



ISOLMANT **TELOGOMMA PLUS**

MASSIVE PRODUCT

Specific for isolating hard-to-reach details (pipes, bins, sheet metal), easy to install because it is extremely conformable and has a positioning adhesive layer.

WHAT IS ISOLMANT TELOGOMMA PLUS?

Flexible product composed of the new Isolmant Telogomma Classic coupled with a special rubber polymer blend foam. In particular the layer in Isolmant Telogomma Classic gives to the product the elastic-dynamic characteristics which increases its soundproofing performance, while the Isolmant Special foam also dampens the greatest vibrations and avoids hard contacts of the piping with masonry components. The product is adhesive on one side. Total thickness 7.5mm.

SPECIFIC APPLICATIONS

Isolmant Telogomma Plus is a flexible insulation covering of construction details that could easily become acoustic bridges (pipes, roller shutter cases, columns of exhaust, ventilation ducts...). It offers excellent performance as an acoustic and thermal insulator, as well as an anti-vibration. Due to its conformability and adhesive side it can be easily applied to non-planar surfaces.

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.



ADVANTAGES

- This product can be used in renovation and new construction.
- Vibration damper.
- High sound absorbing power.
- High soundproofing power.
- Inalterable over time.
- Unlimited durability.

INSTALLATION ADVANTAGES

- Easy to lay thanks to the presence of an adhesive side.

ISOLMANT TELOGOMMA PLUS > TECHNICAL SPECIFICATIONS

THICKNESS:	7.5 mm
SOUND INSULATION:	$R_w = 29$ dB ⁽¹⁾
THERMAL RESISTANCE:	$R_t = 0.293$ m²K/W
REACTION TO FIRE:	Euroclass E
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 m²
PACKAGE:	Individual rolls

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) RCSI Test Report N. ME06/067/98

ITEM SPECIFICATIONS

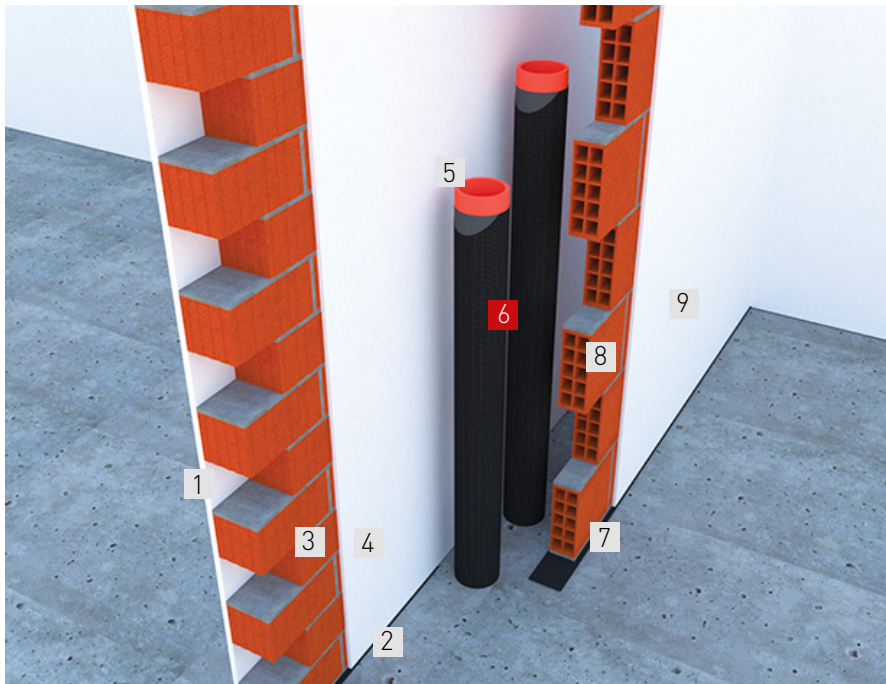
Massive elastic-dynamic covering with special compound with mineral fillers, bitumen and halogen free, with calibrated thickness coupled with closed cell foam rubber mixed with elastic polyolefin polymers. Product adhesive on one side and specific for the acoustic insulation of details with the need for both soundproofing and anti-vibration.

Nominal thickness 7.5 mm.

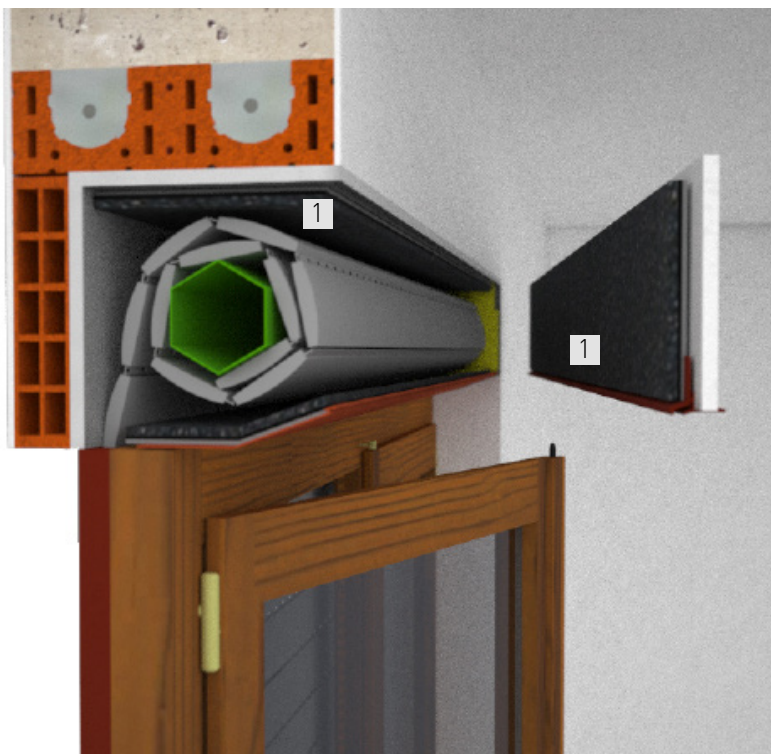
INSTALLING ISOLMANT TELOGOMMA PLUS: APPLICATION ON PIPES

STEP

To prevent the noise generated by drainage ducts from passing through the walls, these pipes must be coated with sound-proofing and massive material. Isolmant Telogomma Plus should be installed with the adhesive side towards the pipes. This product is ideal for wrapping pipes and ensuring high noise reduction, as well avoiding rigid pipe contact with wall components (for this function it is advisable to wrap the pipes even when using silenced pipes)



1. Plaster
2. Isolmant Fascia Tagliamuro
3. Brickwork
4. Plaster
5. Piping
6. Isolmant Telogomma Plus
7. Isolmant Fascia Tagliamuro
8. Brickwork
9. Plaster



1. Isolmant Telogomma Plus



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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