



SYSTEMIC

line

ISOLMANT TOP INCOLLAPAVIMENTO

UNDERFLOOR INSULATION

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

WHAT IS ISOLMANT TOP INCOLLAPAVIMENTO

High-density viscoelastic thermally conductive underlayment with integrated adhesive layer, designed for direct bonding of parquet, laminate and LVT flooring, ensuring long-term adhesive stability. Due to its low thermal resistance, Isolmant Incollapavimento is compatible with low-profile/low-thermal-mass radiant heating systems.

The adhesive layer is protected by a silicone release film to be removed during installation.

AREAS OF APPLICATION

The Isolmant Top Incollapavimento System integrates acoustic insulation with flooring adhesion in a single high-performance solution. It reduces impact and airborne sound transmission through floor surfaces. With its specialized adhesive layer engineered for direct flooring installation and long-term bond stability, Isolmant Top Incollapavimento enables semi-floating or 'hybrid' installation of traditionally glue-down materials like two-layer prefinished parquet and seamless LVT.

Isolmant Top Incollapavimento is specifically indicated for use with underfloor heating and cooling systems.

COMPATIBLE FLOORING*

LAMINATE - (6 to 8 mm thick)	✓
LAMINATE - (Sp. 8 mm th.)	✓
LVT, SPC	✓
PREFINISHED PARQUET - 2 layers	✓
PREFINISHED PARQUET - 3 layers	✓
T&G SOLID WOOD FLOORING (thickness < 16 mm – plank width < 16 cm)	✓
CERAMICS	✗

* General indications valid for traditional installation supports only



www.blauer-engel.de/uz156



SUSTAINABLE





HEALTHY



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.

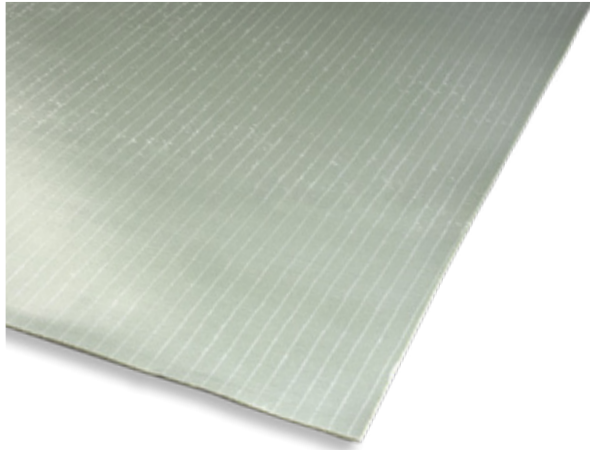
ISOLMANT TOP INCOLLAPAVIMENTO > TECHNICAL SPECIFICATIONS | 1

		VALUE	ADDITIONAL INFORMATION	STANDARD
		NOMINAL THICKNESS:	1.8 mm	EN 823
Acoustic		REFLECTED WALKING SOUND (RWS):	22 Sone	Superior performance EN 16205
		IMPACT SOUND INSULATION (IS):	$\Delta_{LW} = 18 \text{ dB}^{(1)}$	EPLF MMFA: superior performance ISO 10140-3
Mechanic		COMPRESSIVE STRENGTH (CS):	450 kPa (0.5 mm deformation)	CS3 class EPLF: superior performance EN 826
		COMPRESSIVE CREEP (CC)	> 55 kPa (max. load def. < 0.5 mm in 10 years)	CC3 class EPLF MMFA: superior performance EN 1606
		DYNAMIC LOAD (DL):	> 10000 cycles (at 25 kPa)	DL2 class EPLF: superior performance EN 13793
		IMPACT RESISTANCE - LARGE BALL TEST (RLB):	< 600 mm (under 7 mm of DPL laminate flooring)	RLB1 class EN 13329
		CONFORMABILITY (PC):	$\geq 0.5 \text{ mm}$	PC1 EN ISO 868
Thermo hygrometric		THERMAL RESISTANCE (RT):	$R_t = 0.01 \text{ m}^2\text{K/W}$	$R_{\lambda,B} \leq 0.10 \text{ m}^2\text{K/W}$ cooling $R_{\lambda,B} \leq 0.15 \text{ m}^2\text{K/W}$ heating EN 12667
		WATER VAPOUR RESISTANCE (SD):	$S_d = \leq 75 \text{ m}$	method A @23°C from 0% to 50% relative humidity EN 12086
		REACTION TO FIRE CLASS:	$B_{fl}-s1^{(2)}$	EN 13501-1
		EMISSION OF VOLATILE ORGANIC COMPOUNDS:	VOC A+	ISO 16000-9

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

ITEM SPECIFICATIONS

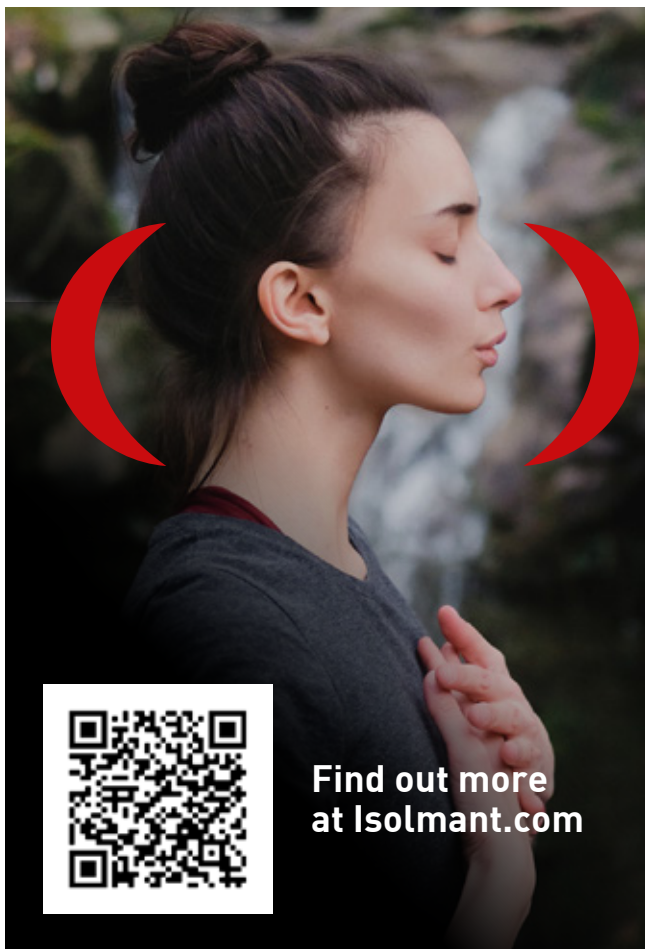
Resilient layer made of HD thermally conductive viscoelastic material, adhesive-coated with a silicon film (Isolmant Top Incollapavimento type). To be installed with the adhesive side facing upwards. Reaction to fire class B_{fl}-s1. Nominal thickness 1.8 mm.




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






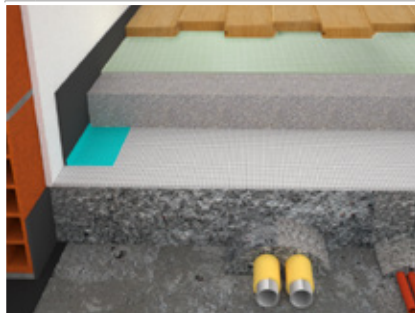
Find out more
at [Isolmant.com](https://isolmant.com)

ADVANTAGES

-  Excellent acoustic insulation against both impact noise and reverberation noise (RWS).
-  Features high-strength adhesive surface for direct bonding of finish materials.
-  Very low thermal resistance.
-  Fire reaction class B_{fl} - s1.
-  High compressive strength (CS).

APPLICATION ADVANTAGES

-  Quick and easy installation system.
-  Easily cut with a utility knife or cutter, without generating dust.
-  Allows placement of vapor barrier film beneath the underlayment.

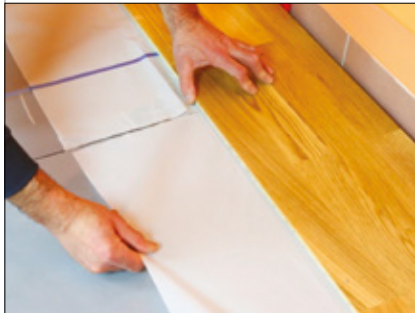


PREPARING THE SCREED

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°C - 25°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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