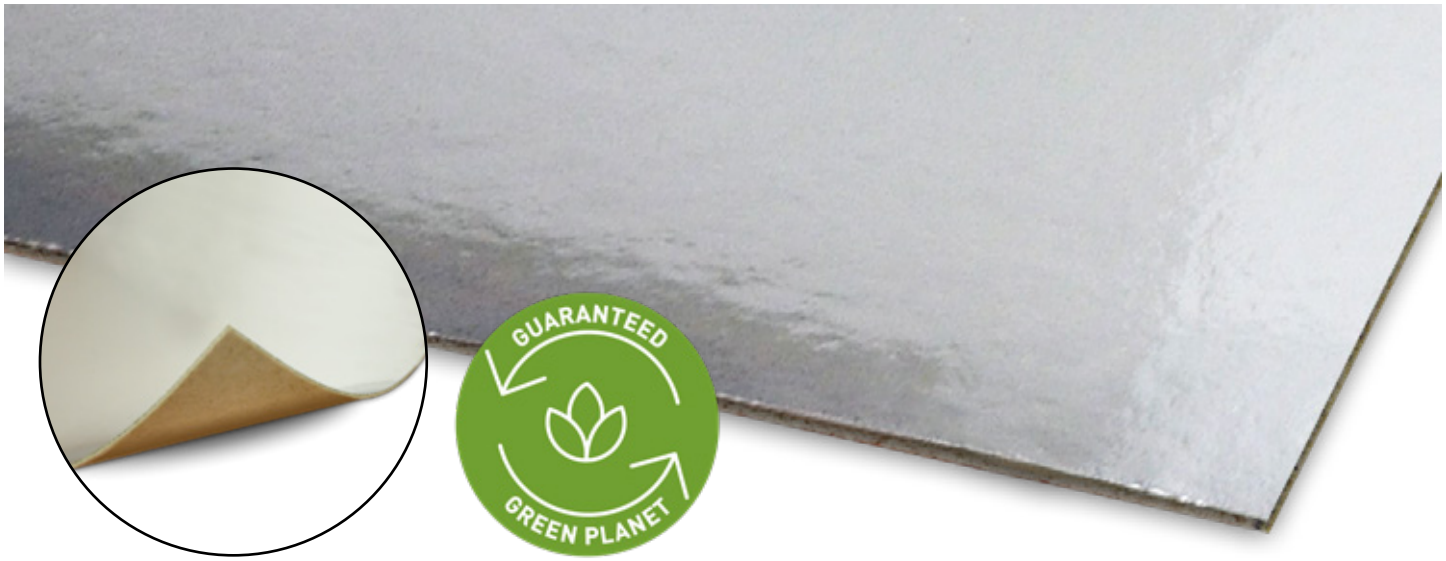


ISOLMANT TOP

UNDER FLOORING INSULATION

The most complete and versatile product specifically for the acoustic insulation of floating flooring. Blue angel certified.

WHAT IS ISOLMANT TOP

Insulating underlay made of thermally conductive viscoelastic material, specific for floating installation of wooden or laminate flooring onto underfloor heating. This product is coated by an aluminised PET film to prevent rising moisture.

SPECIFIC APPLICATIONS

The Isolmant Top acoustic system is designed specifically for floating installation of laminate flooring, wooden flooring and other types of hard flooring. A high quality system to reduce impactive and reflected noise. Isolmant TOP has been developed to protect the interlocking devices of these floors even when subjected to high loads.
The use of Isolmant Top is specifically indicated in applications with underfloor heating systems, including those with low inertia/low thickness.
Check: R_t (Flooring + underlay) ⩽ 0,15 m^2K/W.

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

BLUE ANGEL THE GERMAN ECOLABEL www.blauer-engel.de/uz156

CAM MINIMUM ENVIRONMENTAL CRITERIA SUSTAINABLE

VOC FREE HEALTHY

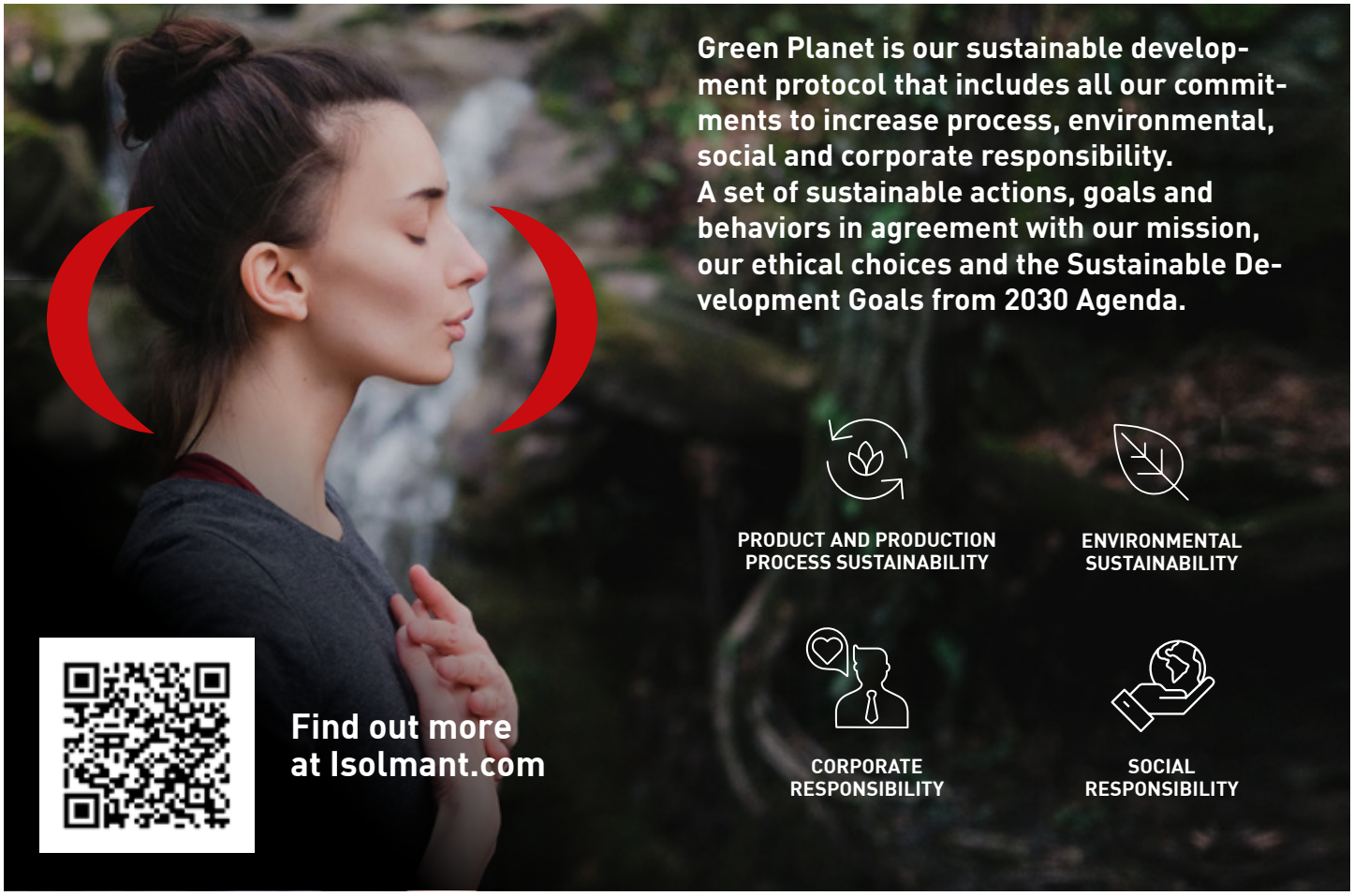
ECOLOGICAL

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 TOP

- **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.



ADVANTAGES

- Excellent sound insulation against impact noise and reverberation noise (RWS).
- Product designed for laying parquet and heating system
- Coated by an aluminised PET film with vapour barrier function.
- Low thermal conductivity.
- Reaction to fire class Bfl-s1.
- High compressive strength (CS).

ADVANTAGES FOR INSTALLATION

- Easy and dust-free cutting using a utility knife or box cutter.
- To be installed with the aluminate-coated side facing upwards.
- It is recommended that joints be sealed with Isolmant Nastro Aluminato.

ISOLMANT TOP > TECHNICAL SPECIFICATIONS

>To be installed with the aluminate-coated side facing upwards.

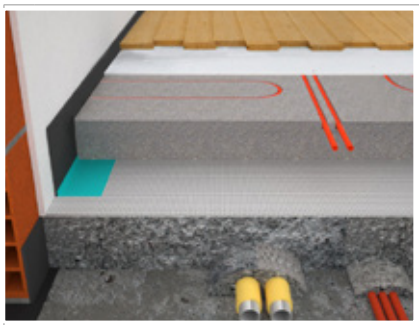
NOMINAL THICKNESS:	1.8 mm
REFLECTED WALKING SOUND (RWS):	23 sone
IMPACT SOUND INSULATION:	ΔL_w = 18 dB (1)
COMPRESSIVE STRENGTH (CS):	300 kPa (0.5 mm deformation)
COMPRESSIVE CREEP (CC):	> 50 kPa (max. load def. < 0.5 mm in 10 years)
DYNAMIC LOAD (DL):	> 10000 cycles (at 25 kPa)
IMPACT RESISTANCE - LARGE BALL TEST:	< 600 mm (under 7 mm of DPL laminate flooring)
THERMAL RESISTANCE:	R_t = 0.01 m^2K/W
WATER VAPOUR RESISTANCE - S_D (WVTV):	S_d = 150 m
REACTION TO FIRE CLASS:	B_{fl}-s1 (2)
EMISSION OF VOLATILE ORGANIC COMPOUNDS:	VOC A+
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 8.5 m (h x L) = 8.5 m^2 After overlapping the sheets they should be sealed by means of Isolmant Nastro Alluminato.
PACKAGE:	Cardboard boxes of 40 rolls (340 m^2)

(1) laboratory CSI Test Report No. 0037\DC\ACU\13\2

(2) Istituto Giordano test report no. 381306

ITEM SPECIFICATIONS

This resilient layer is made of HD thermally conductive viscoelastic material, coated with a PET aluminate film to prevent rising moisture (Isolmant Top type). To be installed with the aluminate-coated side facing upwards. Reaction to fire class Bfl-s1. Nominal thickness 1.8 mm.



PREPARING THE SCREED

STEP 1

The surface where ISOLMANT TOP 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 ≥ 15°Croom temperature must be ≥ 15°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 aluminate side facing upwards (visible) side by side and carefully close together, taking care not to overlap them; tape the sheets together using Isolmant Nastro Alluminato to give continuity to the vapour barrier; cutting the sheets is easy and clean; it is advisable to use a multi-purpose 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 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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