



# ISOLMANT TOP INCOLLAPAVIMENTO

## UNDER FLOORING INSULATION

Specific to install "hybrid" wooden flooring, laminate and LVT flooring. Blue Angel certified.

### WHAT IS ISOLMANT TOP INCOLLAPAVIMENTO


Insulating mat made of high-density viscoelastic heat-conductive material, coated with a specific adhesive layer specifically designed for direct gluing of wooden flooring, laminates and LVT and to maintain the adhesive performance unchanged over time. Thanks to its low thermal resistance, Isolmant Incollapavimento allows floors to be laid even on radiant systems with low inertia/low thickness. The adhesive layer is protected by a silicone film which must be removed during application.

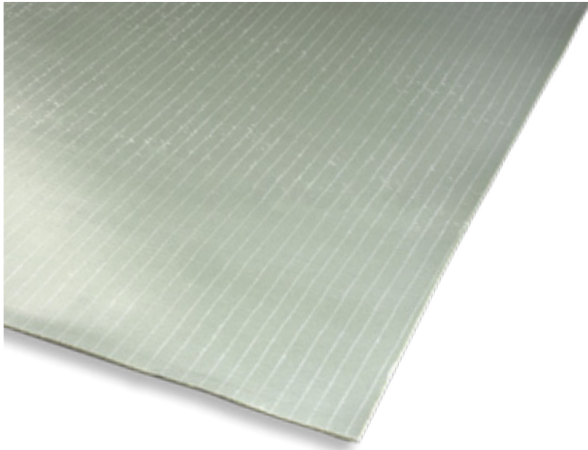
### SPECIFIC APPLICATIONS

Isolmant Acoustic System Isolmant Top Incollapavimento is a high quality system that combines two functions in one solution: acoustic performance and floor fixing system. It is ideal for reducing impact and reflected noise generated on floorings. Thanks to the specific adhesive layer specifically designed for the direct laying of floors, which maintains its adhesive performance over time, Isolmant Top Incollapavimento allows the semi-floating or "hybrid" laying of those floors that are normally laid with glue, such as pre-finished two-layer parquet and LVT without interlocking. The Isolmant Top Incollapavimento is specifically recommended in case of water underfloor heating with low inertia/low thickness.

Check:  $R_t$  (Flooring + underlay)  $\leq 0,15 \text{ m}^2\text{K/W}$ .



 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 TOP INCOLLAPAVIMENTO

- **Volatile Organic Compounds free** (VOC A+)
- It has been awarded the **Blue Angel** German Ecolabel'.
- **Free of plasticisers, asbestos, formaldehyde, halogens and heavy metals.**
- It is **solvent-free** and contains no other ozone-depleting substances.
- **The natural raw materials used do not compete with other food crops.**
- This product can be disposed of according to **EWC n. 170604.**

This product complies with the requirements defined by Italian CAM Edilizia for acoustic and thermal insulation materials regarding 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

- Excellent insulation against impact noise and reverberation noise (RWS).
- Presence of tough adhesive surface for direct bonding of finishes.
- Low thermal conductivity.
- Reaction to fire class Bfl-s1.
- Compressive Strength (CS).

### ADVANTAGES FOR INSTALLATION

- To be installed with the screen-printed side facing upwards.
- Easy and dust-free cutting using a utility knife or box cutter.
- This product allows the vapour barrier film to be placed underneath the underlay.

## ISOLMANT TOP INCOLLAPAVIMENTO > TECHNICAL SPECIFICATIONS

>To be installed with the adhesive side facing upwards.

NOMINAL THICKNESS:	1.8 mm
REFLECTED WALKING SOUND (RWS):	22 sone
IMPACT SOUND INSULATION:	$\Delta L_w = 18 \text{ dB}^{(1)}$
COMPRESSIVE STRENGTH (CS):	450 kPa (0.5 mm deformation)
COMPRESSIVE CREEP (CC):	> 55 kPa (max. load def. < 0.5 mm in 10 years)
DYNAMIC LOAD (DL):	> 10000 cycles (at 25 kPa)
IMPACT RESISTANCE - LARGE BALL TEST:	< 600 mm (under 7 mm of DPL laminate flooring)
THERMAL RESISTANCE:	$R_t = 0.01 \text{ m}^2\text{K/W}$
WATER VAPOUR RESISTANCE - $S_d$ (WVTV):	$S_d \leq 75 \text{ m}$
REACTION TO FIRE CLASS:	$B_{fl-s1}^{(2)}$
EMISSION OF VOLATILE ORGANIC COMPOUNDS:	VOC A+

Harmonised standards for CE marking are NOT currently available for acoustic insulation products.

### CE MARKING:

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.

SIZE:	Rolls of: 1.0 m x 6.5 m (h x L) = 6.5 m <sup>2</sup>
PACKAGE:	Cardboard boxes of 40 rolls (260 m <sup>2</sup> )

(1) laboratory CSI Test Report No. 0037\DC\ACU\13\1

(2) Istituto Giordano test report no. 381306

## ITEM SPECIFICATIONS

Resilient layer made of HD thermally conductive viscoelastic material, adhesive-coated with a silicon film (IsolDrum Top Incollapavimento type). To be installed with the adhesive side facing upwards. Reaction to fire class Bfl-s1. Nominal thickness 1.8 mm.

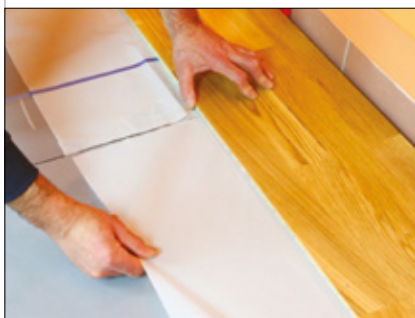


### PREPARING THE SCREED

## STEP 1

The surface where ISOLMANT TOP INCOLLAPAVIMENTO is installed should be load-bearing, flat, adequately even, clean and free from debris and oil. However, it will be the responsibility of the installer to assess the suitability of the surface for laying the sheets and the subsequent floating installation of laminates and parquet by carrying out some preliminary checks:

- External doors and windows must be installed with the relevant glass panes and the rooms to be paved must be protected from the weather.
- Other types of flooring must have already been laid.
- Masonry, installation of cladding and sanitary fixtures must be completed.
- The temperature of the rooms must be  $\geq 15^{\circ}\text{C}$  room temperature must be  $\geq 15^{\circ}\text{C}$ .
- Room humidity must be between 45% and 60%.
- The condition of the substrate must have been checked and it must be compliant and suitable for laying the flooring.
- If there is a heating screed, the pre-heating cycle must have been carried out.



WATCH THE VIDEO  
OF INSTALLATION

### LAYING THE SHEETS

## STEP 2

Laying the sheets with the adhesive side facing upwards (visible), side by side and carefully close together, taking care not to overlap them; remove the film and proceed to lay the finish following the instructions in the laying video; cutting the sheets is easy and clean, we recommend using a multipurpose knife or a box cutter.

### LAYING OF WOODEN FLOORING

## STEP 3

Installation should be carried out under proper temperature and moisture conditions and in compliance with the wooden flooring installation standard UNI 11265 2015. The sector's standards and regulations establish that the laying environment must guarantee environmental conditions within the values of max. RH 45%-60%,  $T^{\circ}\text{C}$  18 $^{\circ}\text{C}$  - 25 $^{\circ}\text{C}$ , the necessary conditions for maintaining the correct wood/environment balance established by the reference European standard UNI EN 13489:18 (7%+2%). In addition, the screed on which the floor system is laid must have a humidity percentage of no more than <2% in the case of a screed/laying surface without a heating system, <1.7% in the case of underfloor heating.



### 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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