

ISOLMANT TELOGOMMA CLASSIC

MASSIVE PRODUCTS

For sound insulation and vibration damping in lightweight structures

WHAT IS ISOLMANT TELOGOMMA CLASSIC?

New rubber-based elastic-dynamic compound with a quantity of mineral fillers specifically designed to increase the surface mass, without compromising the elastic capacity essential for absorbing vibrations.
This allows to obtain a better viscosity of the compound so as to be able to maintain high technical insulation characteristics acoustic and vibration dampers while increasing the conformability of the mattress (absence of memory effect once unrolled).
On request, also available in adhesive version. 1.7mm thick.

SPECIFIC APPLICATIONS

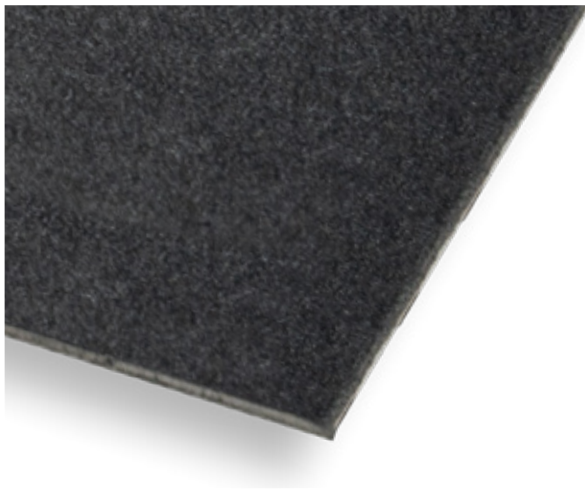
New version of the high-range product for mass products. The introduction of the Mass System appointed it as a product Classic for sound insulation and vibration damping of ceilings, roofs and light walls in plasterboard or wood. Its characteristics also make it particularly suitable as soundproofing for sheet metal roofing and for damping in general of the vibrations of the mechanical parts.
It is a very flexible product that can be easily applied even on non-planar surfaces.

VOC FREE HEALTHY

MASS SYSTEM

The "mass-spring-mass" principle, on the basis of which effective acoustic systems are created in the construction sector, has demonstrated limitations over the years especially in the presence of extremely light or weak structures. This is due to the fact that in the prediction formulas the mass of the structure is the most important variable but it is not the only parameter to take into consideration, in fact, as the masses decrease, the gap between forecast calculations and reality also increases. This has prompted the market, in order to avoid these uncomfortable limits, to search for acoustic products with massive characteristics as the only feature.
On the contrary, the numerous researches carried out and the on-site experience have shown us that optimal results are not obtained only adding mass but finding the right combination of mass and elasticity.
The study for the development of the new Telogomma sector focused precisely on finding the optimal ratio between elasticity and mass of the new compound that can lead to the best acoustic comfort in all those structures where the main problem is the lack of mass. Discover all the curiosities of the Mass System on our website.

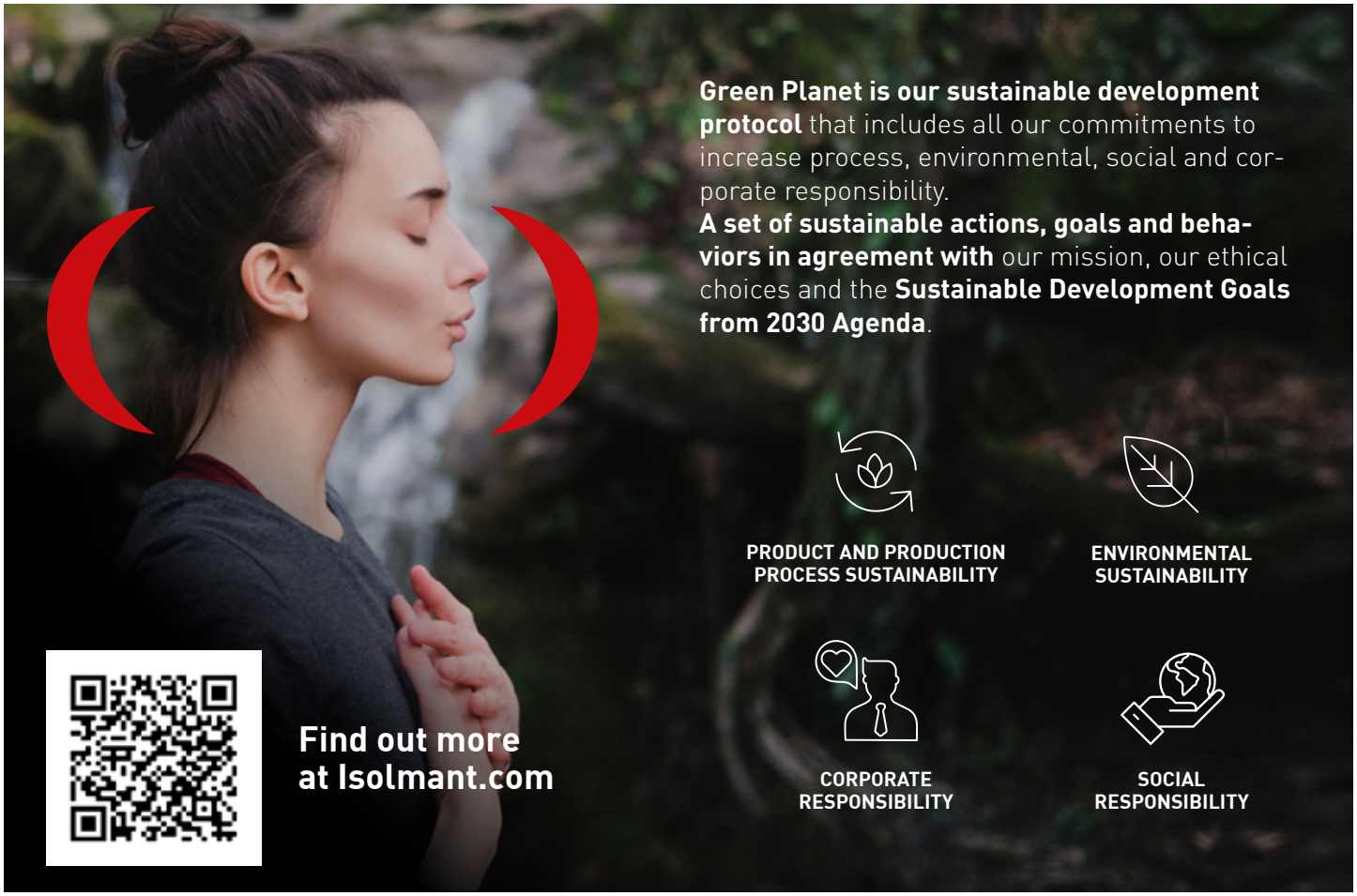
All our products with the "**Guaranteed Green Planet**" logo are compliant with the sustainability criteria of the most important environmental protocols and certified according to the major national and international standards.



GREEN FEATURES OF ISOLMANT TELOGOMMA

- **Volatile Organic Compounds free (VOC A+).**
- **Eco-friendly and recyclable.**

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.





ADVANTAGES

- High sound-insulating performance.
- Absence of memory effect.
- Very flexable.
- Mass product.
- Vibration damper
- Inalterable over time.
- Unlimited durability.

INSTALLATION ADVANTAGES

- Easy to lay product thanks to high level punctual conformability .
- Product that ca be trimmed or cut.

ISOLMANT TELOGOMMA CLASSIC > TECHNICAL SPECIFICATIONS

NOMINAL THICKNESS:	1.7 mm
DENSITY:	2150 kg/m^3 Upon request, non-standard densities can be ordered by contacting Isolmant's Customer Service
SOUND INSULATION	R_w = 29 dB [1]
VAPOUR RESISTANCE	μ = 7000
EMISSION OF VOLATILE ORGANIC SUBSTANCES:	VOC A+ [2]
REACTION TO FIRE:	Euroclass E (Available in Euroclass B-s2 d0)
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 m x 3 m (h x L) = 3 m^2
PACKAGE:	pallet of 30 rolls equal to 90 m^2

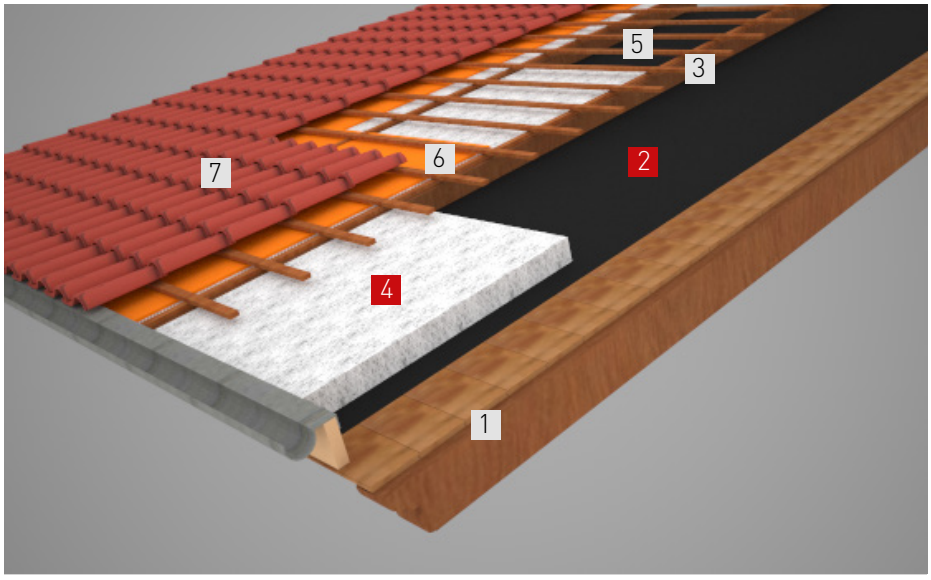
The values in this table, not certified by an accredited laboratory, refer to the effective average value measured during production with a tolerance of 5%

(1) S.C.S. Report no. 052_06 - Transmission Loss test for normal incidence of Isolmant Telogomma

(2) Istituto Giordano test report no. 379082

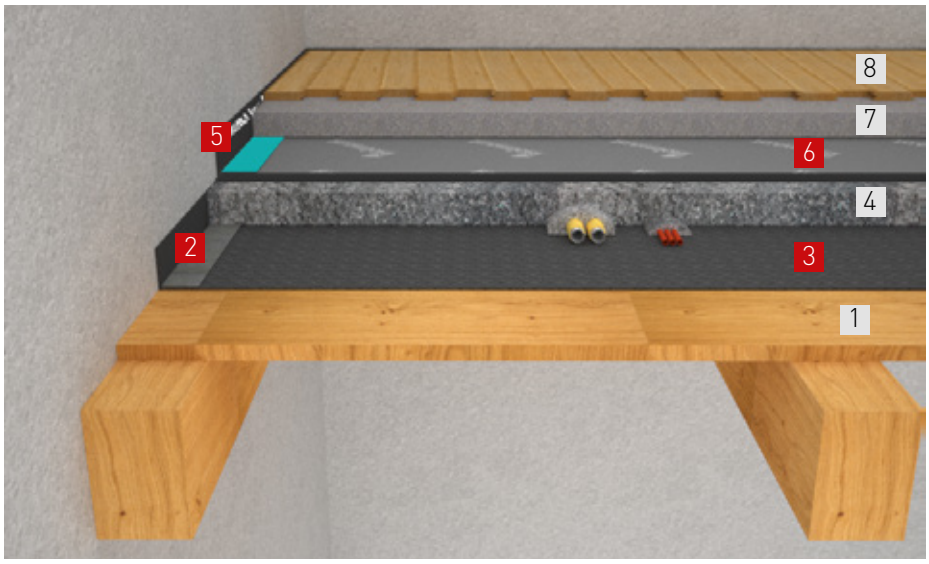
ITEM SPECIFICATIONS

New and innovative rubber-based mass elastic-dynamic covering with mineral fillers, bitumen and halogen free, with viscosity designed for the best ratio between elasticity and mass (such as Isolmant Telogomma Classic).
Nominal thickness 1.7 mm and surface density equal to 3.5 kg/m^2. Transmission Loss for normal incidence: R_w= 29 dB.



SOUND INSULATION COVERING

1. Wooden flooring
2. Isolmant Telogomma Classic
3. Floor battens
4. Isolmant Perfetto CG
5. Wooden frames
6. Wooden film
7. Tile cladding



DOUBLE-LAYER LIGHT SLABS INSULATION

1. Wooden floor
2. Isolmant Fascia Perimetrale Tecnica Reticolata
3. Isolmant Telogomma Classic
4. Plant leveling layer



LIGHTWEIGHT SINGLE-LAYER SLAB INSULATION

1. Wooden floor
2. Isolmant Fascia Perimetrale Tecnica Doppio Spessore
3. Isolmant Telogomma
4. Finishing screed
5. Isolmant Parquet Film
6. Parquet



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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