completes mobile partitions or plasterboard partitions and is positioned in the air plenum between the wall and the extrados of the lower floor (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 the insulation losses due to the formation of acoustic bridges (losses that can be estimated at around 10 dB) at the upper or lower vertical joints of the aforementioned construction elements. When used with raised floors, the septum can be laid without fixing to ensure easy removal for maintenance. If used above the false ceiling, mechanical fixing to the intrados of the ceiling is recommended using brackets or metal profiles.



 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 CG

- **Volatile Organic Compounds free** (VOC A).
- **Eco-friendly and recyclable.**
- **Manufactured with low environmental impact.**


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.

## ADVANTAGES FOR INSTALLATION

- Easy installation.
- Variable height, on request, to adapt to all site requirements.

## ISOLMANT SETTO ACUSTICO CG > 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:	105 mm
SIZE:	Length 120 cm Height: up to 1 metre on request (upon request)
SOUND INSULATION:	$R_w = 48 \text{ dB}$ <sup>(1)</sup>
THERMAL RESISTANCE:	$R_t = 2.17 \text{ m}^2\text{K/W}$
THERMAL TRANSMITTANCE:	$U = 0.46 \text{ W/m}^2\text{K}$
REACTION TO FIRE:	Euroclass B, s1-d0 with Italian Ministerial Certificate. (1) <sup>(2)</sup>
VOC:	A <sup>(3)</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

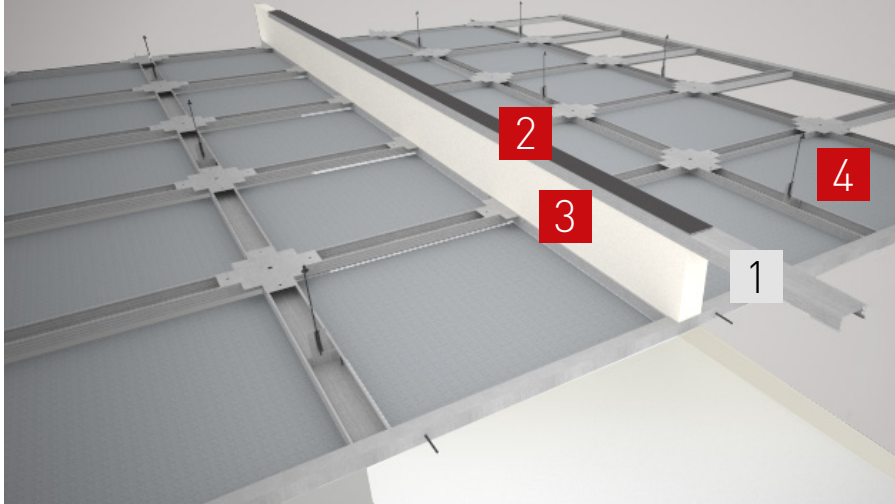
(1) Value calculated according to UNI EN 12354-1 and UNI TR 11175 standards on the following

(2) CSI Test Report No.CSI/0118/22/RF and Italian Ministerial Certificate No. MI1639B13D100002

(3) Eurofins Test Report No. 392-2023-00166001\_A\_EN

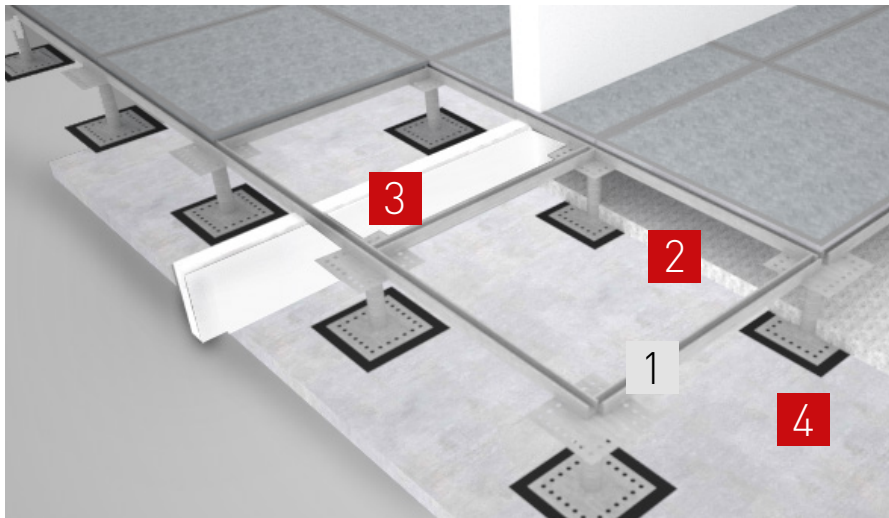
### ITEM SPECIFICATIONS

Sandwiched Acoustic laminated product made of two 12.5 mm thick plasterboard panels and a IsolFIBTEC FLC panel (80 mm thermo-bonded fibre of recycled polyester). Length 120 cm, height on request up to 1 metre, soundproofing power  $R_w = 48 \text{ dB}$  and thermal resistance of  $R_t = 2.17 \text{ m}^2 \text{ K/W}$  (type Isolmant Setto Acustico CG).



**TO BE POSITIONED IN THE PLENUM  
OF THE FALSE CEILING**

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



**TO BE POSITIONED IN THE PLENUM  
OF THE RAISED 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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