



ESSENTIAL

line

ISOLMANT PARQUET FILM

UNDERFLOOR INSULATION

Specifically designed for acoustic insulation under floating floors.
Features an integrated vapour barrier and adhesive overlap.

WHAT IS ISOLMANT PARQUET FILM

Medium-density resilient layer in Isolmant polyethylene, coated with a PE film acting as a vapor barrier. The product is equipped with an adhesive flap for overlapping and sealing the sheets. Embossed on the underside. To be installed with the transparent PE film facing upward and the embossed side facing downward.

AREAS OF APPLICATION

Isolmant Parquet Film is designed specifically for the floating installation of laminate and parquet flooring. A high-quality system that reduces both impact and reflected noise. Isolmant Parquet Film was specifically developed to protect these types of flooring even in the presence of residual or rising moisture from the underlying layers. The product is also suitable 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



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 PARQUET FILM > TECHNICAL INFORMATION

			VALUE	ADDITIONAL INFORMATION	STANDARD
		NOMINAL THICKNESS:	2 mm		EN 823
Acoustic		REFLECTED WALKING SOUND (RWS):	< 25 Sone	Superior performance	EN 16205
		IMPACT SOUND INSULATION (IS):	$\Delta L_w = 20 \text{ dB}^{(1)}$	EPLF MMFA: superior performance	ISO 10140-3
Mechanic		COMPRESSIVE STRENGTH (CS):	25 kPa (0.5 mm deformation)	CS1 class	EN 826
		COMPRESSIVE CREEP (CC)	10 kPa (max. load def. < 0.5 mm in 10 years)	CC1 class	EN 1606
		DYNAMIC LOAD (DL):	> 10.000 cycles (at 25 kPa)	DL1 class	EN 13793
		IMPACT RESISTANCE - LARGE BALL TEST (RLB):	1150 mm (under 7 mm of DPL laminate flooring)	RBL2 class	EN 13329
		CONFORMABILITY (PC):	$\geq 1,4 \text{ mm}$	PC2	EN ISO 868
Thermo hygrometric		THERMAL RESISTANCE (RT):	$R_t = 0,046 \text{ m}^2\text{K/W}$	$R_{\lambda,B} \leq 0,10 \text{ m}^2\text{K/W}$ cooling $R_{\lambda,B} \leq 0,15 \text{ m}^2\text{K/W}$ heating	EN 12667
		WATER VAPOUR RESISTANCE (SD):	$S_d \geq 75 \text{ m}$	method A @23°C from 0% to 50% relative humidity	EN 12086
		REACTION TO FIRE CLASS:	E_{fl}		EN 13501-1
		EMISSION OF VOLATILE ORGANIC COMPOUNDS:	VOC A+ ⁽²⁾		ISO 16000-9

(1) Test report no. P 4.2/08-208-4 MFPA laboratory

(2) Istituto Giordano test report no. 376851

	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 DOP (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 15 m equal to 15 m ²
	PACKAGE:	Cardboard boxes of 20 rolls (300 m ²)

ITEM SPECIFICATIONS

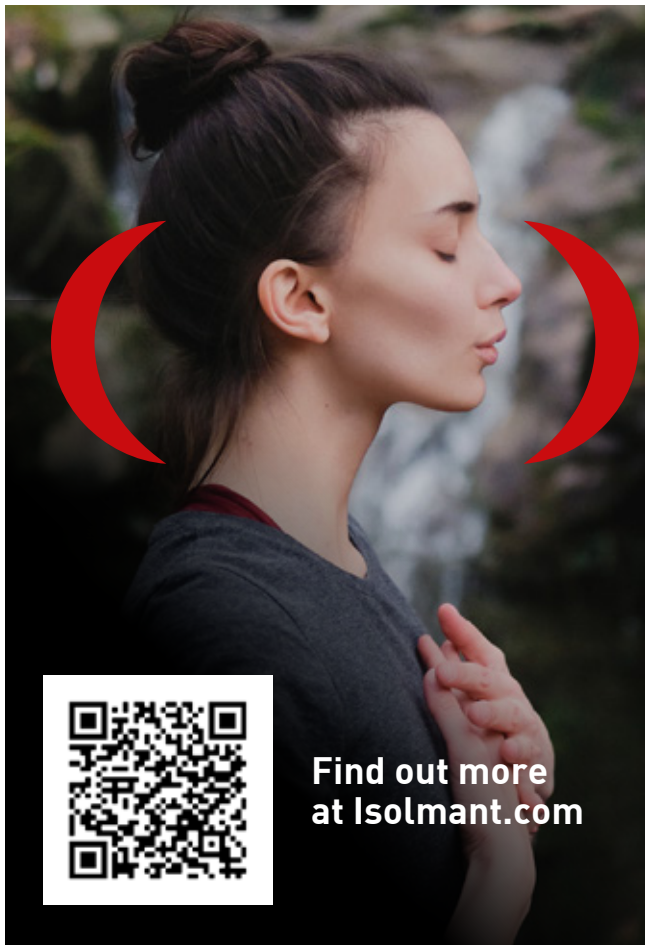
Resilient layer made of Isolmant high density polyethylene coated by PE film that acts as a vapour barrier (type Isolmant Parquet Film). This product flap overlaps the underlay edge for about 10 cm to allow the connection between sheets. To be installed with the PE transparent film facing upwards. Nominal thickness 2 mm.




GREEN FEATURES OF ISOLMANT PARQUET FILM

- Volatile Organic Compounds free (VOC A+)
- **It contains no plasticisers, asbestos, formaldehyde, halogens or heavy metals.**
- It is solvent-free and contains no other ozone-depleting substances.


This product complies with the requirements defined by 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)



Contact with water does not alter its performance and characteristics.



Low thermal resistance.



Unalterable over time with unlimited durability.



Vapor barrier with integrated adhesive selvage.



Resistant to mold or insects.

APPLICATION ADVANTAGES



Easy to install.



Easily cut with a utility knife or cutter, without generating dust.



Adhesive selvage to facilitate the overlapping and sealing of sheets.



PREPARING THE SCREED

STEP 1

The surface where Isolmant Parquet Film will be laid 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.

LAYING THE SHEETS

STEP 2

Lay the sheets with the transparent PE film facing upwards (visible), side by side and neatly overlapping, use the adhesive overlapping flap to overlap by approximately 10 cm and seal with the embedded adhesive tape; cutting the sheets is easy and clean, we recommend using a utility 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 under-floor 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.



Via dell'Industria 12, Località Francolino 20074 Carpiano (Mi) Tel. +39 02 9885701 Fax +39 02 98855702
clienti@isolmant.it - www.isolmant.it - www.sistemapavimento.it - www.isolmant4you.it

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