

# ISOLMANT 3mm PARQUET

## UNDER FLOORING INSULATION

The basic product for the acoustic insulation of floating floorings

### WHAT IS ISOLMANT 3MM PARQUET

Resilient layer made of second-generation Isolmant polyethylene with embossed and screen-printed upper side, featured by a better and calibrated quality of the polyethylene cellulation. Thanks to its intrinsic quality and physical properties, this product ensures longterm performance. An “entry level” product in the Isolmant range, it improves insulation performance against impact noise and RWS reverberation noise when used for floating installation of parquet and laminate flooring.

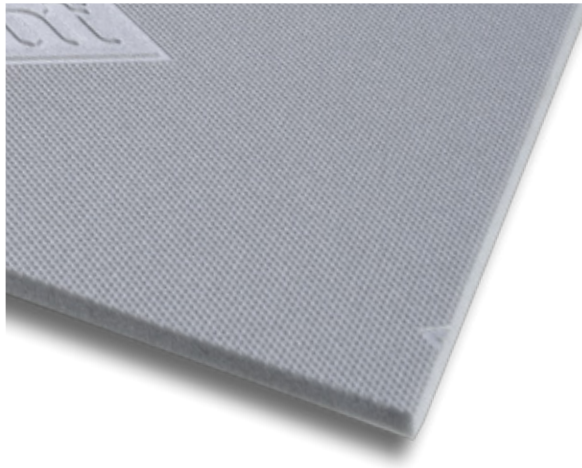
### SPECIFIC APPLICATIONS

Isolmant 3mm Parquet is specifically designed for floating installation of laminate flooring, wooden flooring and other types of hard flooring of suitable thickness. A high quality system to reduce impact and reflected noise. Isolmant 3mm Parquet has been developed to protect the interlocking devices of these floors even when subjected to high loads. The Isolmant 3mm Parquet is specifically recommended in case of underfloor heating systems.

To be installed with the screen-printed side facing upwards. 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 3mm PARQUET

- 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.

**Rispetta le prescrizioni** definite dai **CAM-Edilizia** per i materiali per l'**isolamento acustico** e **termico** relativamente alla richiesta di elevate prestazioni di isolamento acustico, alla percentuale di riciclato e all'assenza di sostanze pericolose

**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 sound insulation against impact noise and reverberation noise (RWS).
- Low thermal conductivity.
- High conformability (PC).

### **ADVANTAGES FOR INSTALLATION**

- Easy and dust-free cutting using a utility knife or box cutter.

## ISOLMANT 3mm PARQUET > TECHNICAL SPECIFICATIONS

> To be positioned with the screen printed fabric facing upwards.

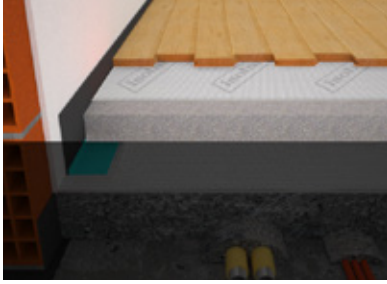
|   |  |
|---|--|
| NOMINAL THICKNESS:                      | 3 mm   |
| REFLECTED WALKING SOUND (RWS):          | 25 sone  |
| IMPACT SOUND INSULATION:                | $\Delta L_w = 19 \text{ dB}^{(1)}$   |
| COMPRESSIVE STRENGTH (CS):              | 24 kPa (0.5 mm deformation)  |
| COMPRESSIVE CREEP (CC):                 | 3 kPa (max. load def. < 0.5 mm in 10 years)  |
| DYNAMIC LOAD (DL):                      | < 10000 cycles (at 25 kPa)   |
| IMPACT RESISTANCE - LARGE BALL TEST:    | 1400 mm (under 7 mm of DPL laminate flooring)  |
| THERMAL RESISTANCE                      | $R_t = 0.086 \text{ m}^2\text{K/W}$  |
| WATER VAPOUR RESISTANCE - SD (WVTV):    | $S_d = < 40 \text{ m}$   |
| EMISSION OF VOLATILE ORGANIC COMPOUNDS: | VOC A+ <sup>(2)</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. |
| SIZE:                                   | Rolls of:<br>1.05 m x 20 m equal to 21 m <sup>2</sup>  |
| PACKAGE:                                | Paper boxes of 12 rolls (252 m <sup>2</sup> )  |

(1) Test report laboratory CTBA n.97/MPX-L/513/212/2

(2) Istituto Giordano test report no. 376851

## ITEM SPECIFICATIONS

The resilient layer is made of second-generation reticulated expanded closed-cell polyethylene. This product ensures an even performance and high compressive strength over the time (Isolmant 3mm Parquet type). To be installed with the embossed and screen-printed side in visible position. Density 30 kg/m<sup>3</sup>. Nominal thickness 3 mm.



### PREPARING THE SCREED

### STEP 1

The surface where Isolmant 3mm Parquet 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 floored must be protected from the weather.
- Other types of flooring must have already been laid.
- Masonry, installation of cladding and sanitary fixtures must have been completed.
- The temperature of the rooms must be  $\geq 15^{\circ}\text{C}$ .
- The ambient humidity must be between 45% and 60%.
- The conditions of the substrate must have been checked and it must be compliant and suitable for the laying of the flooring.
- In the case of a heating screed, the pre-heating cycle must have been carried out.

### LAYING THE SHEETS

### STEP 2

Lay the sheets with the screen-printed side facing upwards (visible), side by side and carefully aligned, taking care not to overlap them; cutting the sheets is easy and clean: we recommend using a utility knife or 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 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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