



ISOLMANT PARQUET FILM

UNDER FLOORING INSULATION

Specifically for the acoustic insulation of floating flooring. With integrated vapour barrier and adhesive overlapping flaps.

WHAT IS ISOLMANT PARQUET FILM?


High Density Polyethylene Isolmant resilient layer coated by a high vapour resistance PE film. This product comes with adhesive fabric to connect and seal the sheets. To be installed with the PE transparent film facing upwards.

SPECIFIC APPLICATIONS

Isolmant Parquet Film is designed specifically for floating installation of laminate and parquet floors. A high quality system to reduce impactive and reflected noise. Isolmant Parquet Film has been developed to protect flooring systems even in the presence of residual or rising damp from the underlying layers. To be installed with the PE transparent film facing upwards.

This product is also suitable for hot water underfloor heating. 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 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 can be disposed of according to EWC n. 170604.

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

- Excellent sound insulation against impact noise and reverberation noise (RWS).
- Low thermal conductivity.
- Vapour barrier with adhesive overlapping flap.

ADVANTAGES FOR INSTALLATION

- Easy and dust-free cutting using a utility knife or box cutter.
- Adhesive overlapping flap to facilitate overlapping and sealing of sheets.

ISOLMANT PARQUET FILM > TECHNICAL INFORMATION

> To be installed with the PE transparent film facing upwards.

| | |
|---|--|
| NOMINAL THICKNESS: | 2 mm |
| REFLECTED WALKING SOUND (RWS): | < 25 Sone |
| IMPACT SOUND INSULATION: | $\Delta L_w = 20 \text{ dB}^{(1)}$ |
| COMPRESSIVE STRENGTH (CS): | 30 kPa (0.5 mm deformation) |
| COMPRESSIVE CREEP (CC): | 10 kPa (max. load def. < 0.5 mm in 10 years) |
| DYNAMIC LOAD (DL): | < 10000 cycles (at 25 kPa) |
| IMPACT RESISTANCE - LARGE BALL TEST: | 1.200 mm (under 7 mm of DPL laminate flooring) |
| THERMAL RESISTANCE: | $R_t = 0.06 \text{ m}^2\text{K/W}$ |
| WATER VAPOUR RESISTANCE - S_d (WVTV): | $S_d \geq 75 \text{ m}^2$ ⁽²⁾ |
| EMISSION OF VOLATILE ORGANIC COMPOUNDS: | VOC A+ ⁽³⁾ |
| 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 15 m equal to 15 m ² |
| PACKAGE: | Cardboard boxes of 20 rolls (300 m ²) |

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

(2) CSI Test Report No. 0604\FPM\MATs\15

(3) Istituto Giordano test report no. 376851

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.



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 $\geq 15^{\circ}$ Croom temperature must be $\geq 15^{\circ}$ 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.

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°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.



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