



# ISOLMANT **ISOLDRUM LVT PLUS**

## UNDER FLOORING INSULATION

Waterproof product with non-slip film, specific for installing lvt and spc flooring. Joints covering.

### WHAT IS ISOLDRUM LVT PLUS

HD wooden fibre and starch insulating underlay equipped with an anti-slip coating film for the installation of LVT and SPC flooring.  
To be installed with the anti-slip green side facing upwards. Thickness 1.8 mm.

### SPECIFIC APPLICATIONS

Isoldrum LVT Plus is conceived to install LVT and laminate flooring on uneven screeds or existing flooring. This product ensures a high impact sound reduction. The very high compressive strength preserves the click mechanism of the flooring. The unique anti-slip technology avoids LVT or SPC flooring movement. It is made of natural components and its manufacturing process is characterised by low environmental impact. This makes Isoldrum LVT Plus a 100% eco-friendly products. This product is also suitable for hot water underfloor heating.  
Check  $R_t$  (flooring+ underlay)  $\leq 0.15 \text{ m}^2\text{K/W}$ .



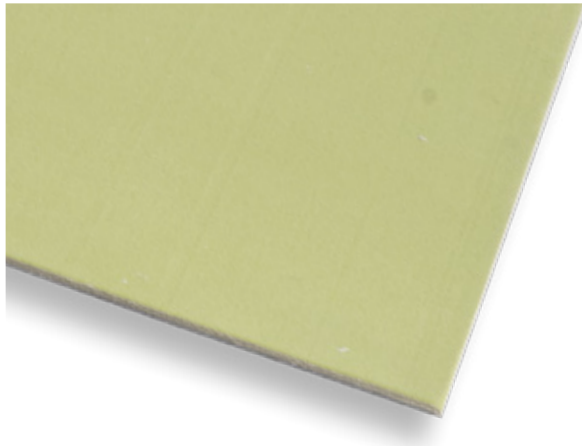
SUSTAINABLE



HEALTHY



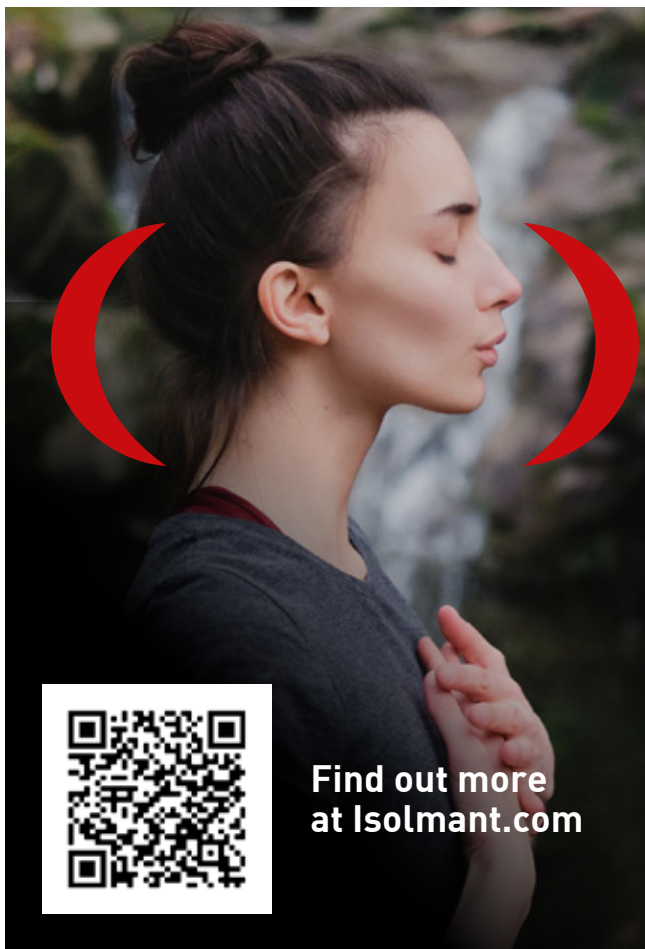
ECOLOGICAL




## GREEN FEATURES OF ISOLMANT ISOLDRUM LVT PLUS

- **Volatile Organic Compounds free** (VOC A+)
- **Manufactured with low environmental impact.**
- **It contains no plasticisers, asbestos, formaldehyde, halogens or heavy metals.**
- It contributes to achieve credits for the environmental certification of a building according to **LEED** or **ITACA** standards.


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

- This product ensures a significant increase in acoustic insulation against impact noise and RWS.
- It allows the installation of LVT and SPC on the flooring even without skim coating.
- It can be used in all environments, in both residential and tertiary context.
- Low thickness, it does not require modifications to existing levels. when laid under the floor].
- Low thermal resistance (compatible with underfloor heating systems, even

### INSTALLATION ADVANTAGES

- Installing IsolDrum LVT Plus is really easy and quick. It requires no special tools, but only cutter and adhesive tape. Floating installation avoids the use of adhesives, making it quicker and healthier.
- Covers the joints of existing ceramic flooring without the need for skimming.
- Protects click flooring even when laid on existing floorings.

## ISOLMANT ISOLDRUM LVT PLUS > TECHNICAL SPECIFICATIONS

NOMINAL THICKNESS:	1.8 mm
IMPACT SOUND INSULATION:	$\Delta L_w = 20$ <sup>(1)</sup>
DRUM SOUND INSULATION (RWS):	< 25 sone
THERMAL CONDUCTIVITY:	$\lambda = 0.053$ W/mK
THERMAL RESISTANCE:	$R_t = 0.034$ m²K/W
EQUIVALENT AIR THICKNESS ISOLTILE CLASSIC:	$S_d < 40$ m
COMPRESSIVE STRENGTH (CS):	1000 kPa (0.5 mm deformation)
COMPRESSIVE CREEP - CREEP (CC):	1020 kPa (0.5 mm deformation)
DYNAMIC LOAD (DL):	>100,000 cycles (at 75 kPa)
CONFORMABILITY (PC):	1.3 mm
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:	0.78 m x 0.56 m panels equal to 0.437 m² - 16 panel packs equal to 7 m²
PACKAGE:	- Pallets of 62 packs 62 (434 m²)

(1) SG-Bauakustik Report No. 1524-001-14 dated 20/11/2014

(2) EPH Test Report No. 2516237 18/05/2016

## ITEM SPECIFICATIONS

The refurbishment resilient layer is made of waterproof HD wooden fibre with anti-slip side (Isoldrum LVT Plus type). To be installed with the anti-slip side facing upwards. Nominal thickness 1.8 mm.



### PREPARING THE SCREED

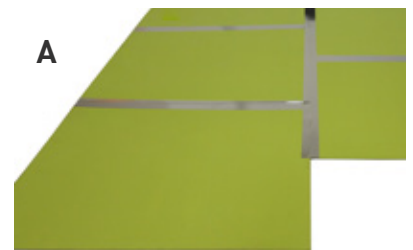
## STEP 1

The installation of IsolDrum LVT Plus must be carried out on an even, clean, free of debris or oils surface. Nevertheless, the tiler will assess the suitability of the surface when laying glue and sheets.

## STEP 2

### INSTALLING THE UNDERLAY

The sheets of IsolDrum LVT Plus should be placed without overlapping each other and taking care to leave an offset between them. Then, the sheets must be taped by means of Isolmant Nastro Alluminato. The green anti-slip side should be facing upwards (Figure 1). It is advisable to lay the sheet at about 10 mm from the side walls and door sills. The underlay exceeding surface can be cut with a cutter and easily reused by connecting them with the tape.



### INSTALLING THE FLOORING

## STEP 3

The flooring can be floating, taking care to lay it at an angle of 90 ° with respect to the underlay (Figure 2).





### 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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