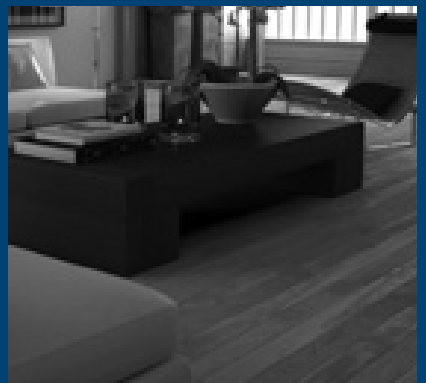




# BUILDING CATALOG





**+39 02 99431100**  
**info@mappyitalia.com**

Every MAPPY ITALIA product is unique and has performance characteristics and specific applications. **YOU MAY CONTACT OUR CUSTOMER SERVICE** and ask for specific information on how to install the products. We guarantee excellent results!

**[www.mappyitalia.com](http://www.mappyitalia.com)**

Visit our website to find the latest news and technical details of every product.

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# Company Profile

Mappy Italia, since 1974, means “The acoustic and thermal insulation”

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## Experience and professional skills at your service

MAPPY ITALIA, based in Italy, is the leading company in acoustic and thermal insulation, boasting over 35 years of experience. The company was founded in 1974 and over the years has managed to become a solid company due to the intuition and technical ability of its richly experienced chemical-plastic industrial technicians.

## One company, three areas

Nowadays, Mappy Italia products are used in construction, DIY (big distribution, hardware stores and household stores) and industry (generators, refrigeration, air conditioning, naval industry, automotive, aeronautics, electricity sector, in appliance factories in general, and in carpentry and woodworks).



## The plant, warehouses and shipments: the beating heart of a modern, efficient and advanced company

Nowadays the main plant in Cesate (Milan), occupies an area of 22,000 m<sup>2</sup>.

Technological support on laptops connected wirelessly to the PC of logistics personnel, guarantee an immediate release of documents and simultaneously unloading the store just in time so to have the situation always under control. With a recent investment to improve safety and operation of the warehouse, we are now able to ensure daily shipments on time.

Shipments are in fact in line with the highest standards:

- 24 / 48 h for goods in stock in warehouse on our order confirmation, estimated delivery time for a domestic order;
- 3 to 4 weeks for non-standard materials on our order confirmation.





**Mappy Italia: real made in Italy, concrete quality**  
MAPPY ITALIA strongly believes in the quality of its products. A good product is made with high quality materials tested and checked for the entire production process: from raw material to finished product. For this reason, materials and production are made entirely in Italy. The technicians of Team Mappy Italia constantly verify the production processes to uniform them to the highest standards and to deliver the highest and ensured quality products to its customer.



**On 2005 the Team Mappy Italia is born: new energy for a successful future**  
*We believe in the value of the person, we believe that great goals are reached together"*

Since 2005 the new management has invested their resources to continuously improve both the technology and the quality of Mappy Italia human resources: **Customer service** and **specialized technicians** are always available for customers, the implementation of the **Technical department of Research and Development** and new **Communications department**, are some of the challenges undertaken by the Team. Mappy Italia was able, thanks to these choices, to drive the company into the future with determination and conviction despite the crisis that has affected more or less almost all sectors.



**Social commitment and environmental sensitivity: the new "Natural Mappy" line is born**  
The know-how accumulated by Mappy Italia, combined with a special sensitivity for policies related to environmental protection, allows us to present a range of **technological and environmentally advanced products** which are recyclable and at "zero environmental impact" like the new "Natural Mappy" line designed for the building sector.

# Main goal: Quality at 360°



## Quality Policy

The Quality Policy of MAPPY ITALIA SpA was founded with the dual aim of obtaining a high quality of products and provided services, and the complete satisfaction of all stakeholders, customers, and employees up to the suppliers. For this reason, the Company has a Quality Management System based on the UNI EN ISO 9001:2008 normative.

Aware of the need for an integrated vision of the organization, MAPPY ITALIA's management has established business strategies and formalized the general objectives underlying the organizational, managerial and planning decisions according to this list:

- Improving the image on the market and thus increase number of customers and revenues;
- Satisfying customer expectations by improving continuous quality of products / services provided and the monitoring of feedback on the quality of products / services;
- Achieve greater profitability through more effective cost control and more efficient work procedures;
- Creating a work environment that allows employees to contribute to the achievement of business objectives with satisfaction;
- Compliance with product specifications and compliance with the explicit and implicit commitments to customers;
- Adoption of appropriate and advanced working methods through constant research, and the training and retraining of personnel that hold positions of responsibility;
- Promotion of the use of new technologies and materials;
- Assessment of suppliers' reliability.

MAPPY ITALIA pursues continuous improvement by periodically analyzing the compliance of the entire structure of our Quality Policy. To make the goals measurable and verifiable, the company defines indicators through the Improvement plan and is committed to providing the necessary resources: technical, economic and professional, to ensure that quality objectives are fully achieved.

MAPPY ITALIA also continually strives to adapt its structures and systems to the standards of public health and safety at work, environmental protection and process any personal data held by the laws on confidentiality.

MAPPY ITALIA strives to ensure that the objectives set last year by the Management, are understood and implemented at all organizational levels through the commitment and support of all contributing employees; respective of each employee's area of specialty and responsibility.

## Certified company and certified products for unique results

MAPPY ITALIA offers among its range of products, some of which have the most important and recognized certifications such as the CE marking, MED, reaction to fire and index of smoke certifications as well as thermal and acoustic insulation certifications. All certifications and related technical data are the result of an external qualified laboratory, to which MAPPY ITALIA turns for its tests.



### Partner of choice for exclusive products

MAPPY ITALIA is a member of ANIT (Italian National Association for Thermal and Acoustic Insulation) with whom it collaborates for the training of its technical personnel in order to offer its customers the best insulation solutions for every need.



### The laboratory

MAPPY ITALIA, for over ten years, has had a laboratory to check the quality of its products. The continuous changes in technology, the changing nature of market and customer demands have led business leaders to invest a significant portion of its resources on research and development, expanding and equipping the existing laboratory with highly qualified personnel and a whole new set of instrumentation capable of performing chemical analysis and chemical-physical analysis in addition to well-established mechanical and dimensional analysis.

MAPPY ITALIA also makes use of the support of external certified laboratories and is launching new partnerships with universities and international research groups.

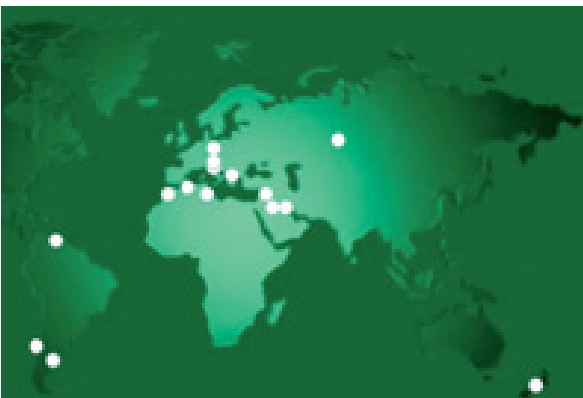


### The Mappy Testing Laboratory Logo

The MAPPY ITALIA laboratory was established in 1999 and was expanded in 2010 with the aim of ensuring a thorough quality control and technical development of products in collaboration with private and international research groups.

The MAPPY ITALIA laboratory has instrumentation capable of performing chemical analysis, chemical-physical and mechanical tests according to the most important international standards.

The Logo "Mappy Testing Laboratory" guarantees the approval of the Control, Research and Development Laboratory of MAPPY ITALIA.



### Where we are in the world: global distribution of MAPPY ITALIA sales network

MAPPY ITALIA produces and distributes its materials in Italy and around the world. The Italian distribution is mainly with MAPPY ITALIA's own brand; the foreign one with brands of large companies and important customers which find in MAPPY ITALIA the quality and practicality of a reliable partner for their business. The service for foreign customers is at 360 degrees because it includes both the technical expertise to provide tailor-made products and, in the case of the DIY line, the counselling and supply of custom packaging for the most varied customer requirements. This service and this flexibility is possible thanks to the support of the Communications and Image Office within the company that provides graphics solutions compatible with the exhibition layout of the customers.

#### MAPPY ITALIA is present in:

Italy, Europe, Switzerland, Russia, Morocco, Algeria, Tunisia, Turkey, Israel, Kuwait, United Arab Emirates, Uruguay, Chile, Venezuela, New Zealand.

**SMOKE INDEX** is an assessment of the danger of fumes from a material in case of fire. European legislation provides a classification from 0 to 3, which means that a material with low smoke class produces less dense and toxic fumes.

**$\alpha_w$  WEIGHTED SOUND ABSORPTION COEFFICIENT** is a number between 0 and 1 which is a characteristic of an acoustic absorption material. The higher the value of  $\alpha_w$ , the better is the soundproof material.

**NOISE REDUCTION COEFFICIENT NRC** is the arithmetic mean of the values of  $\alpha$  at frequencies from 200 to 2000 Hz.

**$\mu$  WATER VAPOUR RESISTANCE COEFFICIENT** is a dimensionless number given by the ratio between air permeability and the material permeability. Permeability is a measure of the ability of a material to transmit water vapor. The higher the value of  $\mu$ , the lower the permeability to water vapor.

**$\lambda$  THERMAL CONDUCTIVITY** is an index of the ability of a material to transmit energy as heat. The value  $\lambda$  does not depend on the geometry of the product but only on its composition. It is measured in W/(mK). On the basis of this parameter materials can be classified in the following classes:

- insulating materials:  $\lambda \leq 0.065$  W/mK;
- weekly insulating materials:  $0.065$  W/mK  $\leq \lambda \leq 0.090$  W/mK;
- non-insulating materials:  $\lambda \geq 0.090$  W/mK;

**DECIBEL** is the sound level unit expressed as 10 times the logarithm of the ratio between squared sound pressure and a squared reference pressure. The sound level is not in a linear form as the human ear is sensitive to sound pressure in a logarithmic way.

**DENSITY** is the ratio between mass and volume of a material. The density is affected by temperature and is measured in kg/m<sup>3</sup>.

**ECHO** is the result of noise that is reflected from a surface. In large indoor places, the noise may "bounce" on the surface several times creating a sense of discomfort and unease. To reduce it, it is enough to cover the walls appropriately with acoustic absorption materials, that will absorb most of the incident energy. The feature of rooms is the reverberation time (the higher, the longer is the echo).

**ACOUSTIC ABSORPTION** is the ability of some materials to absorb sound waves and dissipate noise energy. The sound absorption coefficient  $\alpha_w$  (standard in Europe) and the NRC noise reduction coefficient (standard in America) are the numerical values used for comparing the performance of sound absorption of different materials and to calculate the reverberation time in a specific place.

**ACOUSTIC INSULATION** is the ability of a material or a building structure to reduce noise transmission from one environment to another. The weighted sound reduction index  $R_w$  is the coefficient used to compare the sound insulation of different materials.

**FREQUENCY** is the number of sound vibrations per second measured in Hz.

**$\Delta L_w$  INDEX OF WEIGHTED REDUCTION IN IMPACT SOUND PRESSURE LEVEL** indicates the insulation improvement by floor coating to the footstep noise.

**$R_w$  WEIGHTED SOUND REDUCTION INDEX** is a calculated numerical value that indicates the ability of a material or a building structure to reduce sound transmission.

**REACTION TO FIRE** is an assessment of the participation of a material to combustion. It depends on several factors including the speed of propagation of flame, drip of molten material and the formation of harmful substances. The Italian legislation states the division into classes from 0 (non-combustible material) to 5. According to European law, materials are divided into Euroclasses A1, A2 (incombustibile) up to F with subscript index describing the production of smoke and dripping.

**R THERMAL RESISTANCE** the ability of a material to resist energy transfer as heat. Thermal transmittance U is the reciprocal of thermal resistance. R is equal to  $\text{thick.} / \lambda$ , where thick. is the thickness expressed in meters and  $\lambda$  is the thermal conductivity. R is expressed in m<sup>2</sup>K/W. To achieve the same thermal insulation it is necessary to have the same R and not the same thickness.

**s' DYNAMIC STIFFNESS OF FOOTSTEP SOUND INSULATION MATERIALS** is an index of the elasticity of a material and allows the evaluation of its ability to attenuate vibrations transmission when subjected to a given load. s' depends on the airflow resistance of the material and is expressed in MN/m<sup>3</sup>. The higher the value of the dynamic stiffness, the worst is the acoustic improvement of the screed.

**U THERMAL TRANSMITTANCE** is the heat flow that passes from one fluid to another through a separation structure of a defined thickness, per area unit and per difference in temperature between two fluids. U is expressed in W/m<sup>2</sup>K. Thermal transmittance U is the reciprocal of thermal resistance of a whole structure (the sum of all thermal resistances of the components) and it is equal to  $\lambda / \text{thick.}$ ; where thick is the thickness in meters and  $\lambda$  is the thermal conductivity.



# General legend

## PRODUCT TECHNICAL DATA

### Colours colour reference indicative of the product

■ A = Anthracite	■ N = Black
■ B = White	■ N = Black melange
■ C = Beige	■ P = Lead
■ F = Green	■ R = Red
■ G = Light grey	■ V = Multicoloured
■ L = Blue	■ Y = Yellow
	■ O = Natural color



Green Building product

$s'$  = Dynamic stiffness

$\alpha_w$  = Weighted sound absorption coefficient

$R_w$  = Weighted sound reduction index

$\lambda$  = Thermal conductivity

$\Delta L_w$  = Index of weighted reduction in impact sound pressure level

## ITEMS

While r.m. last = While raw material stocks last

Adhesive on PE = The adhesive is on the polyethylene side

Adhesive on PU = The adhesive is on the polyurethane side

Adhesive on el. mass = The adhesive is on the elastomeric mass side

**W** = Width

**LG** = Length

Thick. = Thickness

**U.M.** = Unit of measurement

**m<sup>q</sup>** = sqm = Square meter

**ml** = lm = Linear meter

No./Pack = Number of items per package

Qty./Pallet = Number of packages per pallet

Pz = items

Colour dis. = Colour and design

Dim. Pack = Dimensions of the package

RLX Diam = Diameter of the roll

**Pack** = Packaging

**SA** = Polybag

**S/P** = Bag-bubble film

**SC** = Carton

**BA** = Pallet and angulars

nr = Number

Minimum = Minimum quantity

**SF** = Bulk (Rolls or reels in boxes or wrapped in brown paper without packaging)

RTS = Ready to send



# 1 Correcting the reverberation

The range of Mappy Italia's products to correct the reverberation: performance comparison

	Thickness	Finish	Weighted sound absorption coefficient $\alpha_w$ (product mounted in adhesion)	Weighted sound absorption coefficient $\alpha_w$ (product mounted at 30 cm from the ceiling)
<b>MAPPYFIBER</b>	40	FLAT	0,70	0,80
	30	CURVED	0,55	0,75
<b>MAPPYFIBER TREVIRA</b>	40	FLAT	0,75	0,85
	30	CURVED	0,70	0,85
<b>MAPPYFIBER WOOL</b>	40	FLAT	0,75	0,85
	30	CURVED	0,65	0,85
<b>MAPPYCUBIC</b>	50 x 50 x 50 cm	FABRIC TREVIRA	Hanging at 50 cm from the ceiling Aeq (m <sup>2</sup> ): 0,30 - 1,43	Hanging at 130 cm from the ceiling Aeq (m <sup>2</sup> ): 0,33 - 1,49
<b>MAPPYSIL BUGNATO AU</b>	50 mm		0,55	
<b>MAPPYSIL PIRAMIDALE AU</b>	100 mm		0,65	
	70 mm		0,55	
	50 mm		0,45	

Data included in the table represent the highest performance solutions that MAPPY ITALIA has selected for you according to current legislation and in line with the highest industry standards. The values are in fact all certified and tested by external laboratories to ensure the highest quality.

## Description

**MAPPYFIBER®** is an acoustic absorption and heat insulation modular panel made of 100% polyester fibers, bearing the CE marking and in Class 1, F1. **MAPPYFIBER®** combines perfectly the aesthetic quality and decorative effect with the highest sound absorption performance. It improves the acoustic comfort and removes sound reverberation in a practical and creative way because **MAPPYFIBER®** panels are available in 28 standard patterns and can be completely customized to the needs of the client (for the minimum order contact our customer service).

**MAPPYFIBER®** is available in a flat or curved version.

## Applications

**MAPPYFIBER®** is excellent for public areas where attention to safety standards require the use of certified products of high quality, including areas where high moisture is present, but without limiting creativity and the need for aesthetics in places such as:

kindergartens, schools, recreation rooms in general, music rooms, recording studios, theaters, cinemas, nightclubs, dance halls, pubs, hospitals, offices, conference centers, hotels, restaurants, cafeterias, gyms, spas, swimming pools, shops and shopping centres.

## Laying

**MAPPYFIBER®** is quick and easy to install. You can install it with standard T24 frames or you may fix the panels directly to the surface with our **MAPPYCOL S45** adhesive (page 96) carefully following the instructions in the table:

	Installation with:		
	T24 frames on ceiling	T24 frames on wall	Mappycol S45 on wall and on ceiling
Mappyyfiber® Flat	OK	OK	NOT RECOMMENDED
Mappyyfiber® Curved	OK	NO	OK

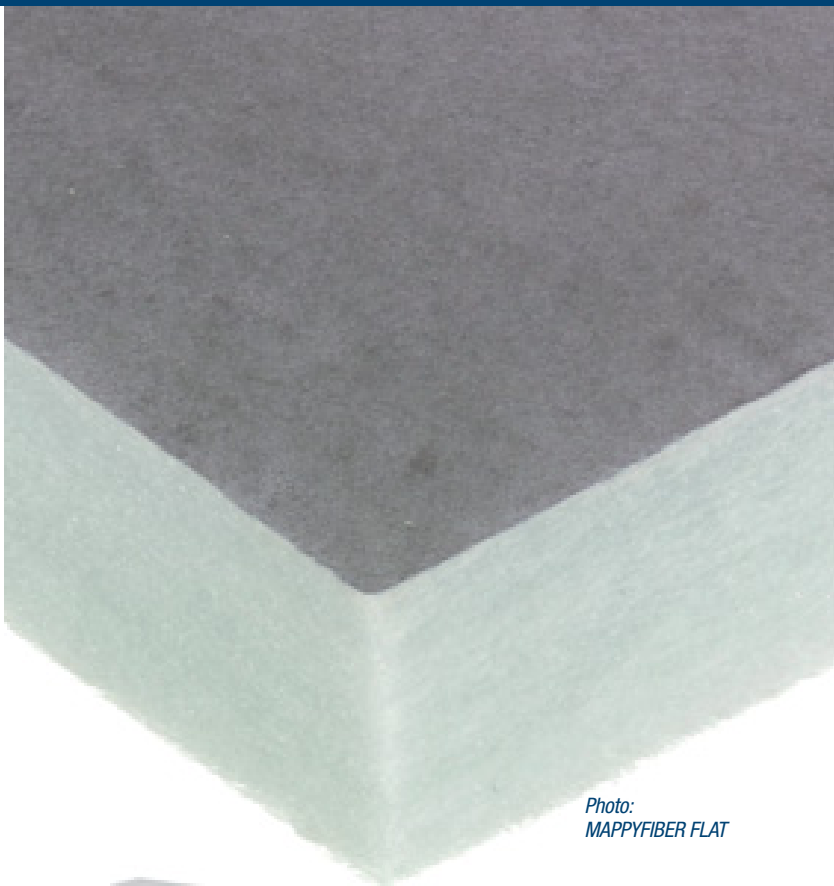
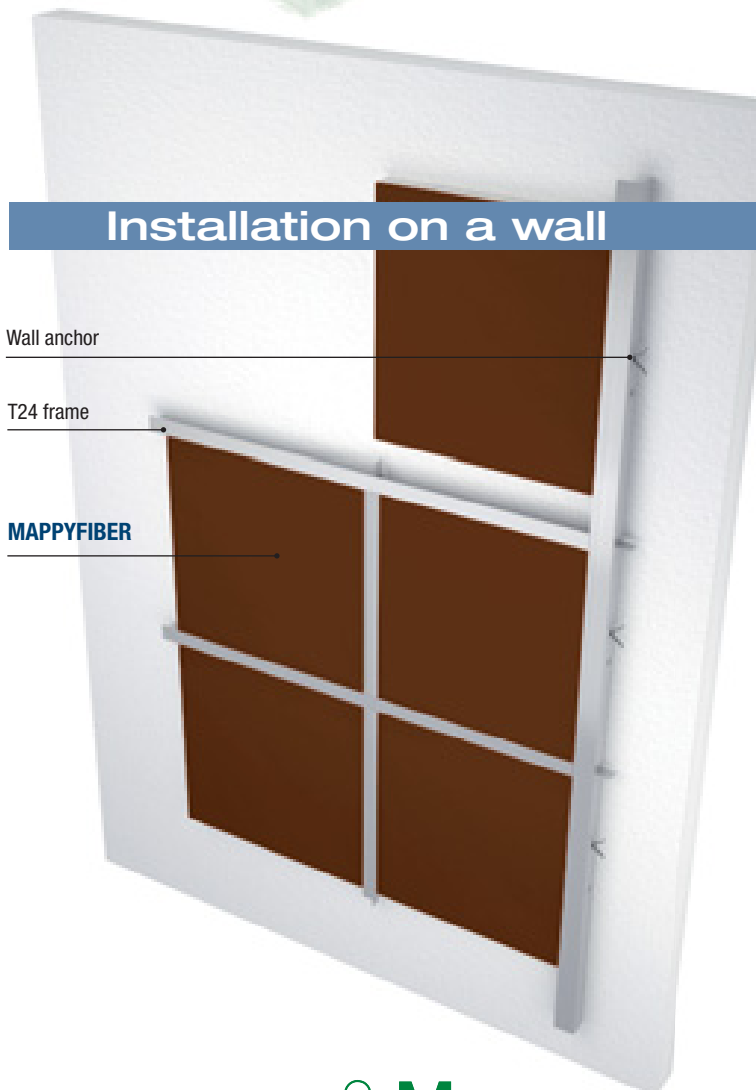


Photo:  
MAPPYFIBER FLAT



### Installation on a wall

Wall anchor

T24 frame

MAPPYFIBER

# MAPPYFIBER

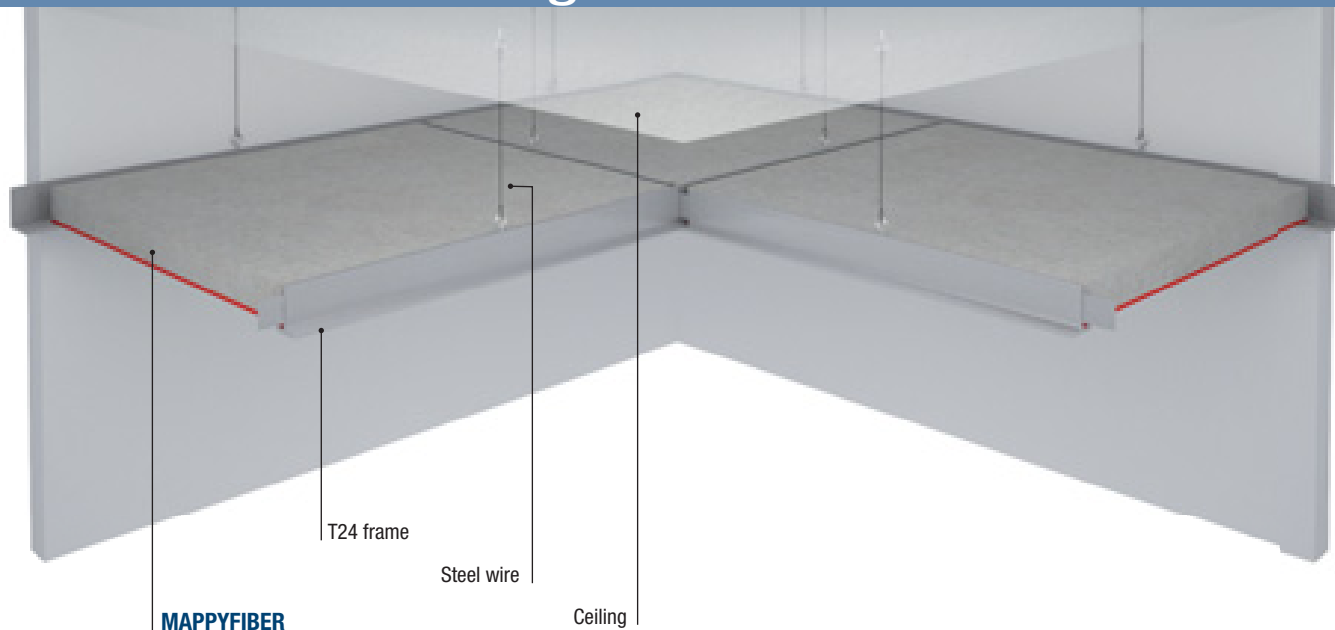


Photo:  
MAPPYFIBER CURVED

	MAPPYFIBER FLAT	MAPPYFIBER CURVED
Colours	See available colours at page 18	
Density	~ 50 kg/m <sup>3</sup>	~ 66 kg/m <sup>3</sup>
Thermal Conductivity $\lambda$	0.0341 W/mK (EN 12667:2001, EN 12664:2001)	
Water vapour resistance coefficient $\mu$	3.34	
Reaction to fire	B s1 d0 (EN 13964:2004) Class 1 (UNI 9177)	
Smoke index	F1 (UNI CEI 11170 – AFNOR NF F16 - 101)	
Acoustic absorption*	thick. 40 mm; in adhesion $\alpha_w = 0,70$ ; NRC = 0,75 thick. 40 mm; 30cm from the ceiling $\alpha_w = 0,80$ ; NRC = 0,75 (UNI EN ISO 354:2003, UNI EN ISO 11654:1998)	thick. 30 mm; in adhesion $\alpha_w = 0,55$ ; NRC = 0,60 thick. 30 mm; 30cm from the ceiling $\alpha_w = 0,75$ ; NRC = 0,75 (UNI EN ISO 354:2003, UNI EN ISO 11654:1998)
Certifications	CE Marking	

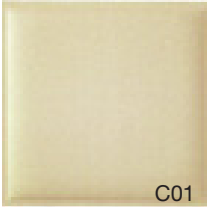
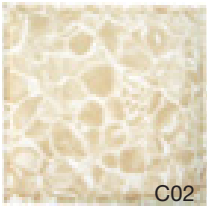

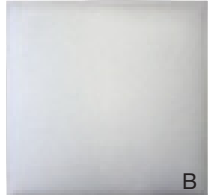

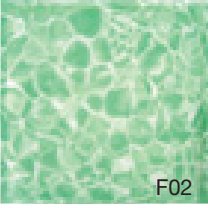

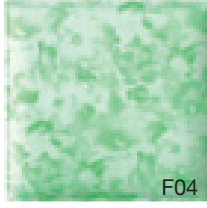
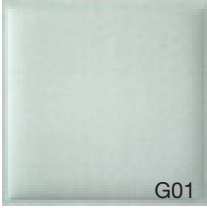


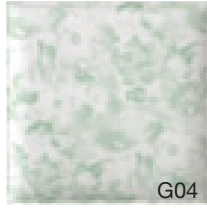

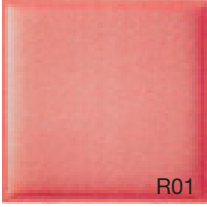


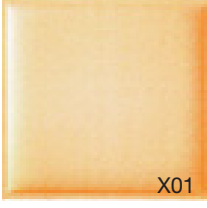
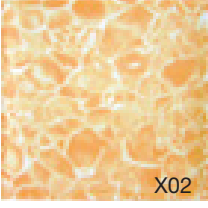






\* The sound absorption coefficients at various frequencies can be downloaded from Mappy Italia's website - [www.mappyitalia.com](http://www.mappyitalia.com)

## Installation on a ceiling



Correcting the reverberation

## Available colours

	SAND TEXTURE EFFECT	WATER TEXTURE EFFECT	DUNE TEXTURE EFFECT	CLOUDS TEXTURE EFFECT	
BEIGE	 C01	 C02	 C03	 C04	 B
GREEN	 F01	 F02	 F03	 F04	WHITE 
PEARL	 G01	 G02	 G03	 G04	MELANGE 
RED	 R01	 R02	 R03	 R04	WOOD 005 
ORANGE	 X01	 X02	 X03	 X04	DARK BLACK
LIGHT BLUE	 Z01	 Z02	 Z03	 Z04	Colours: colour reference indicative of the product.

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
flat version	Z04004005930593005	593	40	0,593	005	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593B	593	40	0,593	B	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593C01	593	40	0,593	C01	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593C02	593	40	0,593	C02	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593C03	593	40	0,593	C03	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593C04	593	40	0,593	C04	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593F01	593	40	0,593	F01	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593F02	593	40	0,593	F02	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593F03	593	40	0,593	F03	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593F04	593	40	0,593	F04	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593G01	593	40	0,593	G01	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593G02	593	40	0,593	G02	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593G03	593	40	0,593	G03	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593G04	593	40	0,593	G04	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593N	593	40	0,593	N	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593NC	593	40	0,593	NC	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593R01	593	40	0,593	R01	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593R02	593	40	0,593	R02	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593R03	593	40	0,593	R03	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593R04	593	40	0,593	R04	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593X01	593	40	0,593	X01	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593X02	593	40	0,593	X02	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593X03	593	40	0,593	X03	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593X04	593	40	0,593	X04	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593Z01	593	40	0,593	Z01	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593Z02	593	40	0,593	Z02	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593Z03	593	40	0,593	Z03	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004005930593Z04	593	40	0,593	Z04	NR	40 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600005	1193	40	0,593	005	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600B	1193	40	0,593	B	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600C01	1193	40	0,593	C01	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600C02	1193	40	0,593	C02	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600C03	1193	40	0,593	C03	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600C04	1193	40	0,593	C04	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600F01	1193	40	0,593	F01	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600F02	1193	40	0,593	F02	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600F03	1193	40	0,593	F03	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600F04	1193	40	0,593	F04	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600G01	1193	40	0,593	G01	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600G02	1193	40	0,593	G02	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600G03	1193	40	0,593	G03	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600G04	1193	40	0,593	G04	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600N	1193	40	0,593	N	NR	20 pz	SC	120X80X63	-		1 pz

Correcting the reverberation

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
flat version	Z04004012000600NC	1193	40	0,593	NC	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600R01	1193	40	0,593	R01	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600R02	1193	40	0,593	R02	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600R03	1193	40	0,593	R03	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600R04	1193	40	0,593	R04	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600X01	1193	40	0,593	X01	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600X02	1193	40	0,593	X02	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600X03	1193	40	0,593	X03	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600X04	1193	40	0,593	X04	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600Z01	1193	40	0,593	Z01	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600Z02	1193	40	0,593	Z02	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600Z03	1193	40	0,593	Z03	NR	20 pz	SC	120X80X63	-		1 pz
flat version	Z04004012000600Z04	1193	40	0,593	Z04	NR	20 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596005	597	30	0,597	005	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596B	597	30	0,597	B	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596C01	597	30	0,597	C01	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596C02	597	30	0,597	C02	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596C03	597	30	0,597	C03	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596C04	597	30	0,597	C04	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596F01	597	30	0,597	F01	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596F02	597	30	0,597	F02	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596F03	597	30	0,597	F03	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596F04	597	30	0,597	F04	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596G01	597	30	0,597	G01	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596G02	597	30	0,597	G02	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596G03	597	30	0,597	G03	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596G04	597	30	0,597	G04	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596N	597	30	0,597	N	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596NC	597	30	0,597	NC	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596R01	597	30	0,597	R01	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596R02	597	30	0,597	R02	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596R03	597	30	0,597	R03	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596R04	597	30	0,597	R04	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596X01	597	30	0,597	X01	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596X02	597	30	0,597	X02	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596X03	597	30	0,597	X03	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596X04	597	30	0,597	X04	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596Z01	597	30	0,597	Z01	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596Z02	597	30	0,597	Z02	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596Z03	597	30	0,597	Z03	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003005960596Z04	597	30	0,597	Z04	NR	42 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600005	1197	30	0,597	005	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600B	1197	30	0,597	B	NR	21 pz	SC	120X80X63	-		1 pz



## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
curved version	Z08003012000600C01	1197	30	0,597	C01	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600C02	1197	30	0,597	C02	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600C03	1197	30	0,597	C03	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600C04	1197	30	0,597	C04	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600F01	1197	30	0,597	F01	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600F02	1197	30	0,597	F02	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600F03	1197	30	0,597	F03	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600F04	1197	30	0,597	F04	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600G01	1197	30	0,597	G01	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600G02	1197	30	0,597	G02	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600G03	1197	30	0,597	G03	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600G04	1197	30	0,597	G04	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600N	1197	30	0,597	N	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600NC	1197	30	0,597	NC	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600R01	1197	30	0,597	R01	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600R02	1197	30	0,597	R02	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600R03	1197	30	0,597	R03	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600R04	1197	30	0,597	R04	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600X01	1197	30	0,597	X01	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600X02	1197	30	0,597	X02	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600X03	1197	30	0,597	X03	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600X04	1197	30	0,597	X04	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600Z01	1197	30	0,597	Z01	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600Z02	1197	30	0,597	Z02	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600Z03	1197	30	0,597	Z03	NR	21 pz	SC	120X80X63	-		1 pz
curved version	Z08003012000600Z04	1197	30	0,597	Z04	NR	21 pz	SC	120X80X63	-		1 pz

# MAPPYFIBER TREVIRA

High performance.  
Coated with elegant  
customizable fabric  
EXCLUSIVE PATENTED PRODUCT!

## Description

**MAPPYFIBER TREVIRA®** is the new acoustic absorption and heat insulation modular panel bearing the CE marking and in Class 1, F1. It is made of 100% polyester fibers coated with **Trevira fabric** which gives an elegance of finish and can also be used as a design element. **MAPPYFIBER TREVIRA®** combines perfectly the aesthetic quality and decorative effect with the highest sound absorption performance. It improves the acoustic comfort and removes sound reverberation in a practical and creative way because **MAPPYFIBER TREVIRA®** panels can be completely customized to the needs of the client (for the minimum order contact our customer service). **MAPPYFIBER TREVIRA®** is **washable** and is available in a flat or curved version.

## Applications

**MAPPYFIBER TREVIRA®** is excellent for public areas where attention to safety standards require the use of certified products of high quality, but without limiting creativity and the need for aesthetics in places such as: kindergartens, schools, recreation rooms in general, music rooms, recording studios, theaters, cinemas, nightclubs, dance halls, pubs, hospitals, offices, conference centres, hotels, restaurants, cafeterias, gyms, spas, swimming pools, shops, and shopping malls.

## Laying

**MAPPYFIBER TREVIRA®** is quick and easy to install. You can install it with standard T24 frames or you may fix the panels directly to the surface with our **MAPPYCOL S45** adhesive (page 96) carefully following the instructions in the table:

	Installation with:		
	T24 frames on ceiling	T24 frames on wall	Mappycol S45 on wall and on ceiling
Mappyfiber Trevira® Flat	OK	OK	NOT RECOMMENDED
Mappyfiber Trevira® Curved	OK	NO	OK

Find the installation instructions for **MAPPYFIBER TREVIRA FLAT** and **MAPPYFIBER TREVIRA CURVED** at page 12

## Cleaning and maintenance

The surface of **MAPPYFIBER®** is easy and fast to clean with a vacuum cleaner or a soft damp cloth. For a more hygienic and deep cleaning you can use a steam cleaner up to 100°C, passing by quickly and without drenching the panel. We advise against using detergents.



Photo:  
MAPPYFIBER TREVIRA FLAT

	MAPPYFIBER TREVIRA FLAT	MAPPYFIBER TREVIRA CURVED
Colours	On request	
Density	~ 50 kg/m <sup>3</sup>	~ 66 kg/m <sup>3</sup>
Thermal Conductivity $\lambda$	0.0341 W/mK (EN 12667:2001, EN 12664:2001)	
Water vapour resistance coefficient $\mu$	3.34	
Reaction to fire	B s1 d0 (EN 13964:2004) Class 1 (UNI 9177)	
Smoke index	F1 (UNI CEI 11170 – AFNOR NF F16 - 101)	
Acoustic absorption*	thick. 40 mm in adhesion $\alpha_w = 0,75$ ; NRC = 0,85 thick. 40 mm; 30cm from the ceiling $\alpha_w = 0,85$ ; NRC = 0,80 (UNI EN ISO 354:2003, UNI EN ISO 11654:1998)	thick. 30 mm in adhesion $\alpha_w = 0,70$ ; NRC = 0,80 thick. 30 mm; 30cm from the ceiling $\alpha_w = 0,85$ ; NRC = 0,85 (UNI EN ISO 354:2003, UNI EN ISO 11654:1998)
Certifications	CE Marking	

\* The sound absorption coefficients at various frequencies can be downloaded from Mappy Italia's website - [www.mappyitalia.com](http://www.mappyitalia.com)

Photo:  
MAPPYFIBER TREVIRA CURVED

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
flat version	Z14004005930593B	593	40	0,593	B	nr	40 pz	SC	120X80X63	-		80 pz
flat version	Z14004012000600B	1193	40	0,593	B	nr	20 pz	SC	120X80X63	-		40 pz
curved version	Z12003005960596B	597	30	0,597	B	nr	42 pz	SC	120X80X63	-		80 pz
curved version	Z12003012000600B	1197	30	0,597	B	nr	21 pz	SC	120X80X63	-		40 pz

# MAPPYFIBER WOOL

Elegant and exclusive: coated "with Nature" with 100% pure virgin wool.  
EXCLUSIVE PATENTED PRODUCT!

## Description

**MAPPYFIBER WOOL®** is a new modular panel created to make acoustic absorption and thermal insulating drop ceilings composed of polyester fibers and coated with a 100% pure virgin wool fabric which provides an elegant finish and it can be used as design element. **MAPPYFIBER WOOL®** is a product that combines superior technical features with the elegance of a high finish. **MAPPYFIBER WOOL®** improves the acoustic comfort and eliminates acoustic reverberation in a practical and creative way. The panels of **MAPPYFIBER WOOL®** can be completely customized to the needs of the client (for the minimum order contact our customer service). **MAPPYFIBER WOOL®** is available in a flat or curved version.

\* Produced by Orsa Srl

## Applications

**MAPPYFIBER WOOL®** is excellent for public areas where attention to safety standards require the use of certified products of high quality and respect for nature, but without limiting creativity and the need for aesthetics in places such as: kindergartens, schools, recreation rooms in general, music rooms, recording studios, theaters, cinemas, nightclubs, dance halls, pubs, hospitals, offices, conference centers, hotels, restaurants, cafeterias, gyms, shops, and shopping malls.

## Laying

**MAPPYFIBER WOOL®** is quick and easy to install. You can install it with standard T24 frames or you may fix the panels directly to the surface with our **MAPPYCOL S45** adhesive (page 96) carefully following the instructions in the table:

	Installation with:		
	T24 frames on ceiling	T24 frames on wall	Mappycol S45 on wall and on ceiling
Mappfiber Wool® Flat	OK	OK	NOT RECOMMENDED
Mappfiber Wool® Curved	OK	NO	OK

Find the installation instructions for **MAPPYFIBER WOOL FLAT** and **MAPPYFIBER WOOL CURVED** at page 12



Photo: MAPPYFIBER WOOL FLAT

MAPPYFIBER WOOL is a product of the new "MAPPY NATURALE - GREEN BUILDING PRODUCTS" line. Request a brochure or ask for info at our Customer Service!



	MAPPYFIBER WOOL FLAT	MAPPYFIBER WOOL CURVED
<b>Colours</b>	On request	
<b>Density</b>	~ 50 kg/m <sup>3</sup>	~ 66 kg/m <sup>3</sup>
<b>Thermal Conductivity <math>\lambda</math></b>	0.0341 W/mK (EN 12667:2001, EN 12664:2001)	
<b>Acoustic absorption*</b>	thick. 40 mm; in adhesion $\alpha_w = 0,75$ ; NRC = 0,85 thick. 40 mm; 30cm from the ceiling $\alpha_w = 0,85$ ; NRC = 0,80 (UNI EN ISO 354:2003, UNI EN ISO 11654:1998)	thick. 30 mm; in adhesion $\alpha_w = 0,65$ ; NRC = 0,75 thick. 30 mm; 30cm from the ceiling $\alpha_w = 0,85$ ; NRC = 0,80 (UNI EN ISO 354:2003, UNI EN ISO 11654:1998)

\*The sound absorption coefficients at various frequencies can be downloaded from Mappy Italia's website - [www.mappyitalia.com](http://www.mappyitalia.com)

Photo:  
MAPPYFIBER WOOL CURVED

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
flat version	Z160040059305930	593	40	0,593	0	nr	40 pz	SC	120X80X63	-		80 pz
flat version	Z160030120006000	1193	40	0,593	0	nr	20 pz	SC	120X80X63	-		40 pz
curved version	Z100030059605960	597	30	0,597	0	nr	42 pz	SC	120X80X63	-		80 pz
curved version	Z100030120006000	1197	30	0,597	0	nr	21 pz	SC	120X80X63	-		40 pz

## Description

**MAPPYCUBIC®** is an acoustic absorption cube made in size 50x50x50cm and has been developed to greatly reduce reverberation in large spaces. It is distinguished by its very nature of 6 sound absorption faces that provide a high acoustic correction power.

**MAPPYCUBIC®** is fully coated with elegant Trevira fabric in fire reaction Class 1 and can be customized upon request. A kit is provided, which includes a hook for hanging it on.

## Applications

**MAPPYCUBIC®** is excellent for any reverberant space where there is need for a highly powerful and quick to install product. In fact for the application, it is enough to have a suspension from the ceiling with steel hangers and the hook provided in the kit. It is therefore suitable for new construction areas as well as those already finished where it is required to have a rapid and clean installation without losing the aesthetic decoration.

**MAPPYCUBIC®** is excellent when used in rooms with high ceilings such as kindergartens, schools, recreation rooms in general, theaters, cinemas, nightclubs, dance halls, pubs, hospitals, conference centers, hotels, cafeterias, gymnasiums, warehouses, factories, swimming pools, shopping malls etc.

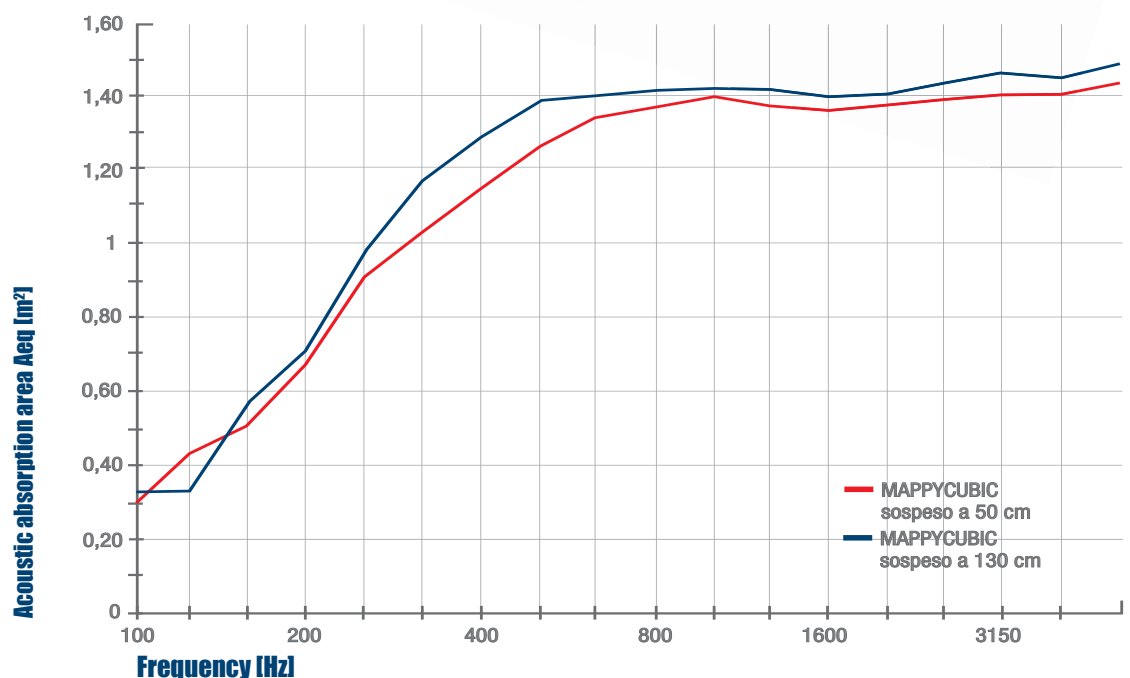
## Laying

For the laying of **MAPPYCUBIC®** it is necessary to apply a rawlplug at the ceiling with a hanging power of around 25kg, this must be connected through a steel dropper of the same support capacity to the hook of **MAPPYCUBIC®** supplied in the kit.



## Acoustic data

FREQ.(Hz)	Aeq 50 cm	Aeq 130 cm
100	0,30	0,33
125	0,43	0,33
160	0,51	0,57
200	0,67	0,71
250	0,91	0,98
315	1,03	1,16
400	1,14	1,29
500	1,26	1,39
630	1,34	1,40
800	1,37	1,42
1000	1,40	1,42
1250	1,37	1,42
1600	1,36	1,40
2000	1,37	1,41
2500	1,39	1,44
3150	1,40	1,46
4000	1,40	1,45
5000	1,43	1,49



**FIBRE**

**Colour**

On request

**Acoustic absorption**

Hanging at 50 cm from the ceiling  
 $A_{eq}=0,30-1,43$   
 Hanging at 130 cm from the ceiling  
 $A_{eq}=0,33-1,49$   
 (UNI EN ISO 354:2003,  
 UNI EN ISO 11654:1998)



Photo:  
 an example of  
 installation

**Items**

Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
Z42005005000500R	500	500	0,5	R	nr	1 pz	S/P	50x50x50	-		10 pz

## Description

**MAPPYSIL BUGNATO AU** is a sound-absorbing panel made of a flexible, self-extinguishing, non-drip, polyurethane foam. The surface is available in two textured designs: **design 1** "egg box" (standard colors: gray, red, blue, yellow) and **design 3** "prism" (standard gray color). You can customize the product with other colors on request respecting the minimum amounts of production.\*

**MAPPYSIL BUGNATO AU** is also available in an adhesive version with water-based acrylic glue, to support the installer in the laying phase. \*(For all versions there is no guarantee of color uniformity)

## Applications

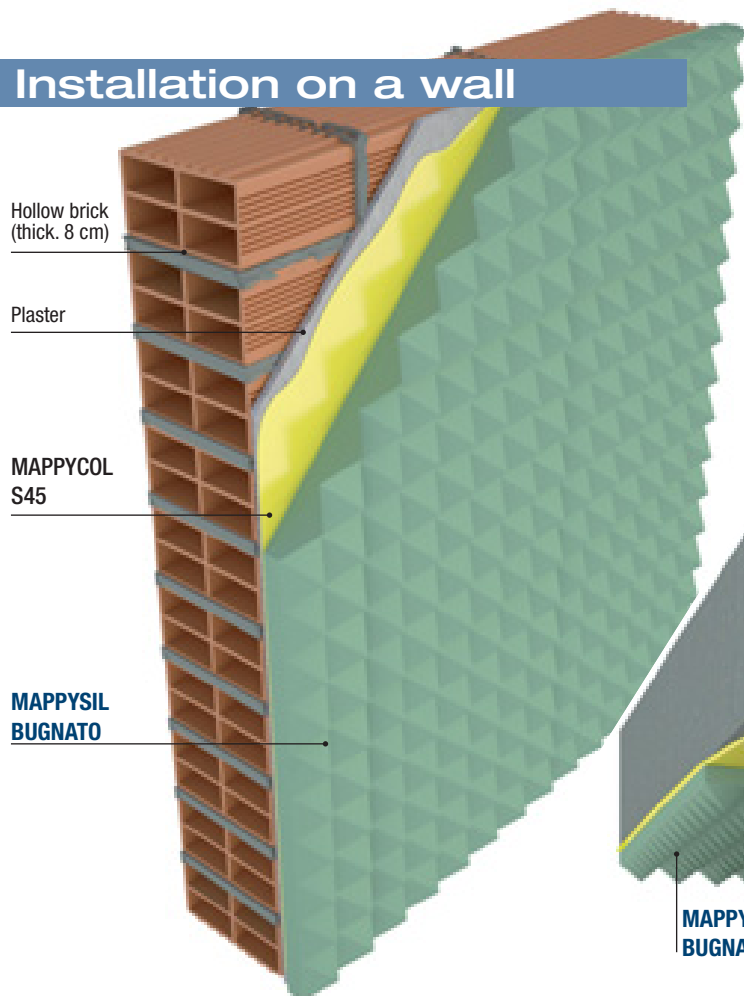
**MAPPYSIL BUGNATO AU** is ideal for correcting the reverberation time of technical environments, such as: boiler room, machine room for air handling, engine lifts and general industrial premises as well as air channels, shooting ranges, cabin noise; it is also suitable for musical environments such as: recording studios, music rehearsal rooms, control rooms and television.

## Laying

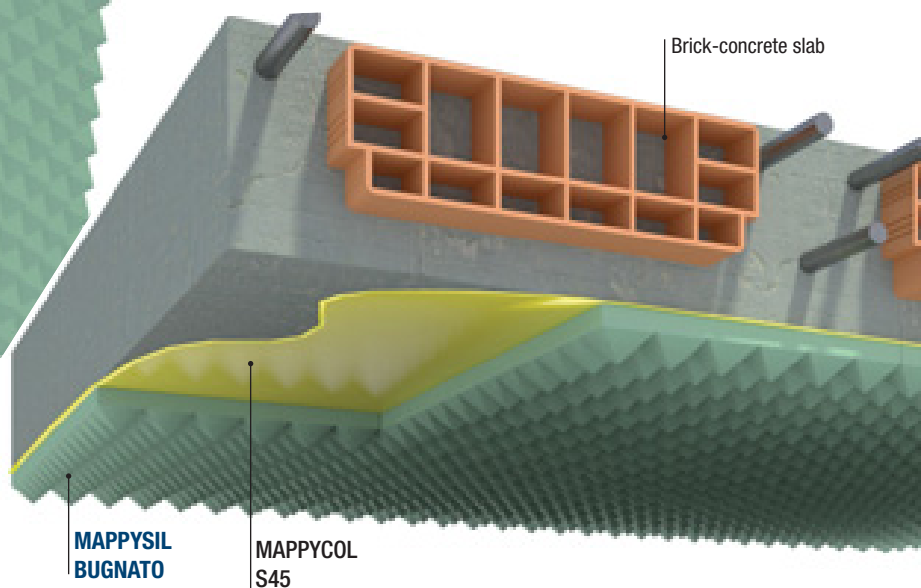
**MAPPYSIL BUGNATO AU** can be installed exposed, at wall or ceiling with the use of special glue **MAPPYCOL S45** (page 96) for fixing the product following the instructions: clean the surface, spread **MAPPYCOL S45** (page 96) on the surface and on the panel (double coating), considering a yield of about 300 g/m<sup>2</sup>, apply the panel with a little pressure.



## Installation on a wall



## Installation on a ceiling





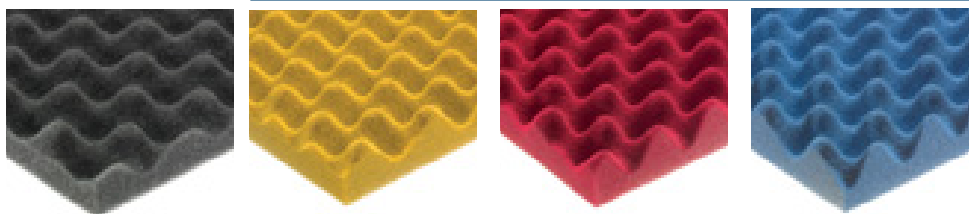
## RESIN

Colour	■ (DIS.3 e DIS.1) ■ ■ ■ (DIS.1)
Density	~ 30 kg/m <sup>3</sup> (±10%)
Thermal conductivity λ	~ 0,035 W/mK
Reaction to fire	HF1 (UL94) FMVSS 302 Compliant (Coloured version)
Acoustic absorption*	thick. 50 mm; α <sub>w</sub> =0,55; NRC =0,56 (UNI EN 20354:1993)

\* The sound absorption coefficients at various frequencies can be downloaded from Mappy Italia's website - [www.mappyitalia.com](http://www.mappyitalia.com)

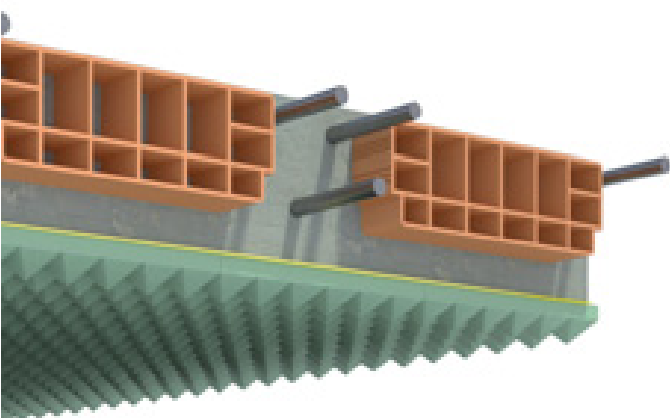
Available in design 1 "egg box" in the following colours

Ral colours



## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
dis.1 - coloured	E02003005000500L	500	30	0,5	L	nr	20 pz	S/P	44,5x53x53	16 packs	x	20 pz
dis.1 - coloured	E02003005000500Y	500	30	0,5	Y	nr	20 pz	S/P	44,5x53x53	16 packs	x	20 pz
dis.1 - coloured	E02003005000500R	500	30	0,5	R	nr	20 pz	S/P	44,5x53x53	16 packs	x	20 pz
dis.3	E04003020001000A	2000	30	1	A	mq	32 mq	S/P	200x100x37	6 packs	x	32 mq
dis.3	E04004020001000A	2000	40	1	A	mq	24 mq	S/P	200x100x37	6 packs	x	24 mq
dis.3	E04005020001000A	2000	50	1	A	mq	20 mq	S/P	200x100x37	6 packs	x	20 mq
dis.3 - adhesive	E03003020001000A	2000	30	1	A	mq	32 mq	S/P	200x100x37	6 packs	x	32 mq
dis.3 - adhesive	E03004020001000A	2000	40	1	A	mq	24 mq	S/P	200x100x37	6 packs	x	24 mq
dis.3 - adhesive	E03005020001000A	2000	50	1	A	mq	20 mq	S/P	200x100x37	6 packs	x	20 mq



# MAPPYSIL PIRAMIDALE AU

For those who care about the aesthetics of appearance

## Description

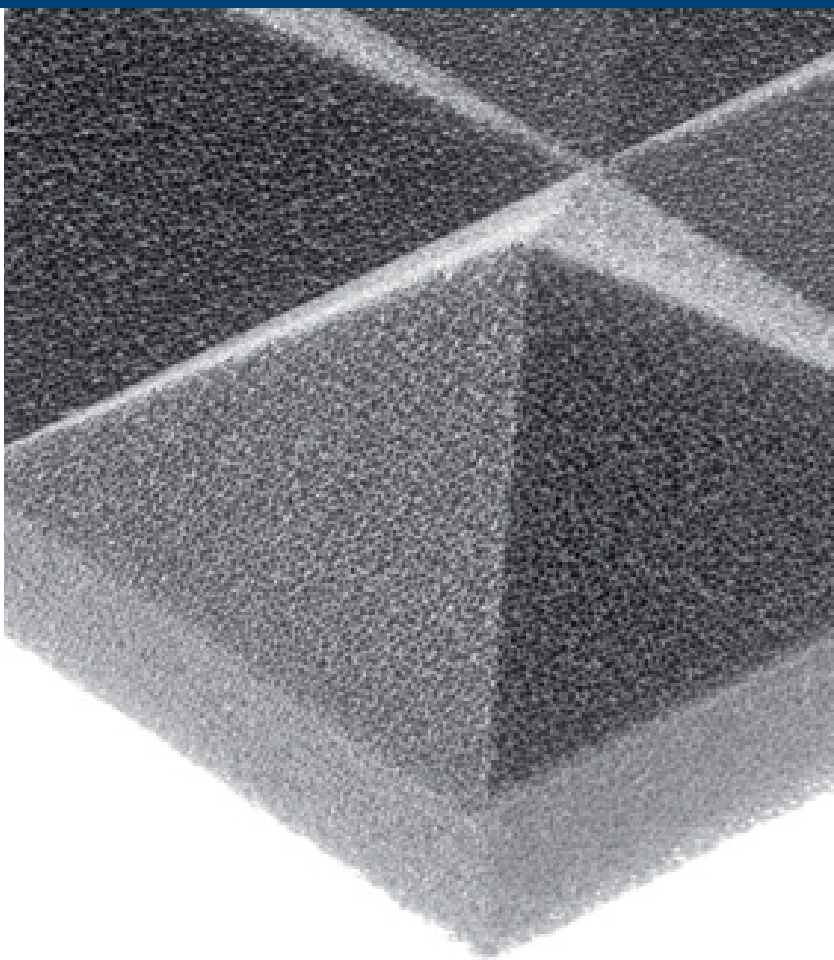
**MAPPYSIL PIRAMIDALE AU** is a sound-absorbing panel made of a flexible, self-extinguishing, non-drip, polyurethane foam. Its surface is profiled in a pyramidal shape. **MAPPYSIL PIRAMIDALE AU** is available in an anthracite colour, and also coloured in white, red, yellow and blue. You can customize the product with other colours on request respecting the minimum amounts of production. It is also available in an adhesive version with water-based acrylic glue, to support the installer in the laying phase. For all versions there is no guarantee of color uniformity.

## Applications

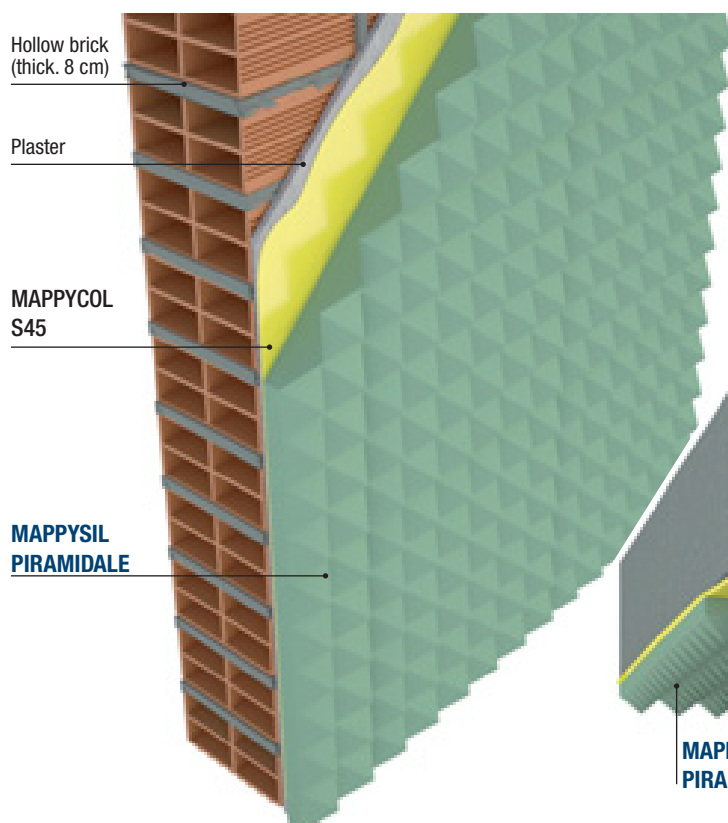
**MAPPYSIL PIRAMIDALE AU** due to its performances and for the particular pyramid shape that distinguishes it, fits perfectly into any space for public use such as: nurseries, schools, recreation rooms in general, music rooms, recording studios, theaters, cinemas, nightclubs, dance halls, pubs, hospitals, offices, conference centers, hotels, restaurants, cafeterias, gyms, shops, malls, etc.

## Laying

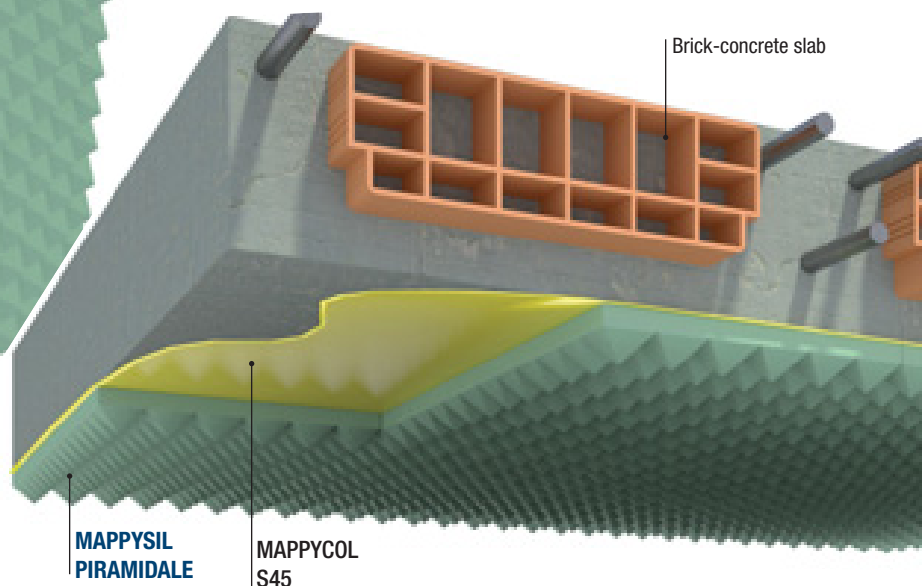
**MAPPYSIL PIRAMIDALE AU** can be installed exposed, at wall or ceiling with the use of special glue **MAPPYCOL S45** (page 96) for fixing the product following the instructions: clean the surface, spread **MAPPYCOL S45** (page 96) on the surface and on the panel (double coating), considering a yield of about 300 g/m<sup>2</sup>, apply the panel with a little pressure.

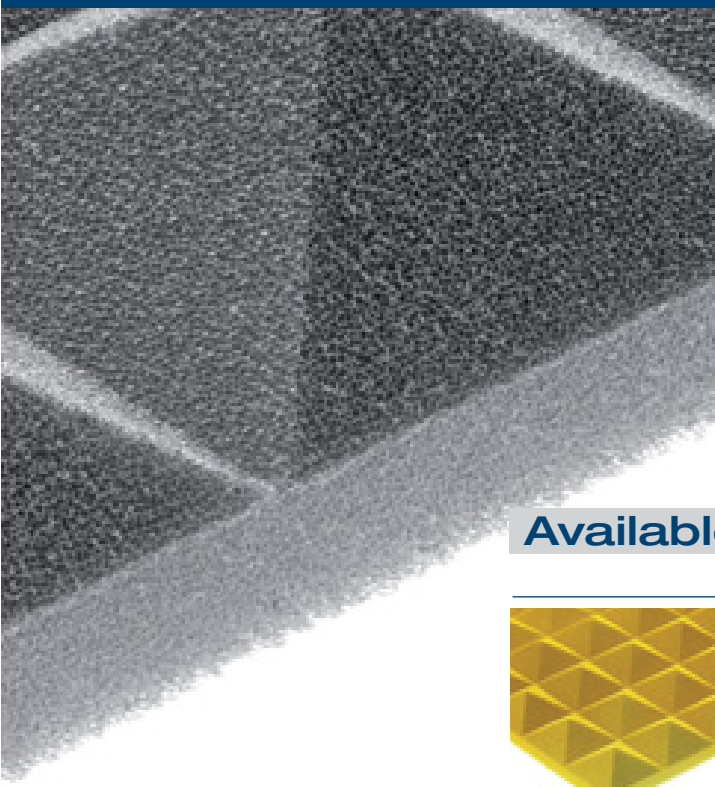


## Installation on a wall



## Installation on a ceiling

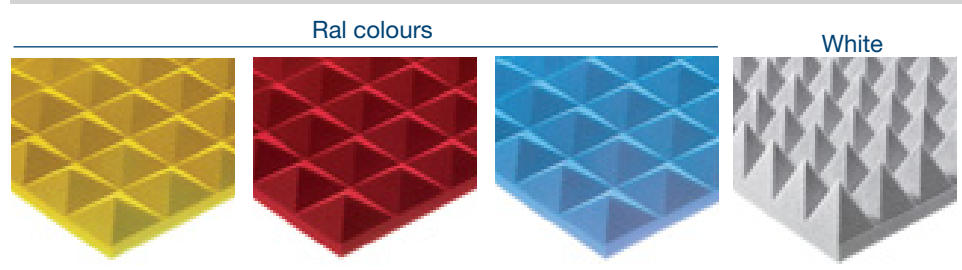




RESIN	
Colour	
Density	~ 30 kg/m <sup>3</sup> (±10%)
Thermal conductivity λ	~ 0,035 W/mK
Reaction to fire	HF1 (UL94)
Acoustic absorption*	thick. 100 mm; α <sub>w</sub> = 0,65; NRC = 0,56 thick. 70 mm; α <sub>w</sub> = 0,55; NRC = 0,51 thick. 50 mm; α <sub>w</sub> = 0,45; NRC = 0,48 (UNI EN 20354:1993)

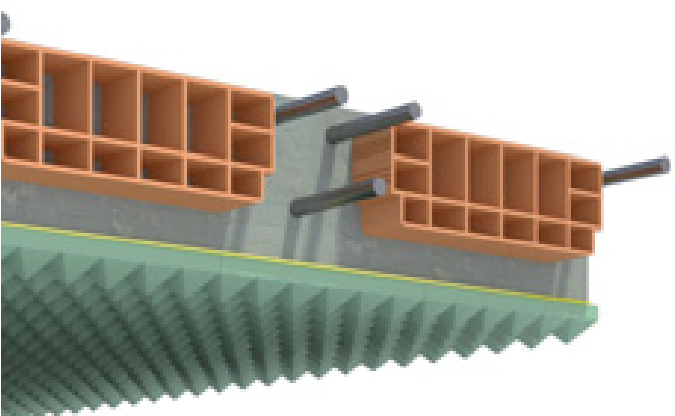
\* The sound absorption coefficients at various frequencies can be downloaded from Mappy Italia's website - [www.mappyitalia.com](http://www.mappyitalia.com)

### Available colours



### Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
<b>BASE 60X60 mm</b>												
	E34005005000500L	500	50	0,5	L	nr	20 pz	S/P	70x53x53	12 packs	x	20 pz
	E34005005000500Y	500	50	0,5	Y	nr	20 pz	S/P	70x53x53	12 packs	x	20 pz
	E34005005000500R	500	50	0,5	R	nr	20 pz	S/P	70x53x53	12 packs	x	20 pz
	E34005010001000A	1000	50	1	A	mq	18 mq	SC	68x107x107		x	18 mq
	E34005010001000B	1000	50	1	B	mq	18 mq	SC	68x107x107		x	18 mq
Adhesive	E33005010001000A	1000	50	1	A	mq	18 mq	SC	68x107x107		x	18 mq
Adhesive	E33005010001000B	1000	50	1	B	mq	18 mq	SC	68x107x107			18 mq
<b>BASE 50X50 mm</b>												
	E32007010001000A	1000	70	1	A	mq	14 mq	SC	68x107x107		x	14 mq
Adhesive	E31007010001000A	1000	70	1	A	mq	14 mq	SC	68x107x107		x	14 mq



Correcting the reverberation



# 2 Wall insulation

The range of Mappy Italia's products to insulate the walls:  
performance comparison

STARTING STRUCTURE: PLASTER (thick 1,5 cm) + HOLLOW BRICKS (thick 8 cm) + PLASTER (thick 1,5 cm) + MAPPY ITALIA'S PRODUCT INSIDE THE CAVITY WALL	PARTITION WALLS:			Ideal for new building	Ideal for renovations
	1 partition wall ~ 11kg/m <sup>2</sup> (db)	2 partition walls ~ 11kg/m <sup>2</sup> each (db)	hollow brick (thick 12 cm) + plaster (thick 1,5 cm) (db)		
MAPPYSIL CR 400	56		56	●	●
DUMP CR 400	58	59			●
MAPPYSILENT	52	56			●
SILSONIC				●	●
ISOL SILSONIC BRT 400	56		56	●	●
MAPPYSIL CR RE				●	●

Data included in the table represent the highest performance solutions that MAPPY ITALIA has chosen, according to current legislation and in line with the highest industry standards. The values are in fact all certified and tested by external laboratories to ensure the highest quality

# Wall insulation

## Description

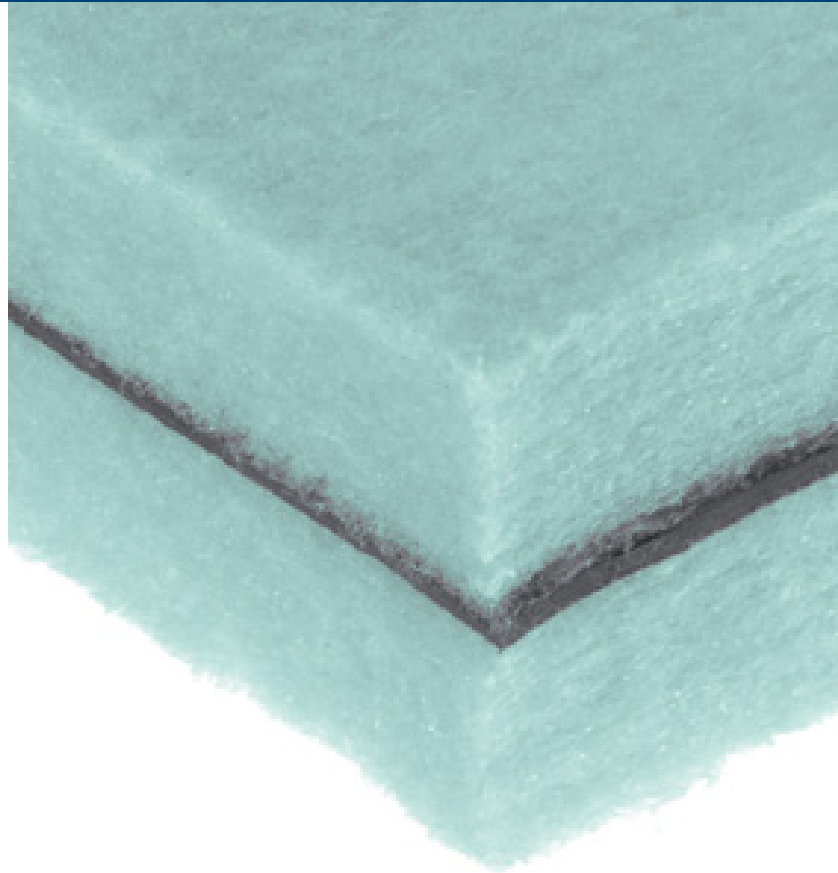
**MAPPYSIL CR 400** is an acoustic and thermal insulation panel composed of two layers of CLASS 1/F1 polyester fibers and in between there is an elastomeric high density barrier (EPDM). **MAPPYSIL CR 400** is also available in an adhesive version with water-based acrylic glue, to support the installer in the laying phase.

## Applications

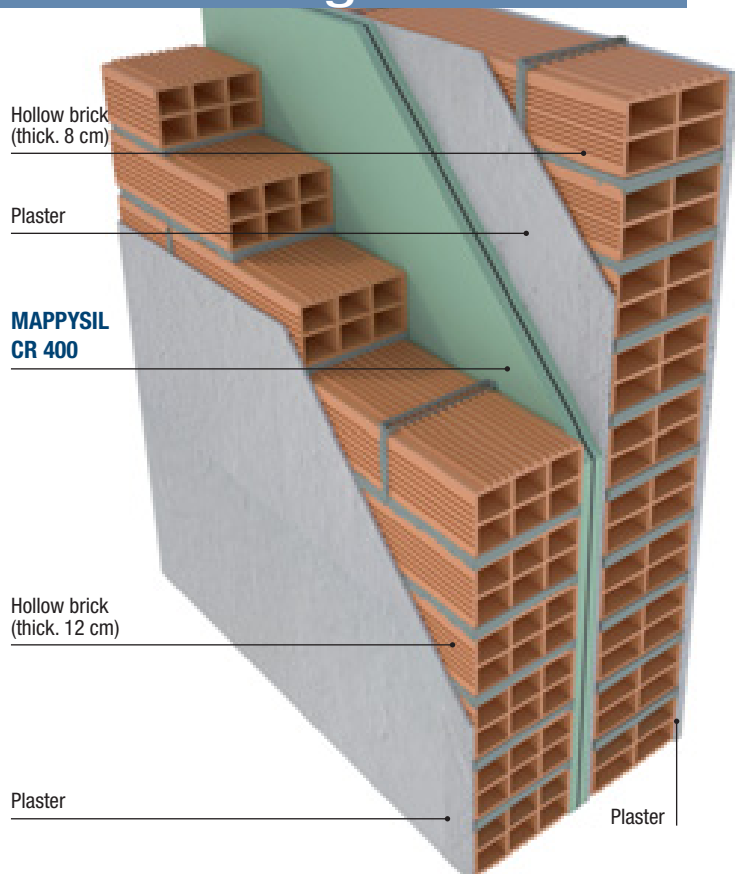
**MAPPYSIL CR 400** is ideal for a thermoacoustic insulation of walls and ceilings using a single panel that can be easily inserted within masonry cavity walls or within the studs of drywalls (plaster, wood, magnesium) and placed right on drop ceilings.

## Laying

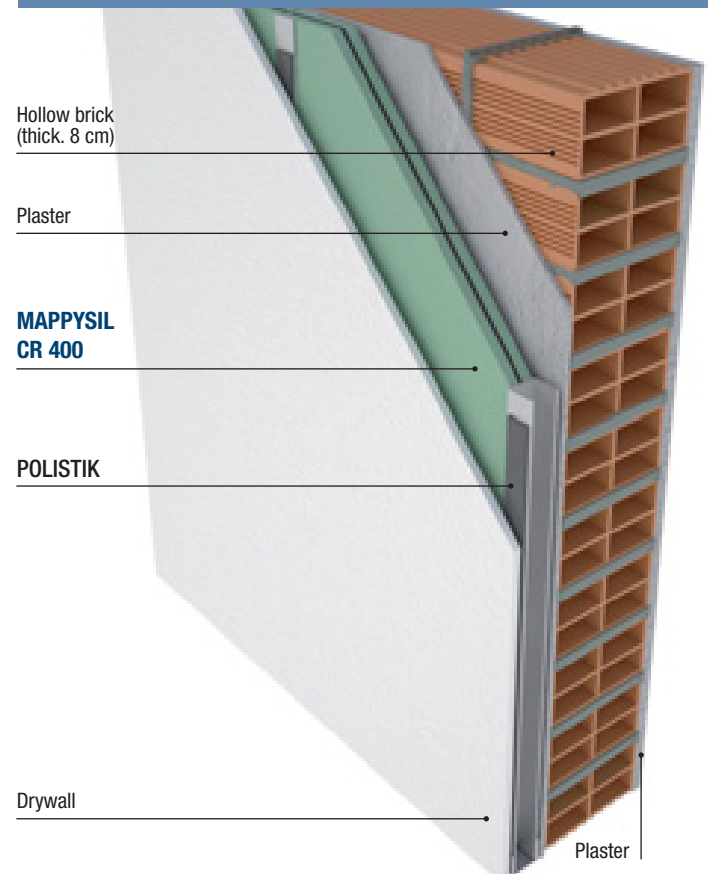
For application inside cavity walls, we recommend the use of special glue **MAPPYCOL S45** (page 96), or polypropylene rawlplugs. To prevent sound bridges, on horizontal and vertical joints between adjacent panels please apply **MAPPYTAPE TXT** adhesive (page 98). In case of application within dry walls it is recommended the laying of **MAPPYSIL CR 400** inside the studs of the wall or use adhesive **MAPPYSIL CR 400** in order to avoid the use of glues. Within drop ceilings lean the product against the internal surface. **MAPPYSIL CR 400** can be cut using a cutter.



## New building



## Renovations



FIBRE	
Colour *	■
Density	~ 40 kg/m <sup>3</sup>
Thermal Conductivity $\lambda$	0.0341 W/mK (EN 12667:2001, EN 12664:2001)
Reaction to fire	B s1 d0 (EN 13501-1:2007) Class 1 (UNI 9177:1087)
Smoke index	F1 (NF F 16-101:1988)

ELASTOMERIC MASS	
Colour	■
Weight	~ 4 kg/m <sup>2</sup>
Reaction to fire	It does not spread fire (ISO 3795) EUROCLASS E (EN 13501)
Certifications	CE Marking

MAPPYSIL CR 400	
Acoustic insulation	Rw = 56 db ** (UNI EN ISO 140-3:2006, UNI EN ISO 717-1:1997) Rw = 56 db *** (UNI EN ISO 140-3:2006, UNI EN ISO 717-1:1997)

\* The color is indicative of the material, it may vary depending on the availability of raw materials. We absolutely guarantee the same technical characteristics and performance of the product.

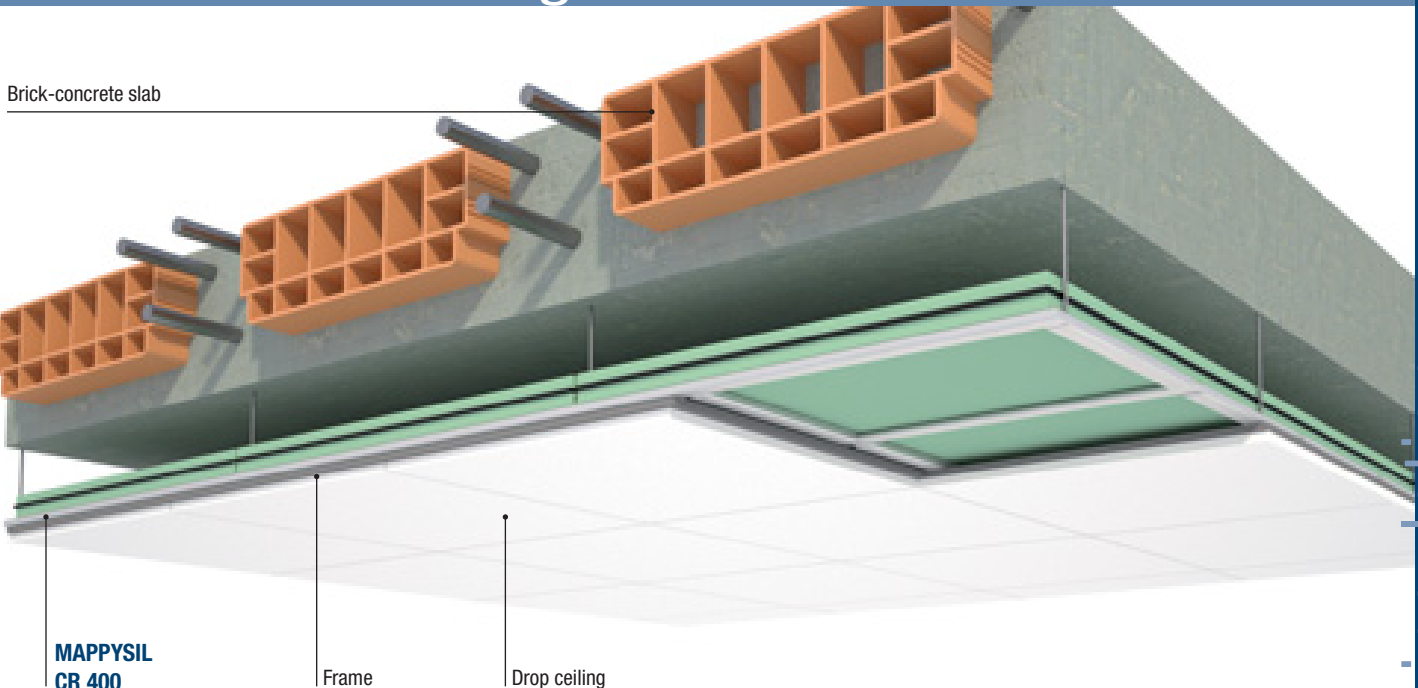
\*\* Plaster (thick 1,5 cm) + hollow bricks (thick 8 cm) + plaster (thick 1,5 cm) + cavity wall (thick 3 cm) filled with Mappysil CR 400 (thick 3 cm) + hollow bricks (thick 12 cm) + plaster (thick 1,5 cm)

\*\*\* Plaster (thick 1,5 cm) + hollow bricks (thick 8 cm) + plaster (thick 1,5 cm) + cavity wall: drywall stud (thick 5 cm) + Mappysil CR 400 (thick 3 cm) + drywall (thick 1,25 cm, weight 11kg/m<sup>2</sup>)

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
	Y82003012001000BXC	1200	30	1	F	mq	30 mq	BA	115x115x95	30 mq	x	30 mq
Adhesive	Y81003012001000BXC	1200	30	1	F	mq	30 mq	BA	115x115x95	30 mq		100 mq

## Installation on a ceiling



# DUMP CR 400

High acoustic insulation  
for double walls

## Description

**DUMP CR 400** is an acoustic and thermal insulation panel composed of a layer of CLASS 1/F1 polyester fibers coupled with an elastomeric high density barrier (EPDM). **DUMP CR 400** is also available in an adhesive version with water-based acrylic glue, to support the installer in the laying phase.

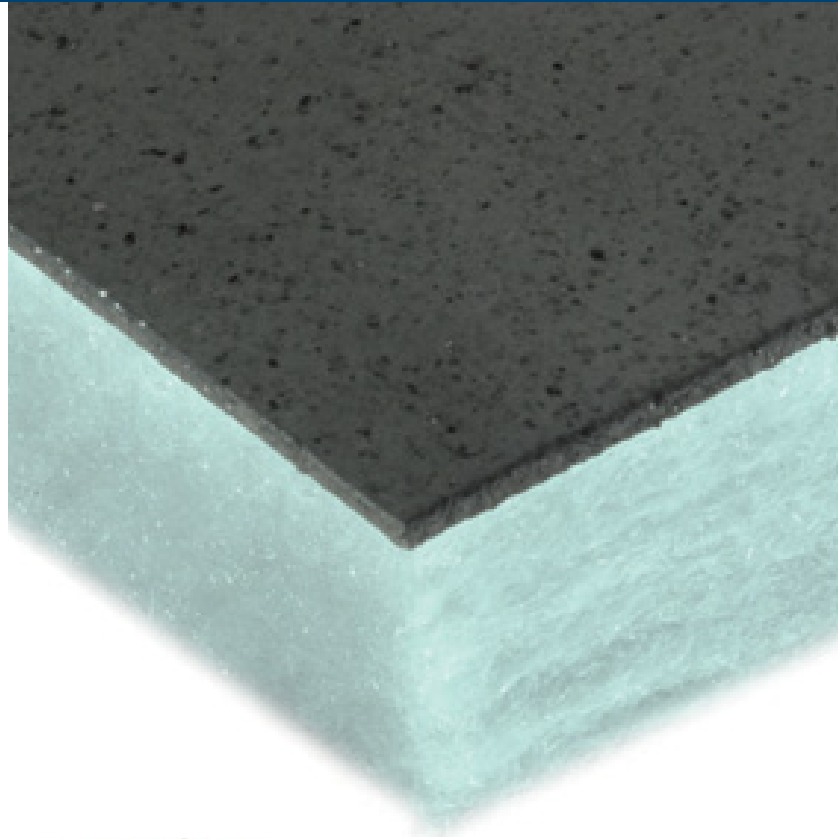
## Applications

**DUMP CR 400** is ideal for a thermoacoustic insulation of walls and ceilings using a single panel that can be easily inserted within the studs of drywalls (plaster, wood, magnesium) and placed right against the drop ceilings.

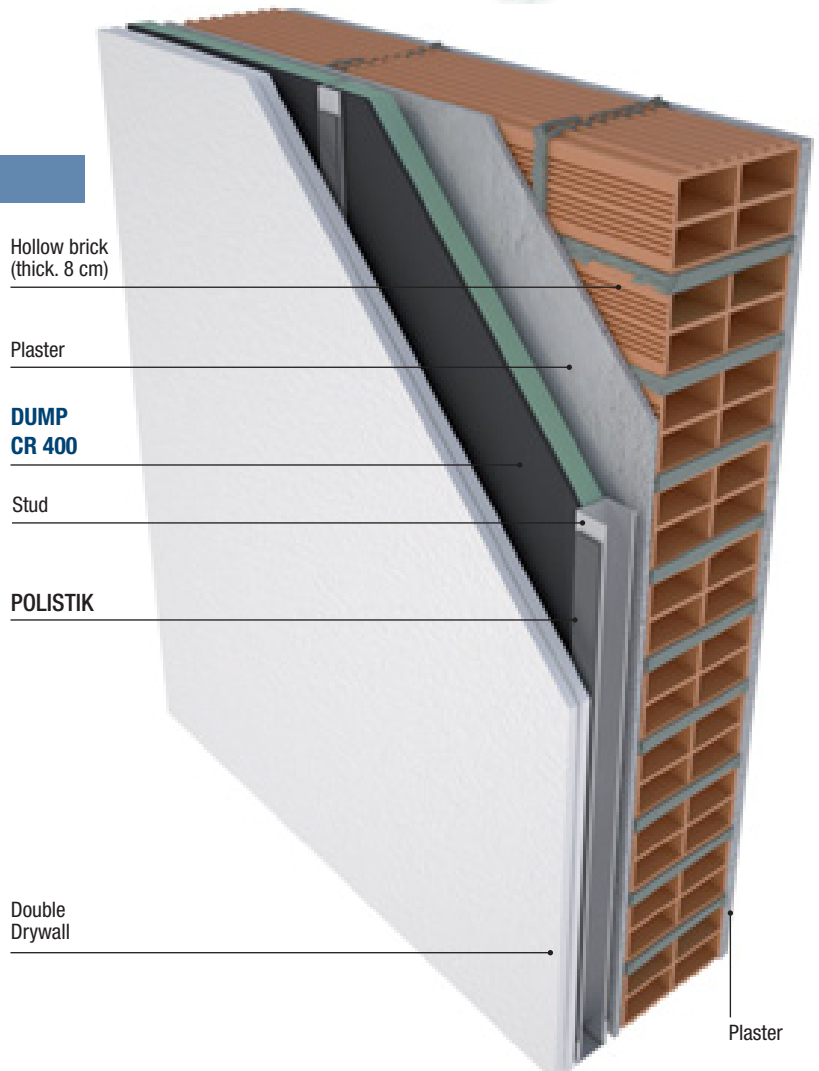
## Laying

For the application within dry walls, we recommend to place the product inside the wall studs and to tape horizontal seams between adjacent panels with **MAPPYTAPE TXT adhesive** (page 98) to avoid possible acoustic bridges. If you use a thickness less than that of the stud, we recommend the use of our **MAPPYCOL S45** adhesive (page 96) as support to the wall, for example using an insulator thickness of 30 mm with a 50mm stud. Within drop ceilings lean the product against the internal surface.



**DUMP CR 400** can be cut using a cutter.



## Renovations





<b>FIBRE</b>	
Colour *	
Density	~ 40 kg/m <sup>3</sup>
Reaction to fire	B s1 d0 (EN 13501-1:2007) Class 1 (UNI 9177:1087)
Smoke index	F1 (NF F 16-101:1988)
<b>ELASTOMERIC MASS</b>	
Colour	
Weight	~ 4 kg/m <sup>2</sup>
Reaction to fire	It does not spread fire (ISO 3795) EUROCLASS E (EN 13501)
Certifications	CE Marking
<b>DUMP CR 400</b>	

<b>Acoustic insulation</b>	Rw = 58 db ** (UNI EN ISO 140-3:2006)
	Rw = 59 db *** (UNI EN ISO 140-3:2006)

\* The color is indicative of the material, it may vary depending on the availability of raw materials. We absolutely guarantee the same technical characteristics and performance of the product.

\*\* Plaster (thick 1,5 cm) + hollow bricks (thick 8 cm) + plaster (thick 1,5 cm) + cavity wall: drywall stud (thick 5 cm) + dump CR 400 (thick 3 cm) + drywall (thick 1,25 cm, weight 11kg/m<sup>2</sup>)

\*\*\* Plaster (thick 1,5 cm) + hollow bricks (thick 8 cm) + plaster (thick 1,5 cm) + cavity wall: drywall stud (thick 5 cm) + dump CR 400 (thick 3 cm) + double drywall (thick 1,25 cm, weight 11kg/m<sup>2</sup> each)

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
	V04003006001000BXC	600	30	1	F	mq	30 mq	BA	120x80x95	30 mq		100 mq
Adhesive	V03003006001000BXC	600	30	1	F	mq	30 mq	BA	120x80x95	30 mq		100 mq

# MAPPYSILENT

## Description

**MAPPYSILENT** is an acoustic insulation material consisting of an elastomeric high density barrier (EPDM), with the addition of minerals fillers that give it a high weight, specifically designed as a non-toxic alternative to lead plate. **MAPPYSILENT** does not contain bitumen and lead and it is also available in an adhesive version with hot-melt glue, to support the installer in the laying phase.

## Applications

**MAPPYSILENT** is ideal in all cases where a sound impedance material between adjacent rooms is required; it can be easily coupled to sheets for drywall (plasterboard, wood, magnesium) to increase the acoustic performance and be used on either walls or ceilings. Since it is made of elastic material it can be used in an adhesive version as damping and vibration for use on metal sheets.

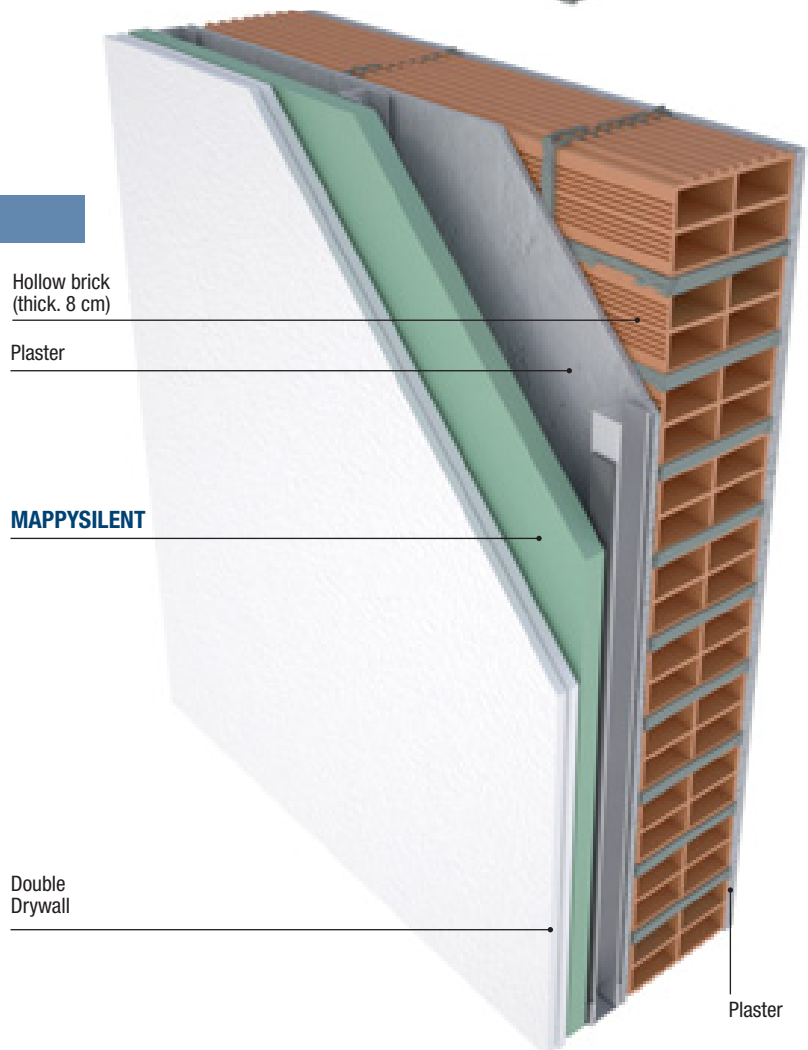
## Laying

To reduce installation time, we recommend the use of the adhesive version as it is sufficient to remove the silicone film and attach the material to the surface; alternatively we recommend the use of our special **MAPPYCOL S45** glue (page 96). For application to concrete and masonry we advise the use of polypropylene rawlplugs.

**MAPPYSILENT** can easily be cut or shaped using a cutter.



## Renovations



**ELASTOMERIC MASS**

<b>Colour</b>	■
<b>Weight</b>	~ 4 kg/m <sup>2</sup>
<b>Reaction to fire</b>	It does not spread fire (ISO 3795) EUROCLASS E (EN 13501)
<b>Acoustic insulation</b>	Rw = 52 db * (UNI EN ISO 140-3:2006) Rw = 56 db **
<b>Certifications</b>	CE Marking

\* Plaster (thick 1,5 cm) + hollow bricks (thick 8 cm) + plaster (thick 1,5 cm) + cavity wall: drywall stud (thick 5 cm) + Mappysilent (thick 2 mm) + drywall (thick 1,25 cm, weight 11kg/m<sup>2</sup>)

\*\*\* Plaster (thick 1,5 cm) + hollow bricks (thick 8 cm) + plaster (thick 1,5 cm) + cavity wall: drywall stud (thick 5 cm) + Mappysilent (thick 2 mm) + double drywall (thick 1,25 cm, weight 11kg/m<sup>2</sup> each)

**Items**

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
	G0200041000G010	1000	2	10	G	mq	150 mq	BA	120x80x90	150 mq	x	10 mq
	G0200041000G010	rolls diameter 18 cm										
	G02000412001000G	1200	2	1	G	mq	1 sheet	BA	120x120x45	125 sheets	x	1 sheet
Adhesive	G01H00412001000G	1200	2	1	G	mq	1 sheet	BA	120x120x45	125 sheets	x	1 sheet

## Description

**SILSONIC** is an acoustic absorption and thermal insulation panel composed of 100% thermo-linked and regenerated polyester fibers. **SILSONIC** is rot-proof, resistant to mold, bacteria and rodents, it is hypoallergenic (unlike other fibers it does not cause any problem with direct contact with the skin), does not degrade over time, is recyclable and is therefore an environmentally friendly product. **SILSONIC** is a certified CLASS 1/F1 product and can be covered with special protective films to make it resistant to oil and water, with aluminum or fabric in class 0 for fire protection.

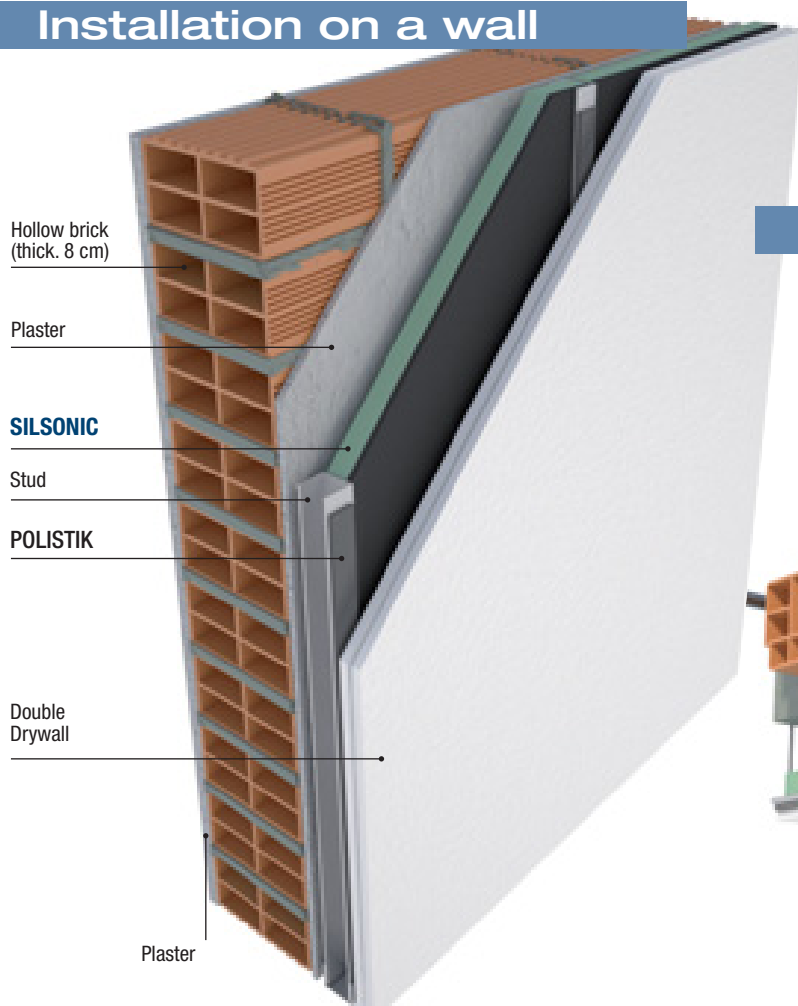
## Applications

**SILSONIC** can be placed exposed to view; restoring correction features of reverberation times of rooms, including rooms with presence of humidity and it is ideal for thermal and acoustic insulation in gaps by placing it within the partitions of double walls in brick or plasterboard, fixed on false ceilings, for coverings and roofings.

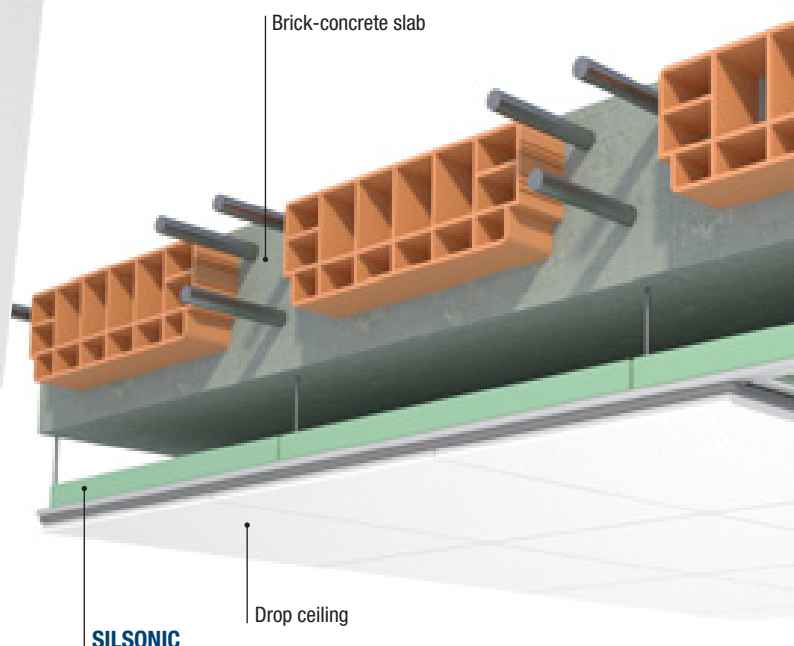
## Laying

For exposure to view laying, place on wall or ceiling by use of our special **MAPPYCOL S45** glue (page 96). To prevent sound bridges and as support for drop ceilings, application within the cavities must be sealed with **MAPPYTAPE TXT** adhesive (page 98). **SILSONIC** can also be cut or shaped using a cutter.

## Installation on a wall



## Installation on a ceiling

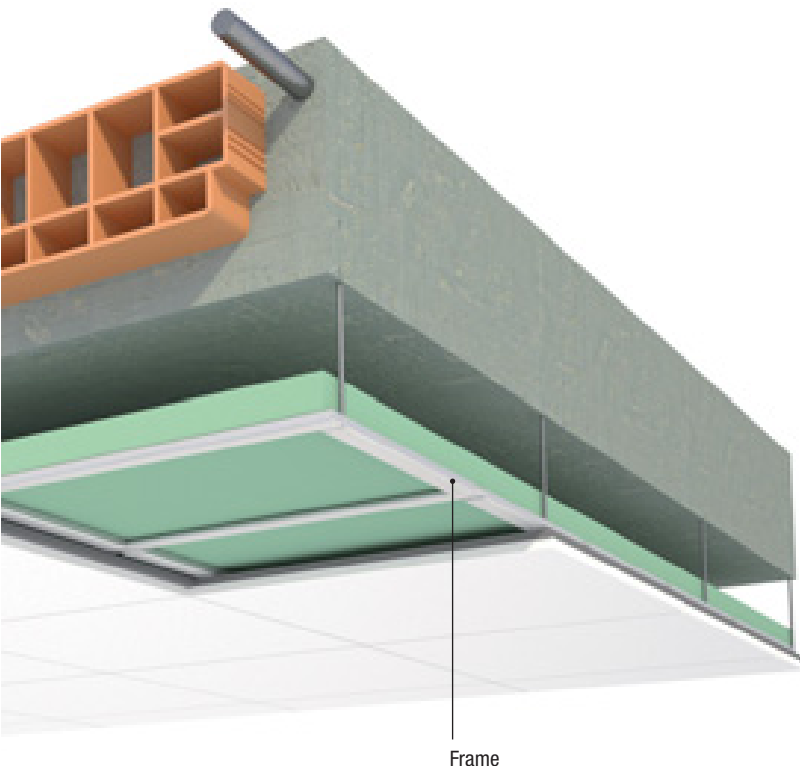


**FIBRE**Colour \* Density ~ 20/40 kg/m<sup>3</sup>Thermal Conductivity  $\lambda$  0.0341 W/mK  
(EN 12667:2001, EN 12664:2001)Reaction to fire B s1 d0 (EN 13501-1:2007)  
Class 1 (UNI 9177:1087)

Smoke index F1 (NF F 16-101:1988)

Acoustic absorption Thick. 40 mm  $\alpha_w = 0,65$   
(UNI EN ISO 354:2003, UNI EN ISO 11654:1998)\* The color is indicative of the material, it may vary depending on the availability of raw materials.  
We absolutely guarantee the same technical characteristics and performance of the product.**Items**

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
20 kg/m <sup>3</sup>	H08004012000600F	1200	40	0,6	F	nr.	10 pz	S/P	120x60x40	-	x	10 pz
20 kg/m <sup>3</sup>	H08006012000600F	1200	60	0,6	F	nr.	7 pz	S/P	120x60x42	-	x	7 pz
40 kg/m <sup>3</sup>	H04002020001000F	2000	20	1	F	mq	20 mq	S/P	200x100x40	-	x	20 mq
40 kg/m <sup>3</sup>	H04003020001000F	2000	30	1	F	mq	20 mq	S/P	200x100x60	-	x	20 mq
40 kg/m <sup>3</sup>	H04004020001000F	2000	40	1	F	mq	20 mq	S/P	200x100x80	-	x	20 mq
40 kg/m <sup>3</sup>	H04005020001000F	2000	50	1	F	mq	20 mq	S/P	200x100x100	-	x	20 mq
40 kg/m <sup>3</sup> · while supplies last	H04002020001000B	2000	20	1	B	mq	20 mq	S/P	200x100x40	-	x	20 mq
40 kg/m <sup>3</sup> · while supplies last	H04003020001000B	2000	30	1	B	mq	20 mq	S/P	200x100x60	-	x	20 mq
40 kg/m <sup>3</sup> · while supplies last	H04004020001000B	2000	40	1	B	mq	20 mq	S/P	200x100x80	-	x	20 mq
40 kg/m <sup>3</sup> · while supplies last	H04005020001000B	2000	50	1	B	mq	20 mq	S/P	200x100x100	-	x	20 mq



## Description

**ISOL SILSONIC BRT 400** is an acoustic and thermal insulation panel and is composed of two layers of polyester fibers in CLASSE1/F1 and in between there is a class 1 elastomeric high density barrier. **ISOL SILSONIC BRT 400** is also available in an adhesive version with water-based acrylic glue, to support the installer in the laying phase.

## Applications

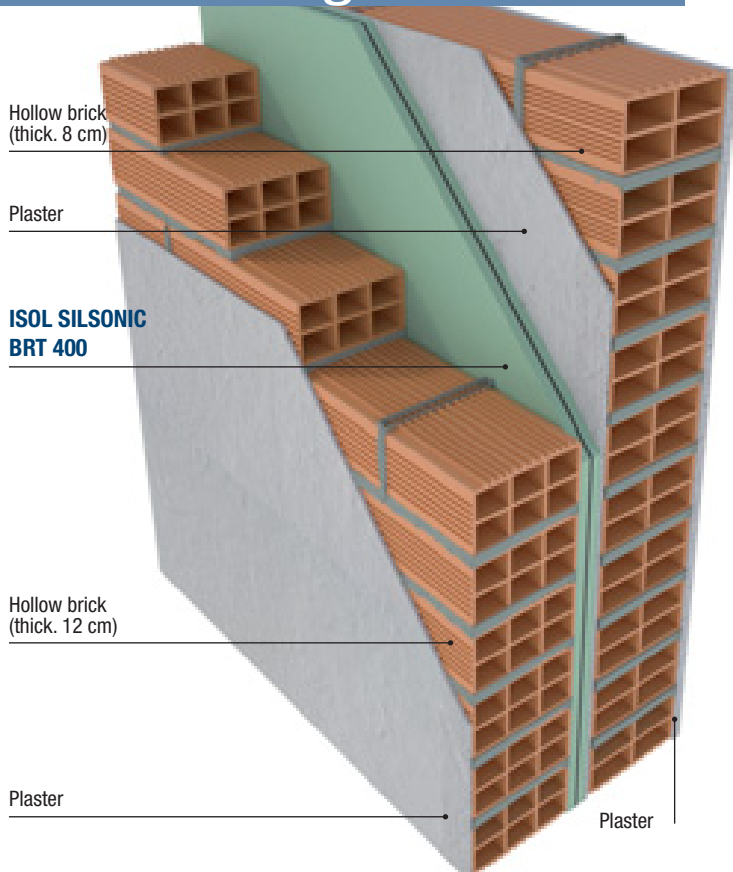
**ISOL SILSONIC BRT 400** is ideal for a thermoacoustic insulation of walls and ceilings using a single panel, it is particularly suitable where there is need for an insulating material in reaction to fire class 1 without losing the high acoustic and thermal insulation performance. **ISOL SILSONIC BRT 400** can be easily inserted within masonry cavity walls or within the studs of drywalls (plaster, wood, magnesium) and placed right against the drop ceilings.

## Laying

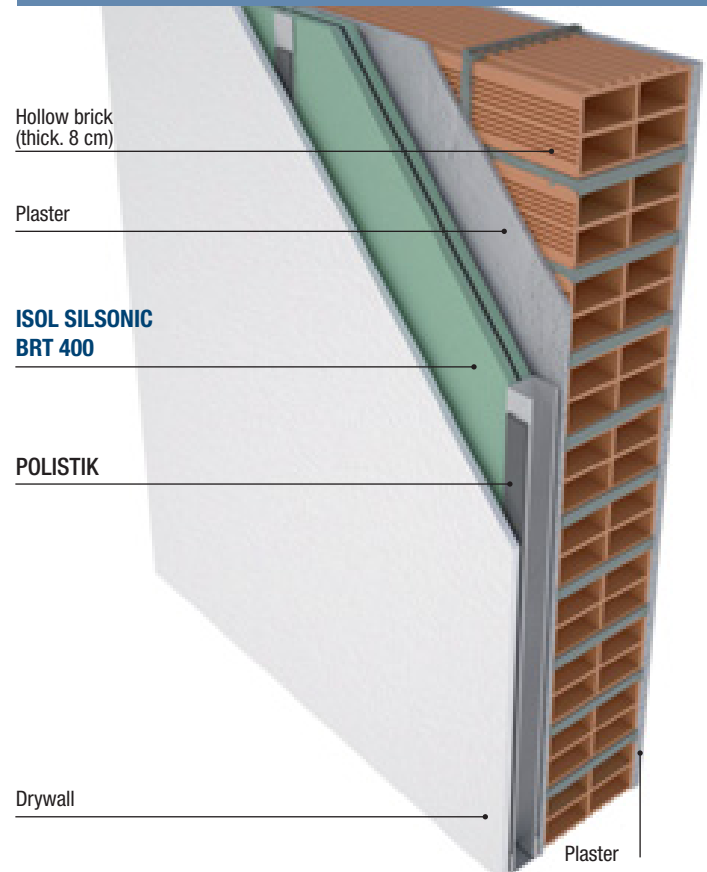
For the application in gaps use our special **MAPPYCOL S45** glue (page 96) and tape horizontal and vertical seams between adjacent panels with **MAPPYTAPE TXT** adhesive (page 98) to avoid possible acoustic bridges. For application inside drywalls it is recommended the laying of **ISOL SILSONIC BRT 400** inside the studs of the wall or to avoid the use of glues, apply the adhesive version of **ISOL SILSONIC BRT 400**. Within drop ceilings lean the product against the internal surface. **ISOL SILSONIC BRT 400** can be cut using a cutter.



## New building



## Renovations



FIBRE	
Colour *	■
Density	~ 40 kg/m <sup>3</sup>
Reaction to fire	B s1 d0 (EN 13501-1:2007) Class 1 (UNI 9177:1087)
Smoke index	F1 (NF F 16-101:1988)

ELASTOMERIC MASS	
Colour	□
Weight	~ 4 kg/m <sup>2</sup>
Thermal Conductivity $\lambda$	0.021 W/mK (EN 12667:2001, EN 12664:2001)
Reaction to fire	Class 1 (UNI 9177)
Smoke index	F1 (AFNOR NF F16-101)
Certification	timoncino a low flame propagation (MED, 96/98/CE)

ISOL SILSONIC BRT 400	
Acoustic absorption	Rw = 56 db ** (UNI EN ISO 140-3:2006, UNI EN ISO 717-1:1997) Rw = 56 db *** (UNI EN ISO 140-3:2006, UNI EN ISO 717-1:1997)

\* The color is indicative of the material, it may vary depending on the availability of raw materials. We absolutely guarantee the same technical characteristics and performance of the product.

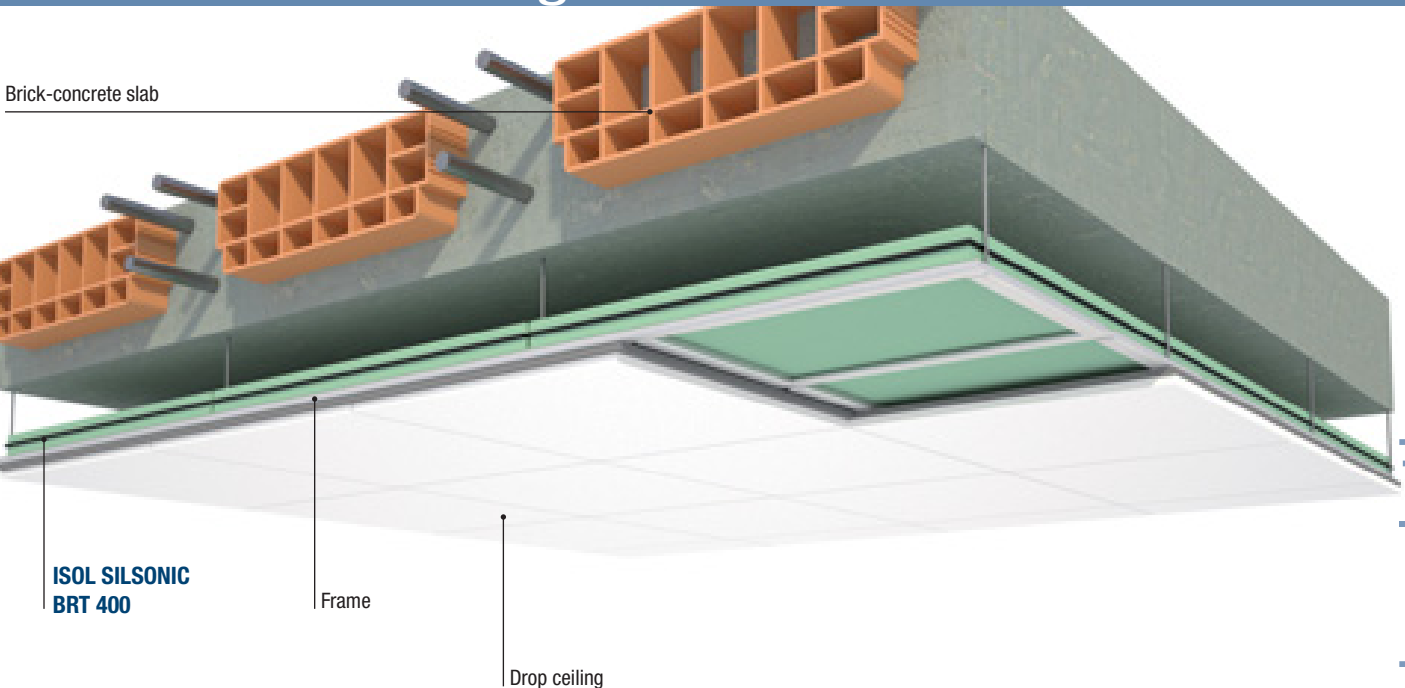
\*\* Plaster (thick 1,5 cm) + hollow bricks (thick 8 cm) + plaster (thick 1,5 cm) + cavity wall: drywall stud (thick 5 cm) + Isol Silsonic BRT 400 (thick 3 cm) + drywall (thick 1,25 cm, weight 11kg/m<sup>2</sup>)

\*\*\* Plaster (thick 1,5 cm) + hollow bricks (thick 8 cm) + plaster (thick 1,5 cm) + cavity wall: drywall stud (thick 5 cm) + Isol Silsonic BRT 400 (thick 3 cm) + double drywall (thick 1,25 cm, weight 11kg/m<sup>2</sup> each)

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
	H32003012001000FXC	1200	30	1	F	mq	30 mq	BA	115x115x95	30 mq		100 mq
Adhesive	H31003012001000FXC	1200	30	1	F	mq	30 mq	BA	115x115x95	30 mq		100 mq

## Installation on a ceiling



# MAPPYSIL CR RE

The memorable acoustic insulation material of MAPPY ITALIA

## Description

**MAPPYSIL CR RE** is an acoustic and thermal insulation panel composed of two self-extinguishing non-dripping polyurethane foam layers and in between there is an elastomeric high density barrier (EPDM). **MAPPYSIL CR RE** is also available in an adhesive version with water-based acrylic glue, to support the installer in the laying phase and can be covered with special films to make it washable, and with aluminium or pierced faux leather for exposed view applications.

## Applications

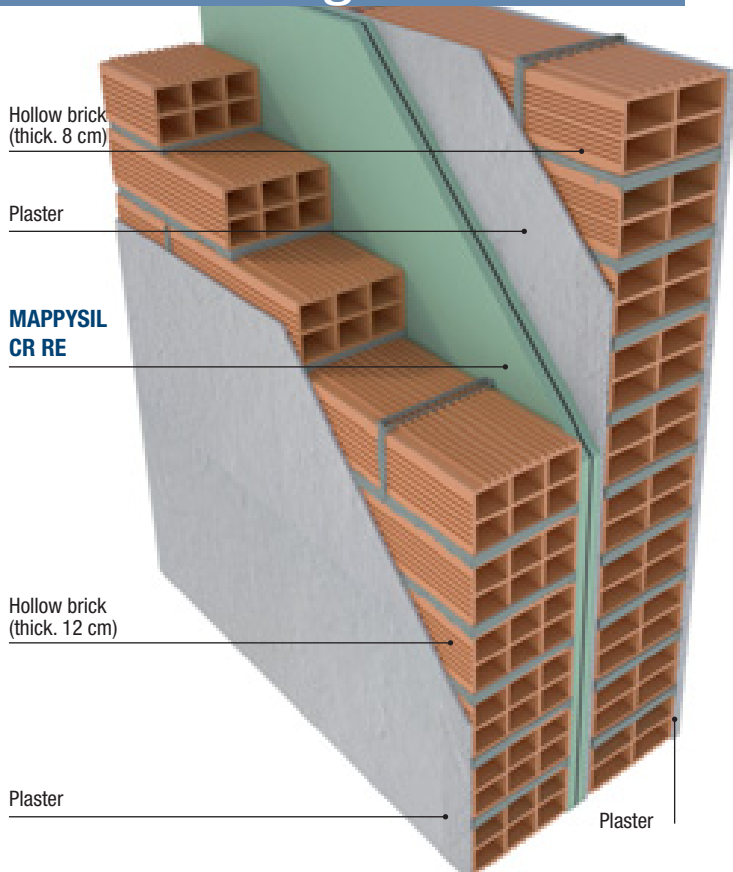
**MAPPYSIL CR RE** is ideal for a thermoacoustic insulation of walls and ceilings using a single panel that can be easily inserted within masonry cavity walls or within the studs of drywalls (plaster, wood, magnesium) and placed right on walls, ceilings and drop ceilings.

## Laying

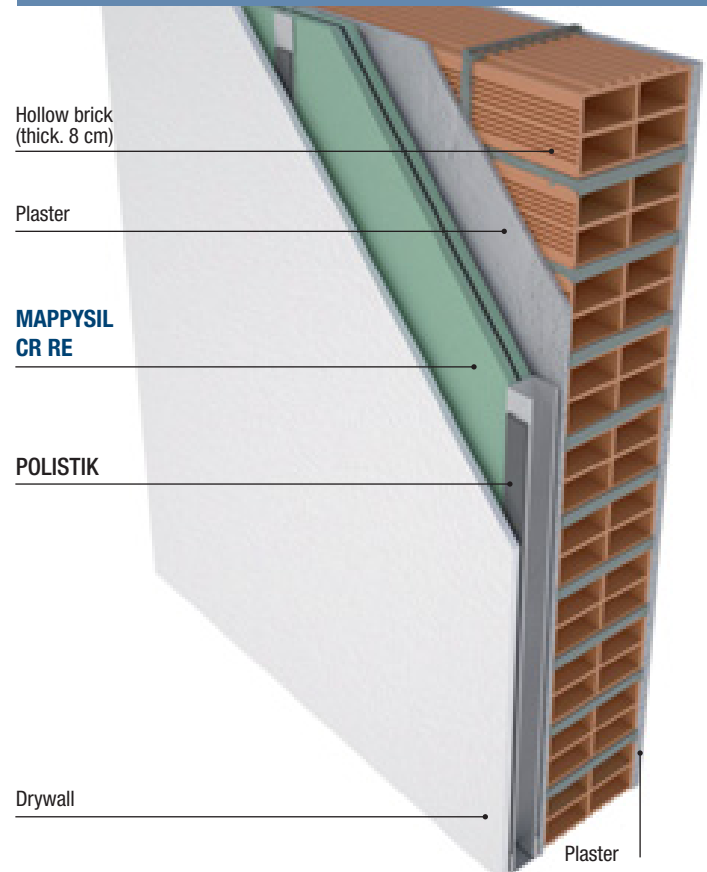
For application inside gaps, we recommend the use of special glue **MAPPYCOL S45** (page 96), or polypropylene rawlplugs. To prevent sound bridges, on horizontal and vertical joints between adjacent panels please apply **MAPPYTAPE TXT** adhesive (page 98). In case of application within dry walls it is recommended the laying of **MAPPYSIL CR RE** inside the studs of the wall or use adhesive **MAPPYSIL CR RE** in order to avoid the use of glues. Within drop ceilings lean the product against the internal surface. **MAPPYSIL CR RE** can be cut using a cutter.



## New building



## Renovations





**RESIN**Colour \*  \*Density ~ 25 kg/m<sup>3</sup>

Reaction to fire HF1 (UL94)

**BARRIERA ACUSTICA / ELASTOMERIC MASS**Colour Weight ~ 4 kg/m<sup>2</sup>Reaction to fire It does not spread fire (ISO 3795)  
EUROCLASS E (EN 13501)


Certifications CE Marking

**MAPPYSIL CR RE**Acoustic insulation Only product (thick. 20 mm)  
Rw = 28 db  
(UNI EN ISO 140-3:1997, UNI EN ISO 717-1:1997)*\* The color is indicative of the material, it may vary depending on the availability of raw materials.  
We absolutely guarantee the same technical characteristics and performance of the product.***Items**

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
	D0200201000A010XC	1000	20	10	A	mq	10 mq	SC	60x60x102	4	x	10 mq
	D0200301000A010XC	1000	30	10	A	mq	10 mq	SC	60x60x102	4	x	10 mq
Adhesive	D0100201000A010XC	1000	20	10	A	mq	10 mq	SC	60x60x102	4	x	10 mq
Adhesive	D0100301000A010XC	1000	30	10	A	mq	10 mq	SC	60x60x102	4	x	10 mq



The range of Mappy Italia's products to reduce footstep noise: performances comparison

	Thickness (mm)	Dynamic stiffness (S' <sup>t</sup> ) MN/m <sup>3</sup>	ΔLw (db)	Green Building 
<b>MAPPYPREMIUM</b>	15	8	29 *	
<b>POLISTIK/B PLUS</b>	9	27	25	
<b>POLISTIK/M UNDER SPECIAL</b>	8	35	24	
<b>POLISTIK/M UNDER SPECIAL RADIANTE</b>	8	35	24	
<b>MAPPYWOOL FL</b>	5	28	21	●
<b>POLISTIK MONO SPECIAL</b>	6	35	21	
<b>POLISTIK</b>	5	79	18 / 24,5	
<b>POLISTIK CH</b>	10	48 **	20	
<b>POLISTIK CH ANTIGRAFFIO</b>	5	77 **	19 *	
<b>MAPPYSIL CR 201</b>	6	18 **	29	

\* Data calculated using the estimation method from ANIT bibliography

\*\* Data from bibliography

Data included in the table represent the highest performance solutions that MAPPY ITALIA has chosen for you, according to current legislation and in line with the highest industrial standards. The values are in fact all certified and tested by external laboratories to ensure the highest quality.

3 Footstep noise reduction  
Footstep noise reduction

# MAPPYPREMIUM

The top mat for  
acoustic and  
thermal comfort

## Description

**MAPPY PREMIUM** is a mat for footstep noise insulation. It is composed of 5mm double polyethylene foam layer, in between two layers of 3mm polyester fiber layers and coated by an anti-tearing needle punched felt. Supplied with **MAPPYTAPE TXT adhesive** (page 98) within each pack.

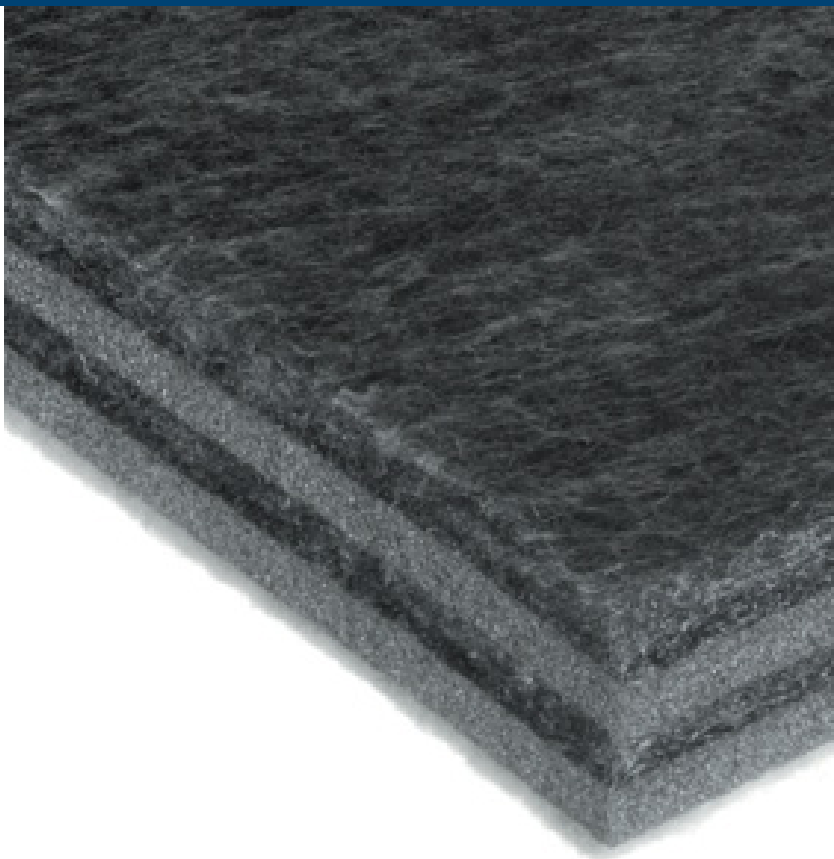
## Applications

**MAPPY PREMIUM** is ideal to soundproof inter-floor slabs using a single panel. It is recommended in all cases when you want to achieve a high level of comfort. It is coated with a layer of anti-tearing material to avoid damaging the product on the building site and may be used with heated floors.

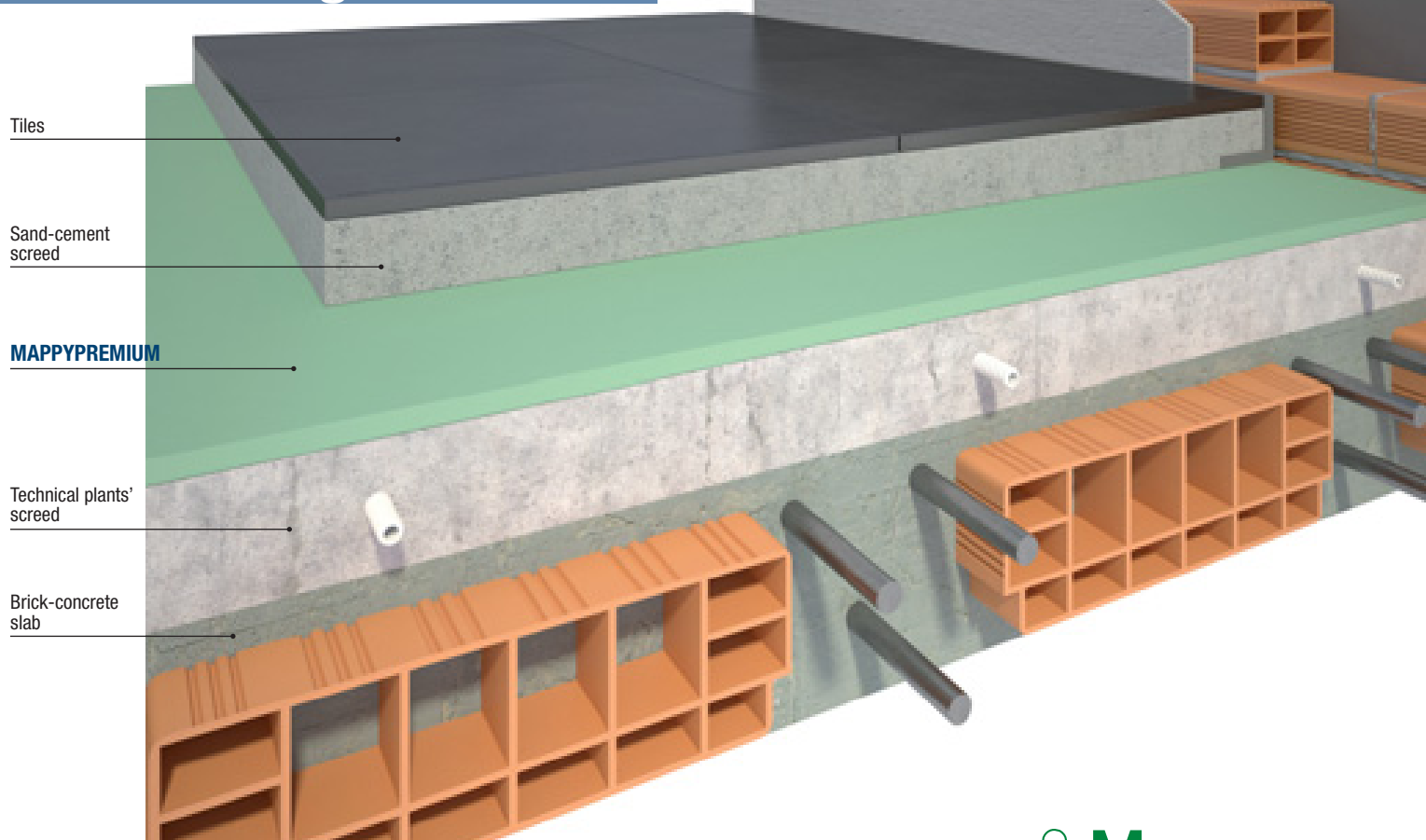
## Laying

Place **MAPPY PREMIUM** on top of the plant levelling layer and seal the ends with **MAPPYTAPE TXT adhesive** (page 98) taking care not to leave gaps; the light felt must be placed facing up. Use Mappy Italia's **FASCIA PERIMETRALE** (page 90) between the horizontal partition and the just-placed mat to build a completely floating slab; trim the band only after placing the coating on the floor.


**MAPPY PREMIUM** can be cut using a cutter.



## New building



**FIBER**

Colour *	
Weight	~ 200 g/m <sup>2</sup>
Thermal Conductivity $\lambda$	0.0341 W/mK (EN 12667:2001, EN 12664:2001)
Reaction to fire	B s1 d0 (EN 13501-1:2007) Class 1 (UNI 9177:1087)
Smoke index	F1 (NF F 16-101:1988)

**PE**

Colour	
Density	~ 30 kg/m <sup>3</sup>

**MAPPYPREMIUM**

Thermal Conductivity $\lambda$	0.03 W/mK (UNI EN 12667:2002)
Dynamic stiffness	thick. 15 mm $\Delta Lw=29$ db*
Footstep noise reduction	$S't=8MN/m^3$ $S'=19MN/m^3$ sp. 15mm (UNI EN 29052-1:1993)

\* Calculation with a 6cm, 105 kg/m<sup>2</sup> sand-cement screed

\* The color is indicative of the material, it may vary depending on the availability of raw materials. We absolutely guarantee the same technical characteristics and performance of the product.

**Items**

Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
M7000151500A025	1500	15	25	A	ml	25 ml	S/P	diam.82 cm.	-		300 ml

# POLISTIK/B PLUS

High thermal and acoustic insulation for floor slabs with anti-tear felt protection

## Description

**POLISTIK/B PLUS** is a mat for footstep noise insulation composed of a 5mm polyethylene foam layer coupled on one side with an anti-tear needle punched felt and the other with a polyester fiber layer. **POLISTIK/B PLUS** is supplied with **MAPPYTAPE TXT adhesive** (page 98) within each pack.

## Applications

**POLISTIK/B PLUS** is recommended in all cases when you want to achieve a high level of comfort. It is ideal for sound and thermal insulation of inter-floor slabs using a single panel. **POLISTIK/B PLUS** is also coated with a layer of anti-tearing material to avoid damaging the product on the building site.

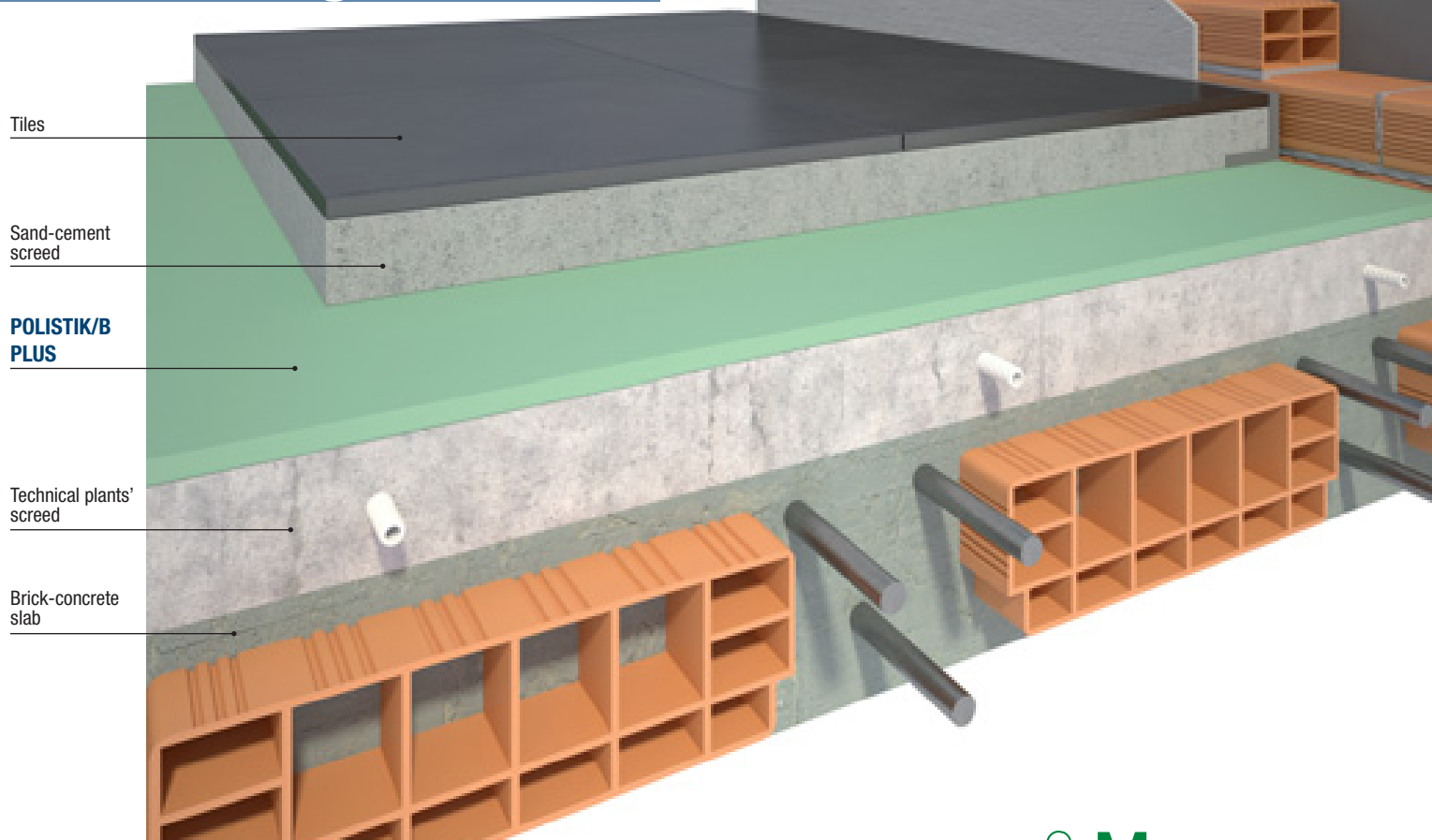
## Laying

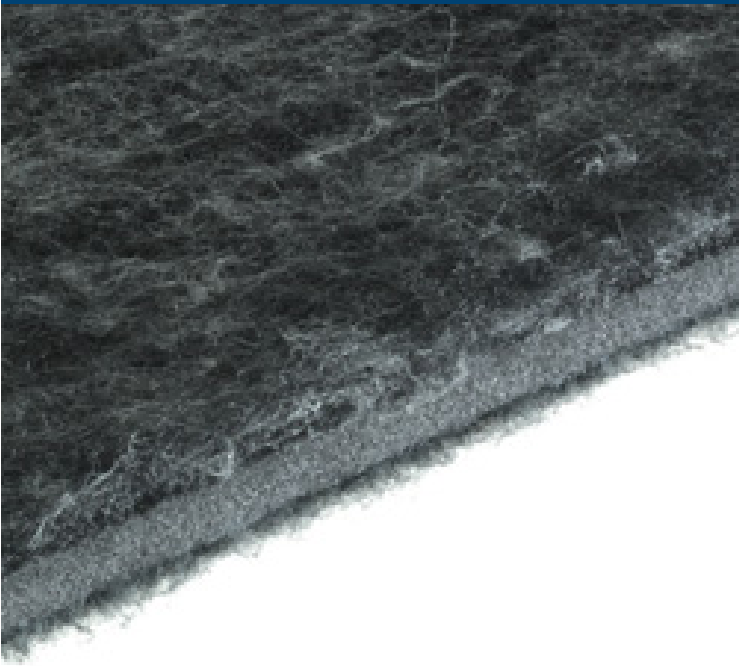
Place **POLISTIK/B PLUS** on top of the plant levelling layer and seal the ends with **MAPPYTAPE TXT adhesive** (page 98) taking care not to leave gaps; the light felt must be placed facing up. Use Mappy Italia's **FASCIA PERIMETRALE** (page 90) between the horizontal partition and the just-placed mat to build a completely floating slab; trim the band only after placing the coating on the floor.

**POLISTIK/B PLUS** can be cut using a cutter.



## New building





FIBER	
Colour *	<input type="checkbox"/> <input checked="" type="checkbox"/>
Weight	~ 200 g/m <sup>2</sup>
Thermal Conductivity $\lambda$	0.0341 W/mK (EN 12667:2001, EN 12664:2001)
Reaction to fire	B s1 d0 (EN 13501-1:2007) Class 1 (UNI 9177:1087)
Smoke index	F1 (NF F 16-101:1988)

PE	
Colour	<input checked="" type="checkbox"/>
Density	~ 30 kg/m <sup>3</sup>

POLISTIK/B PLUS	
Thermal Conductivity $\lambda$	0.036 W/mK (UNI EN 12667:2002)
Dynamic stiffness	thick. 9mm $\Delta Lw=25db$ ** (EN ISO 140-8:1997, 717-2:2006)
Footstep noise reduction	S't=27 MN/m <sup>3</sup> (UNI EN 29052-1:1993)

\* The color is indicative of the material, it may vary depending on the availability of raw materials. We absolutely guarantee the same technical characteristics and performance of the product.

\*\* Tested with a 6cm, 100 kg/m<sup>2</sup> sand-cement screed without any deviation from the specifications in force.

## Items

Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
M5400091500A050	1500	9	50	A	ml	50 ml	S/P	diam.82 cm.	-	X	50 ml

Footstep noise reduction

# POLISTIK/M UNDER SPECIAL

High thermal and acoustic insulation for floor slabs, with great economic/performance rate

## Description

**POLISTIK/M UNDER SPECIAL** is a mat for footstep noise insulation composed by a 5mm polyethylene foam layer coupled with a polyester fiber layer to improve its thermal and acoustic performances. It is supplied with **MAPPYTAPE TXT adhesive** (page 98) within each pack.

## Applications

**POLISTIK/M UNDER SPECIAL** is ideal for sound and thermal insulation of inter-floor slabs using a single panel. It is recommended when you want to achieve a high level of comfort.

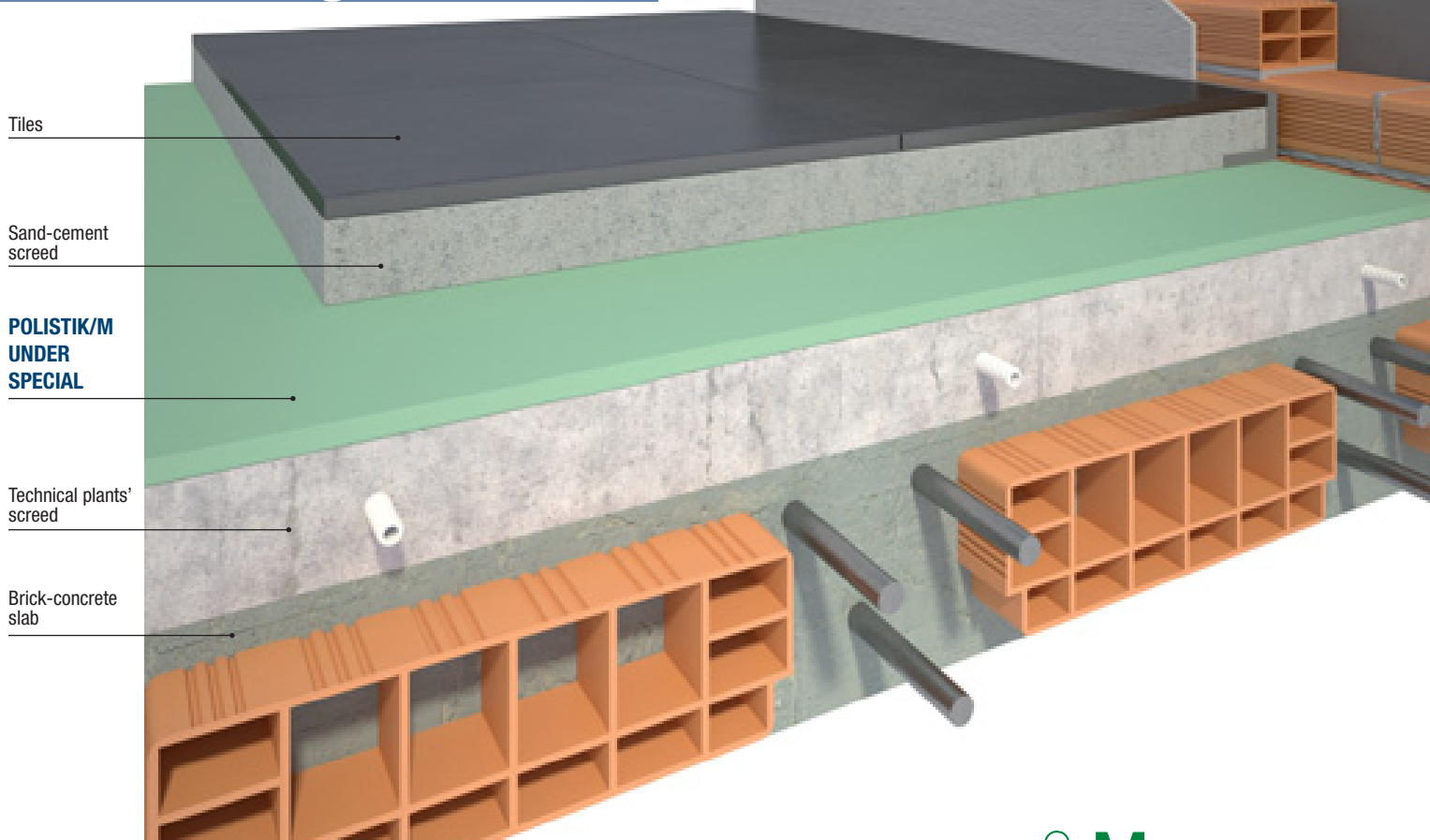
## Laying

Place **POLISTIK/M UNDER SPECIAL** on top of the plant levelling layer and seal the ends with **MAPPYTAPE TXT adhesive** (page 98) taking care not to leave gaps; the polyester fibre layer must be placed facing down. Use Mappy Italia's **FASCIA PERIMETRALE** (page 90) between the horizontal partition and the just-placed mat to build a completely floating slab; trim the band only after placing the coating on the floor.

**POLISTIK/M UNDER SPECIAL** can be cut using a cutter.




## New building





**FIBER**

Colour *	
Weight	~ 200 g/m <sup>2</sup>
Thermal Conductivity $\lambda$	0.0341 W/mK (EN 12667:2001, EN 12664:2001)
Reaction to fire	B s1 d0 (EN 13501-1:2007) Class 1 (UNI 9177:1087)
Smoke index	F1 (NF F 16-101:1988)

**PE**

Colour	
Density	~ 30 kg/m <sup>3</sup>

**POLISTIK/M UNDER SPECIAL**

Thermal Conductivity $\lambda$	0.0339 W/mK (UNI EN 12667:2002)
Footstep noise reduction	thick. 8mm $\Delta L_w=24db$ ** (EN ISO 140-8:1997, 717-2:2006)
Dynamic stiffness	$S^*t=35 MN/m^3$ (UNI EN 29052-1:1993)

\* The color is indicative of the material, it may vary depending on the availability of raw materials. We absolutely guarantee the same technical characteristics and performance of the product.

\*\* Tested with a 6cm, 100 kg/m<sup>2</sup> sand-cement screed without any deviation from the specifications in force.

**Items**

Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
M5600081500A050	1500	8	50	A	ml	50 ml	S/P	diam.82 cm.	-	x	50 ml
M560026009	1500	8	10	A	nr	10 RLX	S/P	diam.40 cm.	-	x	10 ml

# POLISTIK/M UNDER SPECIAL RADIANTE

## Description

**POLISTIK/M UNDER SPECIAL RADIANTE** is a mat for footstep noise insulation. It is composed of a 5mm polyethylene foam layer coupled with a polyester fiber layer, and then covered by an aluminum film on the top surface to enhance the reflectivity of the heat produced by the floor heating system. It is supplied with **MAPPYTAPE TXT adhesive** (page 98) within each pack.

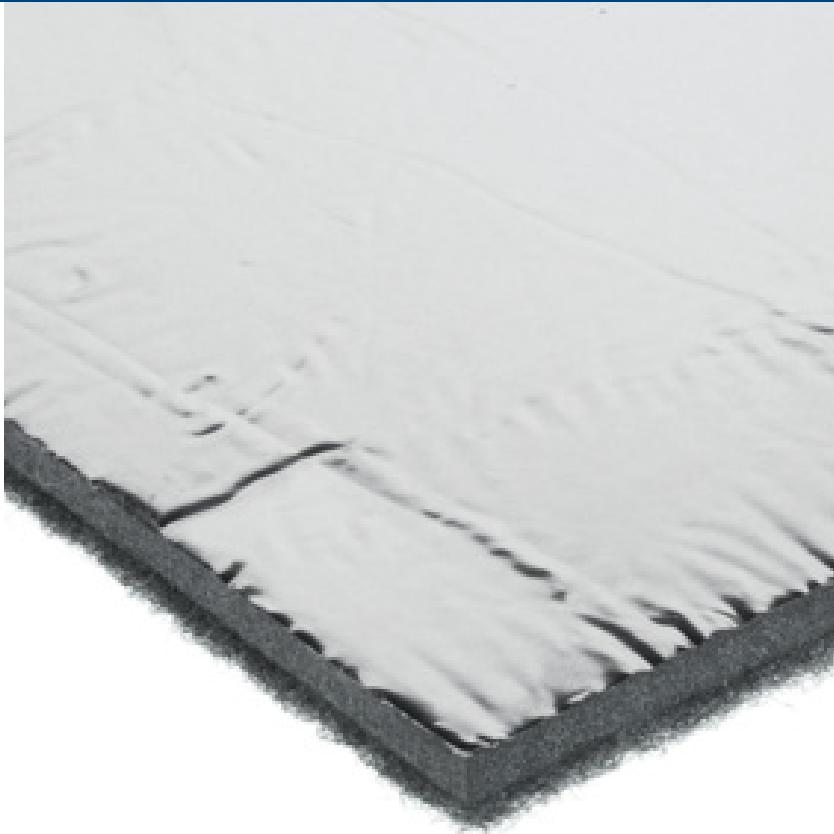
## Applications

**POLISTIK/M UNDER SPECIAL RADIANTE** is ideal for sound and thermal insulation of heated inter-floor slabs using a single panel. It is recommended when you want to achieve a high level of comfort.

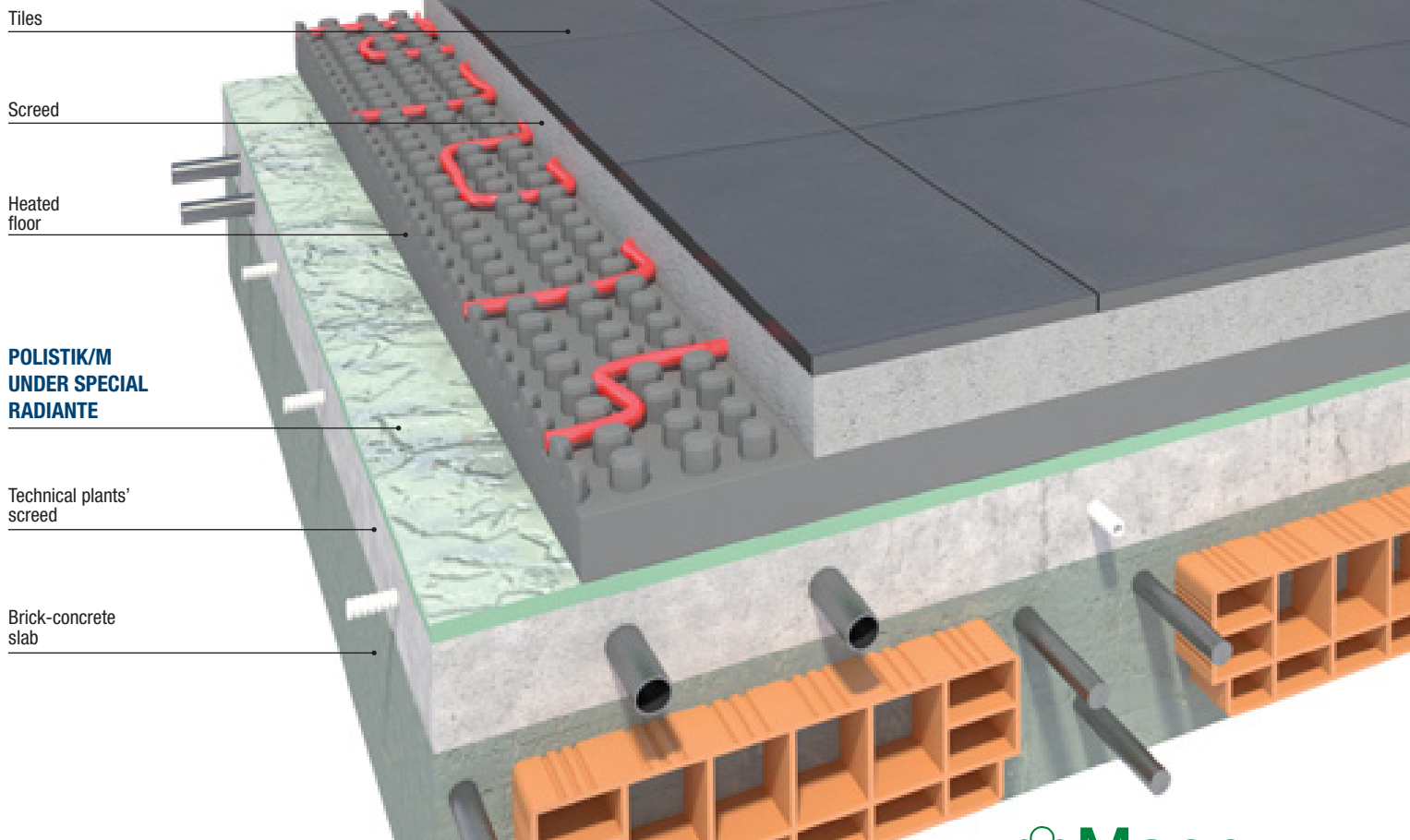
## Laying

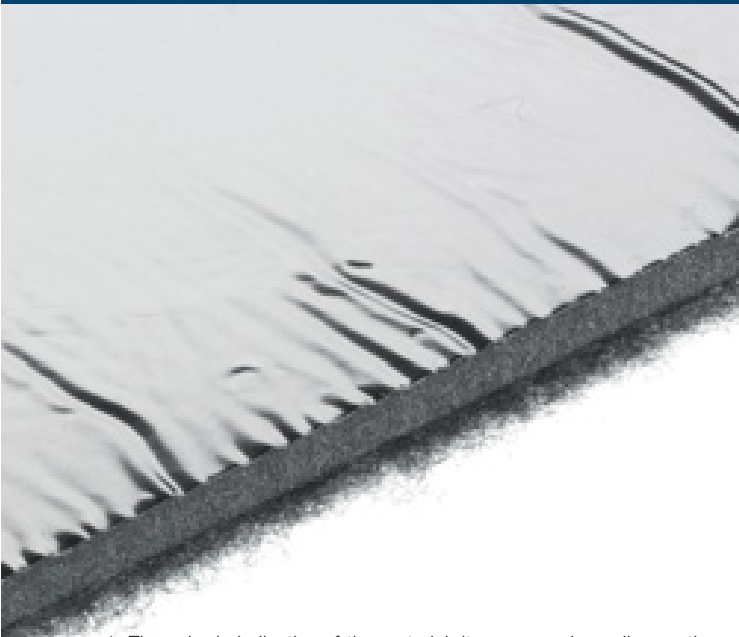
Place **POLISTIK/M UNDER SPECIAL RADIANTE** on top of the plant levelling layer and seal the ends with **MAPPYTAPE TXT adhesive** (page 98) taking care not to leave gaps; the polyester fibre layer must be placed facing down. Use Mappy Italia's **FASCIA PERIMETRALE** (page 90) between the horizontal partition and the just-placed mat to build a completely floating slab; trim the band only after placing the coating on the floor.

**POLISTIK/M UNDER SPECIAL RADIANTE** can be cut using a cutter.



## New building





FIBER	
Colour *	■
Weight	~ 200 g/m <sup>2</sup>
Thermal Conductivity λ	0.0341 W/mK (EN 12667:2001, EN 12664:2001)
Reaction to fire	B s1 d0 (EN 13501-1:2007) Class 1 (UNI 9177:1087)
Smoke index	F1 (NF F 16-101:1988)

ALUMINIUM	
Weight	~ 53,6 g/m <sup>2</sup>
Thickness	~ 0,042 mm

PE	
Colour	■
Density	~ 30 kg/m <sup>3</sup>

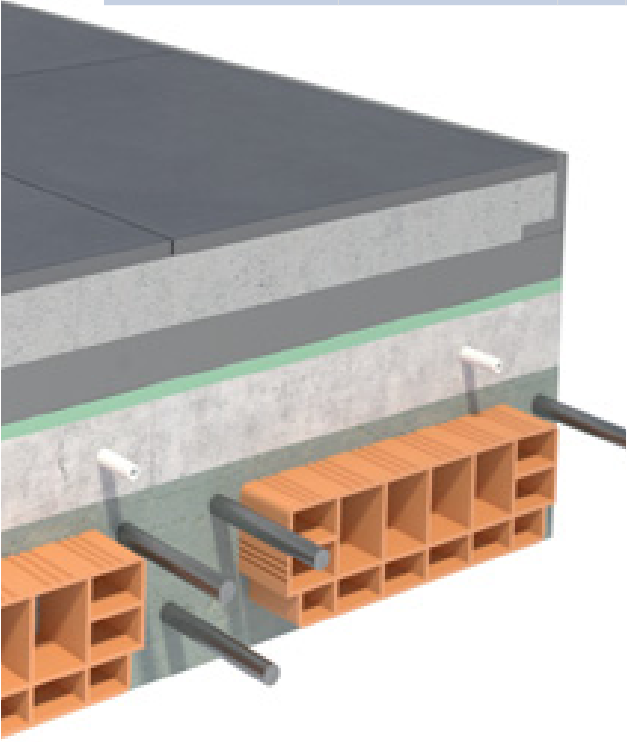
POLISTIK/M UNDER SPECIAL RADIANTE	
Thermal Conductivity λ	0.0339 W/mK (UNI EN 12667:2002)

Footstep noise reduction	thick. 8mm ΔLw=24db ** (EN ISO 140-8:1997, 717-2:2006)
Dynamic stiffness	S't=35 MN/m <sup>3</sup> (UNI EN 29052-1:1993)

\* The color is indicative of the material, it may vary depending on the availability of raw materials. We absolutely guarantee the same technical characteristics and performance of the product.  
 \*\* Tested with a 6cm, 100 kg/m<sup>2</sup> sand-cement screed without any deviation from the specifications in force

## Items

Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./Pack.	Pack.	Dim.Pack. (cm)	Qty./Pallet	RTS	Minimum
M5800081500A050	1500	8	50	A	ml	50 ml	S/P	diam.82 cm.	-		300 ml



Footstep noise reduction

# MAPPYWOOL FL

“Nothing is created, nothing is lost, everything is transformed” ... use the wool to dress up your home with nature!

## Description

**MAPPYWOOL FL** is a mat for footstep noise insulation made of 100% pure virgin wool. **MAPPYWOOL FL** is coupled with a film of natural polythene, recyclable and fully compatible with the environment. It can have a thickness of about 5/8mm.

## Applications

**MAPPYWOOL FL** is ideal when an ecofriendly and high performance mat for footstep noise insulation is needed. With **MAPPYWOOL FL** is possible to achieve an acoustic and thermal insulation of inter-floor slabs in harmony with nature, using a single natural panel.

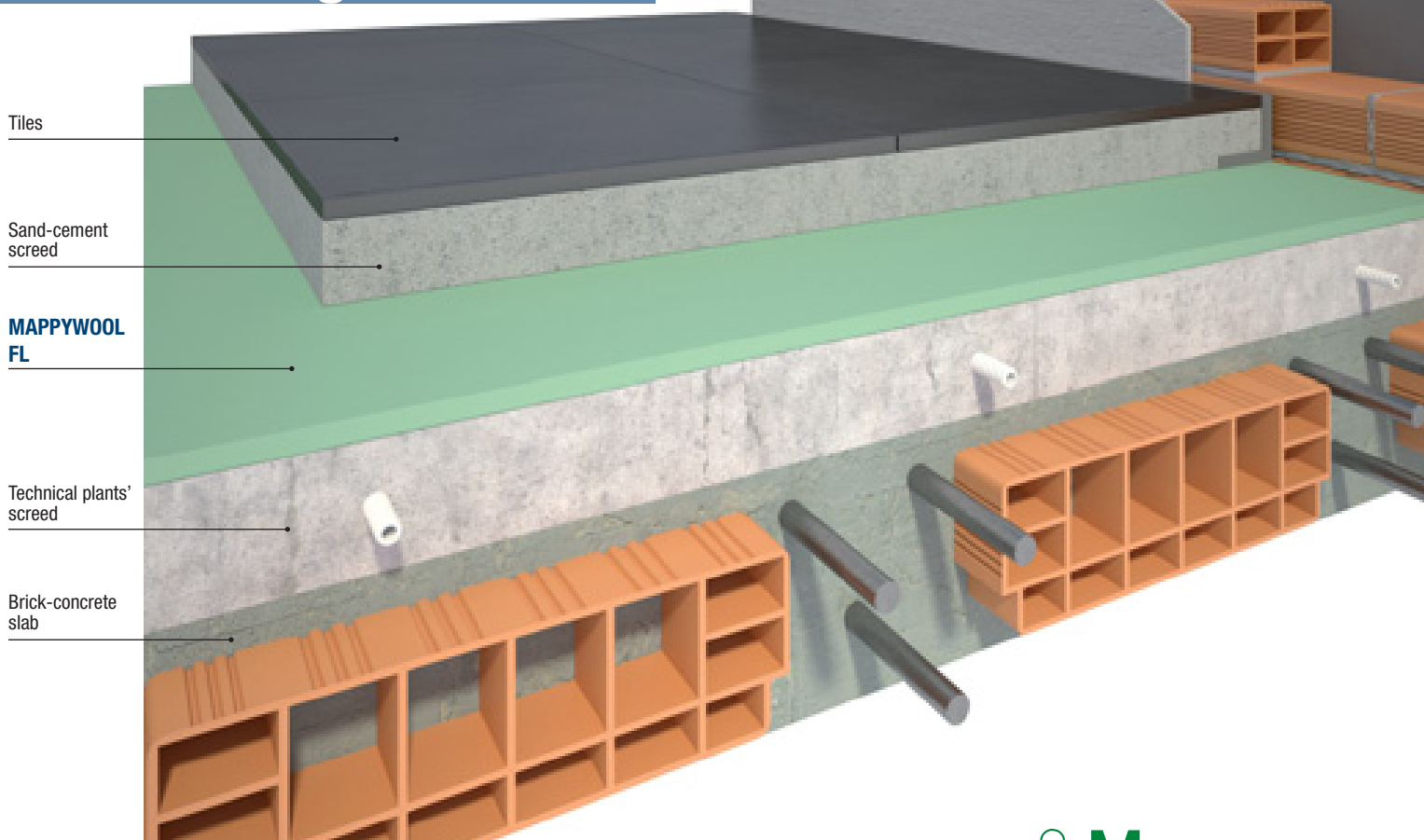
## Laying

Place **MAPPYWOOL FL** on top of the plant levelling layer and seal the ends with **MAPPYTAPE TXT adhesive** (page 98) taking care not to leave gaps; the film must be placed facing up. Use **MAPPYWOOL STRIP** (page 91) between the horizontal partition and the just-placed mat to build a completely floating slab; trim the band only after placing the coating on the floor.

**MAPPYWOOL FL** can be cut using a cutter.

100%  
virgin wool

## New building



## WOOL

Colour

Weight

~ 400 - 800 g/m<sup>2</sup>

Thermal Conductivity  $\lambda$

~ 0.04 W/mK (ISO 8302/91)

Footstep noise reduction

thick. 5mm  $\Delta Lw=21db$  \*  
(EN ISO 140-8:1999, 717-2:2007)

thick. 8mm  $\Delta Lw=25db$  \*\*

thick. 5mm  $S't=28 MN/m^3$

$S'=54 MN/m^3$

Dynamic stiffness

(UNI EN 29052-1:1993)

thick. 8mm  $S't = 21 MN/m^3$ ,  $S' = 33 MN/m^3$

\* Tested with a 5cm, 100 kg/m<sup>2</sup> sand-cement screed without any deviation from the specifications in force

\*\* Calculation with a 6 cm, 100 kg/m<sup>2</sup> sand-cement screed

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
400 gr/mq.	I02F00514000100	1400	5	100	0	ml	100 ml	S/P	diam.82 cm.	-		100 ml
800 gr/mq.	I04F00914000050	1400	9	50	0	ml	50 ml	S/P	diam.82 cm.	-		50 ml



MAPPYWOOL FL is a product of the new  
"MAPPY NATURALE - GREEN BUILDING PRODUCTS" line  
Request a brochure or ask for info at our Customer Service!



# POLISTIK MONO SPECIAL

When the available space for the screed is low

## Description

**POLISTIK MONO SPECIAL** is a mat for footstep noise insulation composed by a 5mm polyethylene foam layer coupled with an anti-tear needle punched felt. **POLISTIK / B PLUS** is supplied with **MAPPYTAPE TXT adhesive** (page 98) within each pack.

## Applications

**POLISTIK MONO SPECIAL** is recommended in all cases when you want to achieve a high level of comfort. It is ideal for sound and thermal insulation of inter-floor slabs using a single panel. It is recommended in those cases where there is little space for the screed.

## Laying

Place **POLISTIK MONO SPECIAL** on top of the plant levelling layer and seal the ends with **MAPPYTAPE TXT adhesive** (page 98) taking care not to leave gaps; the light felt must be placed facing up. Use Mappy Italia's **FASCIA PERIMETRALE** (page 90) between the horizontal partition and the just-placed mat to build a completely floating slab; trim the band only after placing the coating on the floor.

**POLISTIK MONO SPECIAL** can be cut using a cutter.

FIBER	
Colour *	☐
Weight	~ 200 g/m <sup>2</sup>
Reaction to fire	B s1 d0 (EN 13501-1:2007) Class 1 (UNI 9177:1087)
Smoke index	F1 (NF F 16-101:1988)
PE	
Colour	■
Density	~ 30 kg/m <sup>3</sup>
POLISTIK MONO SPECIAL	
Footstep noise reduction	thick. 6mm ΔLw=21db ** (EN ISO 140-8:1997, 717-2:2006)

\* The color is indicative of the material, it may vary depending on the availability of raw materials. We absolutely guarantee the same technical characteristics and performance of the product.

\*\* Tested with a 6cm, 100 kg/m<sup>2</sup> sand-cement screed without any deviation from the specifications in force

## New building

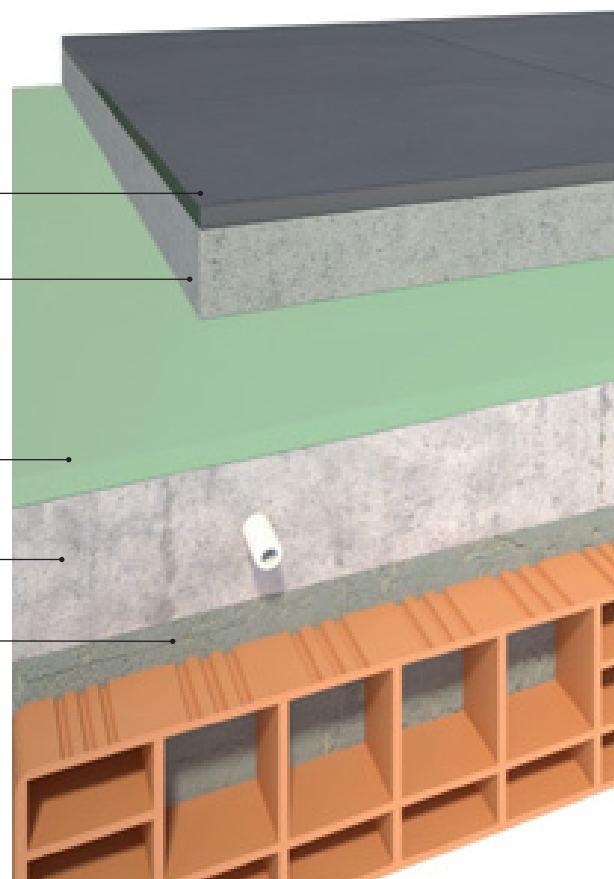
Sand-cement screed

**POLISTIK MONO SPECIAL**  
**POLISTIK**

Technical plants' screed

Brick-concrete slab

Tiles



## Description

**POLISTIK** is a mat for footstep noise insulation composed by a 5mm expanded and physically reticulated polyethylene foam that may have a thickness of 3/5/10mm.

## Applications

**POLISTIK** is recommended in all cases when you want to achieve a high level of comfort. It is ideal for sound and thermal insulation of inter-floor slabs using a single panel. It is recommended in those cases where there is little space for the screed and a one layer material is preferred.

## Laying

Place **POLISTIK** on top of the plant levelling layer and seal the ends with **MAPPYTAPE TXT adhesive** (page 98) taking care not to leave gaps; the light felt must be placed facing up. Use Mappy Italia's **FASCIA PERIMETRALE** (page 90) between the horizontal partition and the just-placed mat to build a completely floating slab; trim the band only after placing the coating on the floor.

**POLISTIK** can be cut using a cutter.

<b>PE</b>	
<b>Colour</b>	■
<b>Weight</b>	~ 30 kg/m <sup>3</sup>
<b>Thermal Conductivity λ</b>	~ 0.0367 W/mK (UNI EN 12667:2002)
<b>Footstep noise reduction</b>	thick. 5mm ΔLw=18db * (EN ISO 140-8:1997, 717-2:2006) thick. 5mm ΔLw=24,5db ** (UNI EN ISO 140-6:2000, UNI EN ISO 717-2:1997)
<b>Dynamic stiffness</b>	S't=79 MN/m <sup>3</sup> (UNI EN 29052-1:1993)

\* Tested with a 6cm, 100 kg/m<sup>2</sup> sand-cement screed without any deviation from the specifications in force

\*\* Tested with a 7cm, 107kg/m<sup>2</sup> granite screed

**IDEAL FOR ROLLER SHUTTER HOUSING**



## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
POLISTIK MONO SPECIAL	M6000061500A050	1500	6	50	A	ml	50 ml	S/P	diam.82 cm.	-		300 ml
POLISTIK	M0200031500A100	1500	3	100	A	ml	100 ml	S/P	diam.65 cm.	-	x	100 ml
	M0200051500A100	1500	5	100	A	ml	100 ml	S/P	diam.82 cm.	-	x	100 ml
	M020026008	1500	5	10	A	nr	1 Rlx	S/P	diam.31 cm.	-	x	10 ml
	M0200101500A050	1500	10	50	A	ml	50 ml	S/P	diam.82 cm.	-	x	50 ml

Mappy Italia's entry-level mat to use when you do not want to give up comfort

# POLISTIK CH

## Description

**POLISTIK CH** is a mat for footstep noise insulation composed by a 5mm expanded and chemically reticulated polyethylene foam that may have a thickness of 3/5/10mm.

## Applications

**POLISTIK CH** is ideal for sound and thermal insulation of inter-floor slabs using a single panel. It is recommended in those cases when you want to achieve a high level of comfort and when a one layer material is preferred.

## Laying

Place **POLISTIK CH** on top of the plant levelling layer and seal the ends with **MAPPYTAPE TXT adhesive** (page 98) taking care not to leave gaps. Use Mappy Italia's **FASCIA PERIMETRALE** (page 90) between the horizontal partition and the just-placed mat so to build a completely floating slab; trim the band only after placing the coating on the floor. **POLISTIK CH** can be cut using a cutter.

PE	
Colour	■
Density	~ 30 kg/m <sup>3</sup>
Thermal Conductivity $\lambda$	~ 0.0367 W/mK (UNI EN 12667:2002)
Footstep noise reduction	thick. 10 mm $\Delta L_w=20\text{db}^*$ (EN ISO 140-8:1997, 717-2:2006)

\* Test carried out with a 5cm and 100kg/m<sup>2</sup> sand and cement screed without deviation from the specifications in force.

## New building

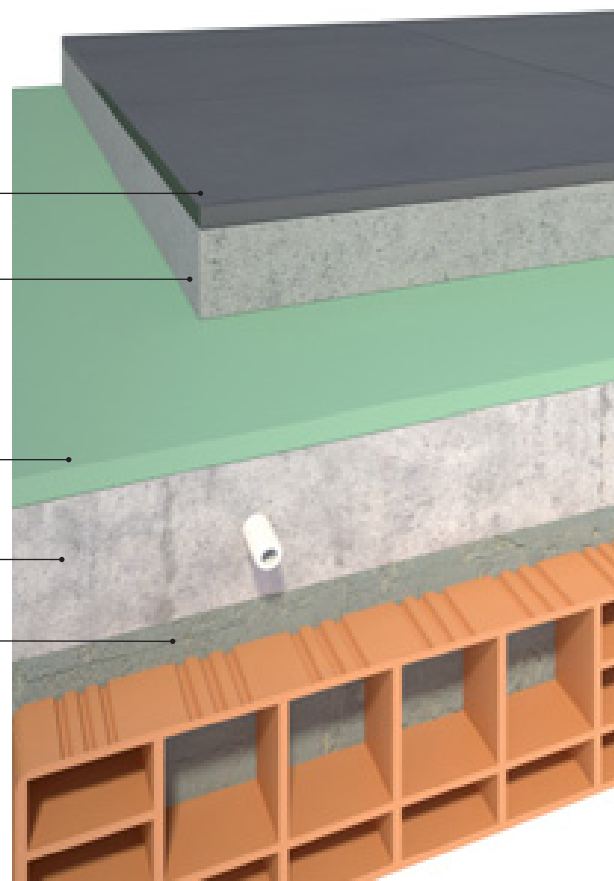
Sand-cement screed

**POLISTIK CH**  
**POLISTIK CH ANTIGRAFFIO**

Technical plants' screed

Brick-concrete slab

Tiles





# POLISTIK CH ANTIGRAFFIO

The mattress "protected" with an anti-scratch film

## Description

**POLISTIK CH ANTIGRAFFIO** is a 5mm mat for footstep noise insulation. It is composed of an expanded and chemically reticulated polyethylene foam coated with an anti-scratch embossed film that protects the mattress against lacerations in the building site.

## Applications

**POLISTIK CH ANTIGRAFFIO** is ideal for sound and thermal insulation of inter-floor slabs using a single panel or in those cases when a one layer material is preferred.

## Laying

Place **POLISTIK CH ANTIGRAFFIO** on top of the plant levelling layer and seal the ends with **MAPPYTAPE TXT adhesive** (page 98) taking care not to leave gaps; the embossed surface must be placed facing up. Use Mappy Italia's **FASCIA PERIMETRALE** (page 90) between the horizontal partition and the just-placed mat to build a completely floating slab; trim the band only after placing the coating on the floor.

**POLISTIK CH ANTIGRAFFIO** can be cut using a cutter.

PE	
Colour	■
Density	~ 30 kg/m <sup>3</sup>
Thermal Conductivity $\lambda$	~ 0.0367 W/mK (UNI EN 12667:2002)



## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
<b>POLISTIK CH</b>												
	M7600031500A050	1500	3	50	A	ml	50 ml	S/P	diam.46 cm.	-	x	50 ml
	M7600051500A050	1500	5	50	A	ml	50 ml	S/P	diam.60 cm.	-	x	50 ml
	M7600101500A040	1500	10	40	A	ml	40 ml	S/P	diam.65 cm.	-	x	40 ml
While supplies last	M7600031500A100	1500	3	100	A	ml	100 ml	S/P	diam.65 cm.	-	x	100 ml
While supplies last	M7600051500A100	1500	5	100	A	ml	100 ml	S/P	diam.82 cm.	-	x	100 ml
While supplies last	M7600101500A050	1500	10	50	A	ml	50 ml	S/P	diam.82 cm.	-	x	50 ml
<b>POLISTIK CH ANTIGR.</b>												
	M0800051500A100	1500	5	100	A	ml	100 ml	S/P	diam.82 cm.	-	x	100 ml

# MAPPYSIL CR 201

The thermoacoustic mat for a "light" floor slab

## Description

**MAPPYSIL CR 201** is a mat for footstep noise insulation composed of 2 layers of a 5mm expanded polyethylene foam and in between an high density elastomeric barrier (EPDM). One polyethylene layer is covered by an embossed anti-scratch surface.

## Applications

**MAPPYSIL CR 201** is ideal to achieve a thermoacoustic insulation of floor slabs and inter-floor slabs when light structures are present such as wood slabs, or in the presence of floating floors.

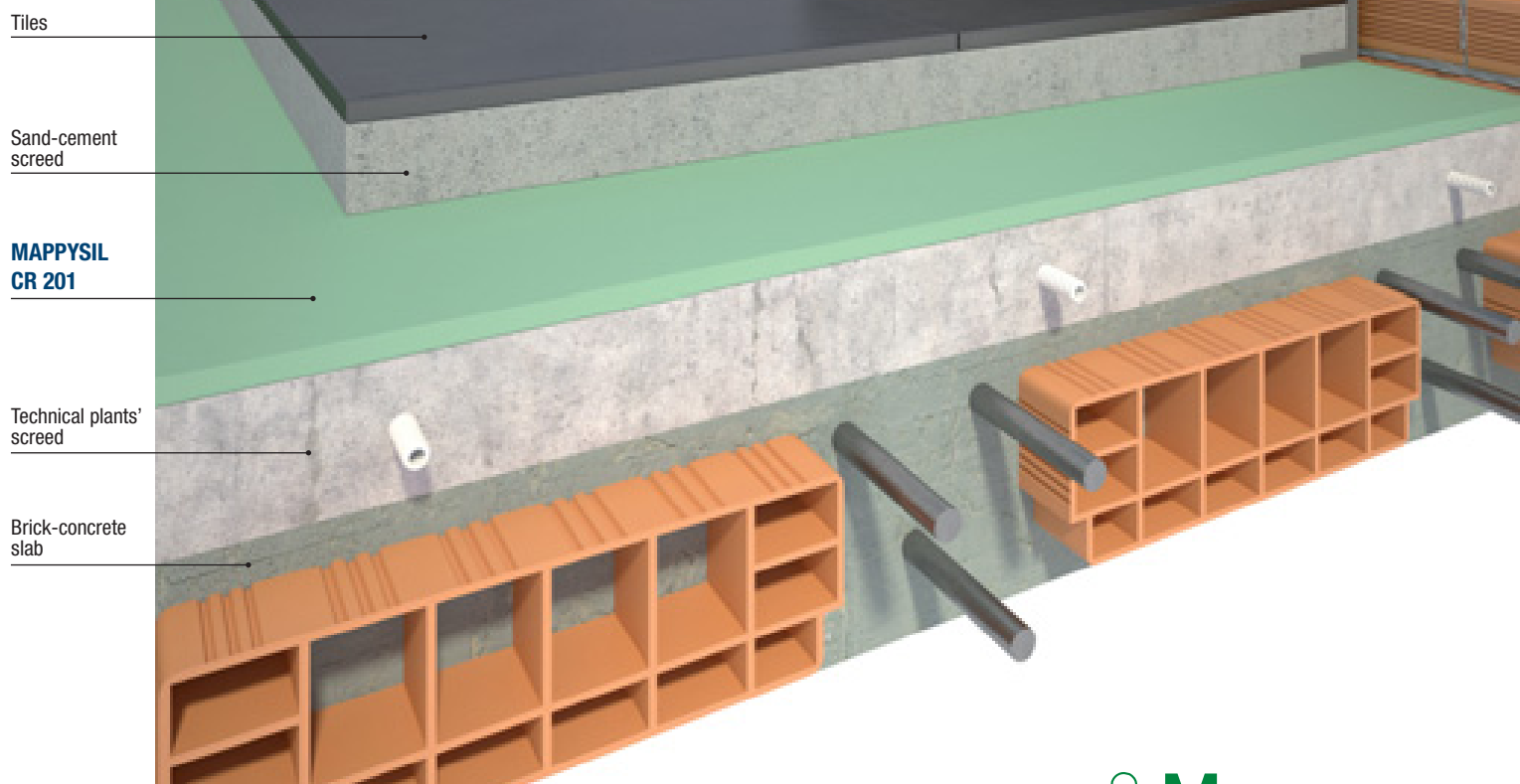
## Laying

Place **MAPPYSIL CR 201** on top of the plant levelling layer and seal the ends with **MAPPYTAPE TXT adhesive** (page 98) taking care not to leave gaps; the embossed surface must be placed facing up. Use Mappy Italia's **FASCIA PERIMETRALE** (page 90) between the horizontal partition and the just-placed mat so to build a completely floating slab; trim the band only after placing the coating on the floor.

**MAPPYSIL CR 201** can be cut using a cutter.



## New building



**CHEMICAL PE**

Colour	■
Density	~ 30 kg/m <sup>3</sup>

**ELASTOMERIC MASS**

Colour	■
Weight	~ 4 kg/m <sup>2</sup>
Reaction to fire	It does not spread fire (ISO 3795) EUROCLASS E (EN 13501)
Certifications	CE Marking

**PHYSICAL PE**

Colour	■
Density	~ 30 kg/m <sup>3</sup>

**MAPPYSIL CR 201**

Footstep noise reduction	thick. 6mm $\Delta L_w = 29\text{db}$ * (UNI EN ISO 140-6:2000, UNI EN ISO 717-2:1997)
--------------------------	--

\* Tested with a 7cm, 107kg/m<sup>2</sup> granite screed


**Items**

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
	Y0400061000A005XC	1000	6	5	A	mq	5 mq	SC	23,5x23,5x100,5	40	x	5 mq
Adhesive	Y0300061000A005XC	1000	6	5	A	mq	5 mq	SC	23,5x23,5x100,5	40	x	5 mq



# 4 Wood floor underlay leveling

The range of Mappy Italia's products to level wood floor underlay: comparison of performances

	FLOORFLEX	TERMOFLEX PLT CH GOFFRATO IGNIFUGO	UNDERFLOOR	UNDERFLOOR ALU	MAPPYFELTRO LV
<b>Green Building</b> 					●
<b>Ideal for heated floor</b>	●	●	●	●	●
<b>Reaction to fire</b>		CLASS 1			
<b>Colour</b>	○ ●	●	○	●	○
<b>Composition</b>	Physically reticulated PE	Chemically reticulated PE + AL	Non-reticulated PE	Non-reticulated PE + AL	50% Polyester 30% Cotton 20% Other fibers
<b>Thickness</b>	2 mm	3 mm	2 mm	2 mm	3 mm
<b><math>\lambda</math></b>	0,034 W/mK	0,0367 W/mK	0,04 W/mK	0,04 W/mK	
<b><math>\Delta L_w</math></b>	20 db*		13 db*	13 db*	13 db*
<b>Compression strain</b>					
<b>Deflection 25%</b>	35 KPa	24 KPa	20 KPa	20 KPa	
<b>Deflection 40%</b>	66 KPa	48 KPa			
<b>Deflection 50%</b>	99 KPa	112 KPa	70 KPa	70 KPa	
<b>Compression set</b> (deflection 25% 23°C)					
<b>0,5h after discharge</b>	(22 h) 22%	(22 h) 16,4%	(24 h)	(24 h)	
<b>24h after discharge</b>	11,9%	5,3%	5%	5%	

\*The values shown in the table are only an average and provide an indication of the general properties of MAPPY ITALIA's products: they are a general reference, estimated in advance and waiting for the certification.

# FLOORFLEX

High elastic memory:  
always returns  
to the initial thickness

## Description

**FLOORFLEX** is a sound insulating material composed of a waterproof flexible physically reticulated and closed cell polyethylene foam. This product can be molded and has excellent resistance to mechanical stress. **FLOORFLEX**, unlike a non-reticulated polyethylene material, even after being compressed comes back to its original thickness.

## Applications

**FLOORFLEX** is a thermoacoustic substrate suitable for wood floors and floating floors. It is ideal for insulation from footstep noise, it makes the floor more elastic and it levels small imperfections.

## Laying

**FLOORFLEX** rolls must be placed on the slab keeping them aligned and the two edges of the product must match; then they must be joined with **MAPPYTAPE TXT adhesive** (page 98).

After laying **FLOORFLEX** you can proceed with the installation of wood floor. In case of exceeding material on vertical walls, you should trim it with a cutter before installation of the skirting or baseboards.

## Standard laying

Parquet

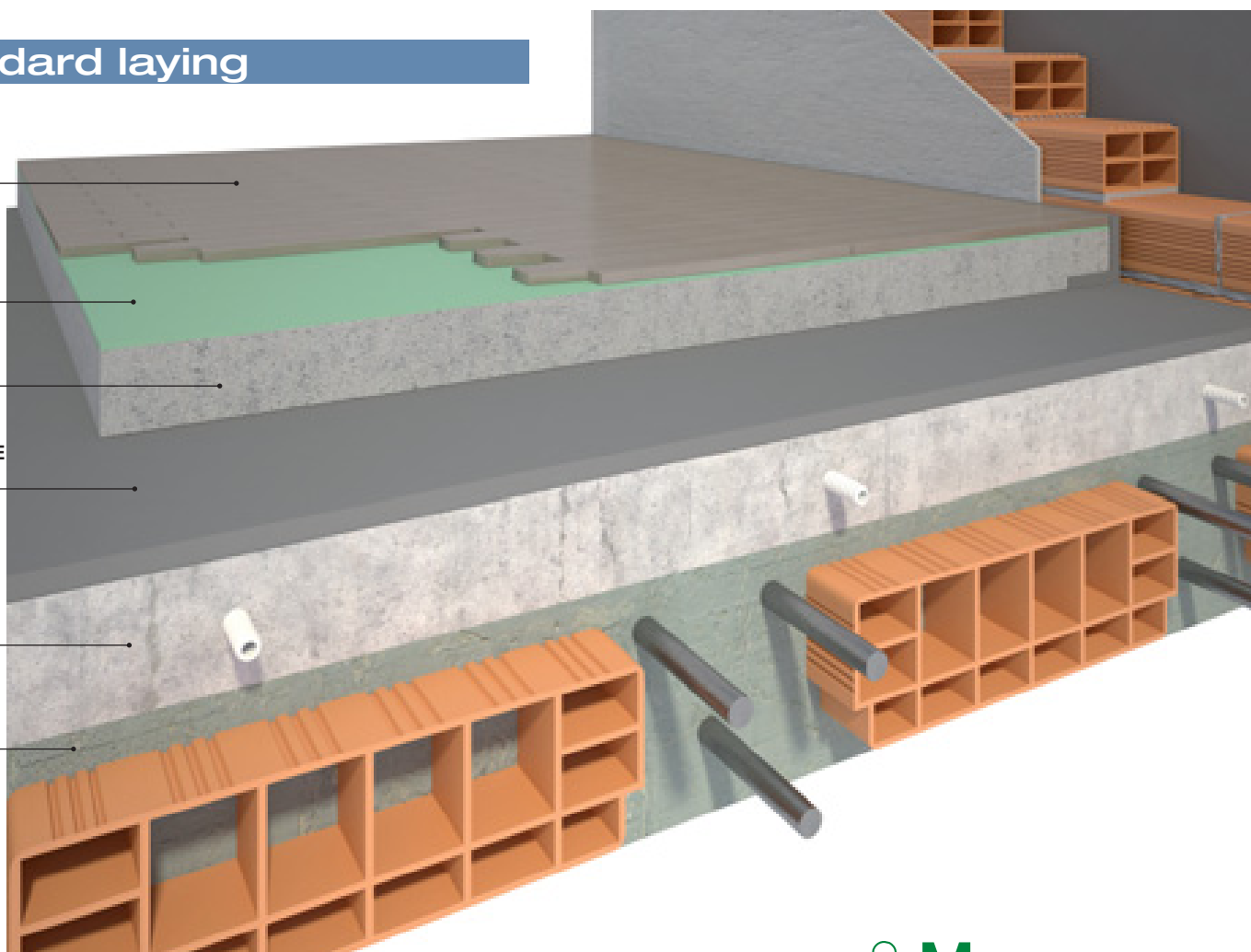
**FLOORFLEX**

Sand-cement screed

**MAPPY ITALIA'S  
PRODUCT TO REDUCE  
FOOTSTEP NOISE**

Technical plants'  
screed

Brick-concrete slab



<b>PE</b>	
Colour	<input type="checkbox"/>
Density	~ 26 kg/m <sup>3</sup>
Thermal conductivity λ	~ 0.034 W/mK

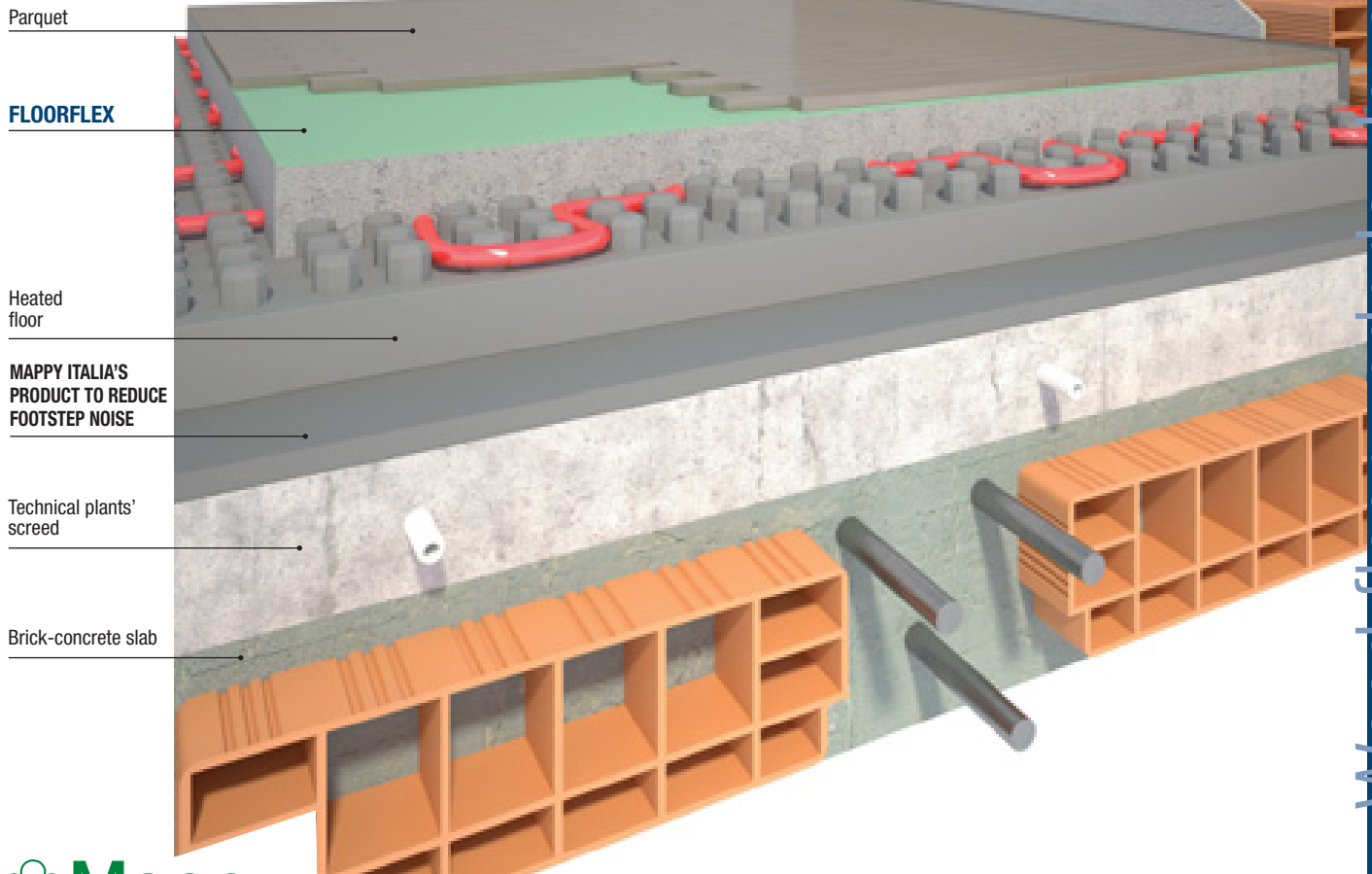
The line for wood floor underlay levelling has now become  
**"MAPPYWOOD LINE"**  
 Request the brochure or ask from the Customer Service!



## Items

Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
M040026011	1000	2	15	B	nr	1 Rlx	SC	117,3x77,3x102	600 mq	x	15 mq
M040026011	rlx diam.20 cm			B				(300 mq/sc)			
M0400021000B450	1000	2	450	B	mq	450 mq	S/P	-	-	x	450 mq

## With heated floor



Wood floor underlay levelling

## Description

**MAPPYFELTRO LV** is a felt composed of recycled polyester and natural fibers. Ideal for those who want high performances respecting nature.

## Applications

**MAPPYFELTRO LV** is an acoustic substrate, ideal for a floating wood floor: it smooths imperfections and protects the floor from moisture.

## Laying

**MAPPYFELTRO LV** rolls must be placed on the slab keeping them aligned and the two edges of the product must match; then they must be joined with **MAPPYTAPE TXT adhesive** (page 98). After laying **MAPPYFELTRO LV** you can proceed with the installation of wood floor. In case of exceeding material on vertical walls, you should trim it with a cutter before installation of the skirting or baseboards.

50% POLYESTER + NATURAL FIBERS

Colour

Density

~ 67 kg/m<sup>3</sup>

MAPPYFELTRO LV is a product of the new “MAPPY NATURALE - GREEN BUILDING PRODUCTS” line  
Request a brochure or ask for info at our Customer Service!

The line for wood floor underlay levelling has now become “MAPPYWOOD LINE”  
Request the brochure or ask from the Customer Service!

## Standard laying

Parquet

TERMOFLEX PLT CH  
GOFFRATO IGNIFUGO

MAPPYFELTRO LV

Sand-cement  
screed

MAPPY ITALIA'S  
PRODUCT TO REDUCE  
FOOTSTEP NOISE

Technical plants'  
screed

Brick-concrete slab

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
	I3000031000B075	1000	3	75	A	mq	75 ml	S/P	diam.60 cm	-		75 mq
	I300026015	1000	3	15	A	nr	1 Rlx	SC	117,3x77,3x102	600 mq		300 mq
	I300026015	rlx diam. 20 cm			A				(300 mq/sc)	equal to no.2		



# TERMOFLEX PLT CH GOFFRATO IGNIFUGO

## Description

**TERMOFLEX PLT CH GOFFRATO IGNIFUGO** is a chemically reticulated polyethylene insulation mat coupled to an aluminium film which is also fireproof (class 1). The aluminium provides an anti-condensation action. It is waterproof and does not rot.

## Applications

**TERMOFLEX PLT CH GOFFRATO IGNIFUGO** is a thermoacoustic substrate suitable for wood floors and floating floors. It is ideal for insulation from footstep noise, it makes the floor more elastic and it levels small imperfections.

## Laying

**TERMOFLEX PLT CH GOFFRATO IGNIFUGO** rolls must be placed on the slab with the aluminium layer facing up and keeping the rolls aligned and the two edges of the product matching; then they must be joined with **MAPPYTAPE TXT adhesive** (page 98). After laying **TERMOFLEX PLT CH GOFFRATO IGNIFUGO** you can proceed with the installation of the wood floor. In case of exceeding material on vertical walls, you should trim it with a cutter before installation of the skirting or baseboards.

### PE

Colour	■
Density	~ 30 kg/m <sup>3</sup>
Thermal conductivity λ	~ 0.0367 W/mK

### ALUMINIUM

Weight	~ 59.0 g/m <sup>2</sup>
Thickness	~ 0.044 mm

The line for wood floor underlay levelling has now become "**MAPPYWOOD LINE**". Request the brochure or ask from the Customer Service!

## With heated floor

Parquet

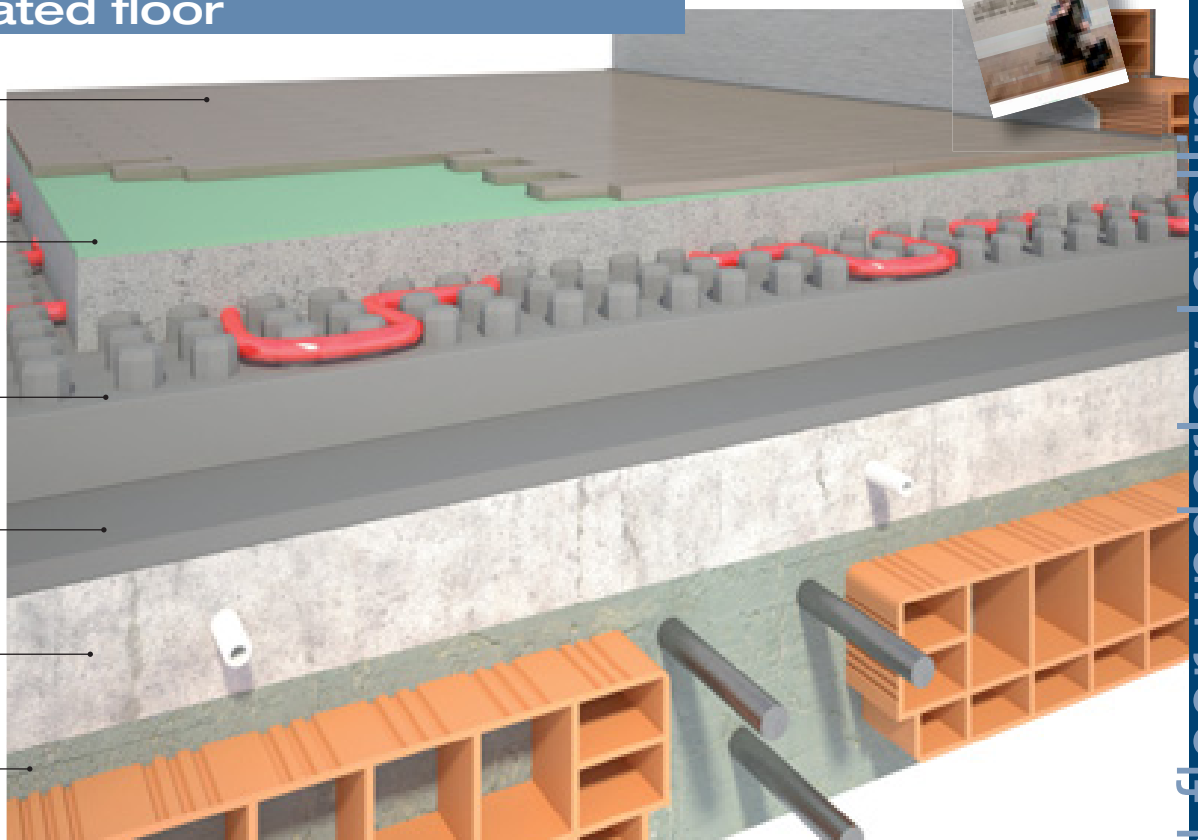
**TERMOFLEX PLT CH GOFFRATO IGNIFUGO**  
**MAPPYFELTRO LV**

Heated floor

**MAPPY ITALIA'S PRODUCT TO REDUCE FOOTSTEP NOISE**

Technical plants' screed

Brick-concrete slab



## Items

Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./Pack.	Pack.	Dim.Pack. (cm)	Qty./Pallet	RTS	Minimum
M160026010	1500	3	10	G	nr	10 ml	S/P	diam.30 cm	-		300 mq

# UNDERFLOOR

Quality and Price

## Description

**UNDERFLOOR** is an acoustic insulation substrate made of non-reticulated polyethylene; it does not rot, it is fully recyclable, and it is ideal for reducing footstep noise.

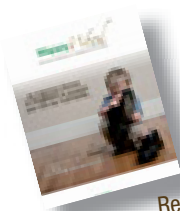
## Applications

**UNDERFLOOR** is a thermoacoustic substrate suitable for wood floors and floating floors: it makes the floor more elastic and it levels small imperfections.

## Laying

**UNDERFLOOR** rolls must be placed on the slab keeping them aligned and the two edges of the product must match; then they must be joined with **MAPPYTAPE TXT adhesive** (page 98). After laying **UNDERFLOOR** you can proceed with the installation of wood floor. In case of exceeding material on vertical walls, you should trim it with a cutter before installation of the skirting or baseboards.

PE	
Colour	□
Density	~ 20 kg/m <sup>3</sup>
Thermal conductivity $\lambda$	~ 0.04 W/mK (UNI EN 12667:2002)



The line for wood floor underlay levelling has now become "**MAPPYWOOD LINE**".  
Request the brochure or ask from the Customer Service!

## Standard laying

Parquet

**UNDERFLOOR**

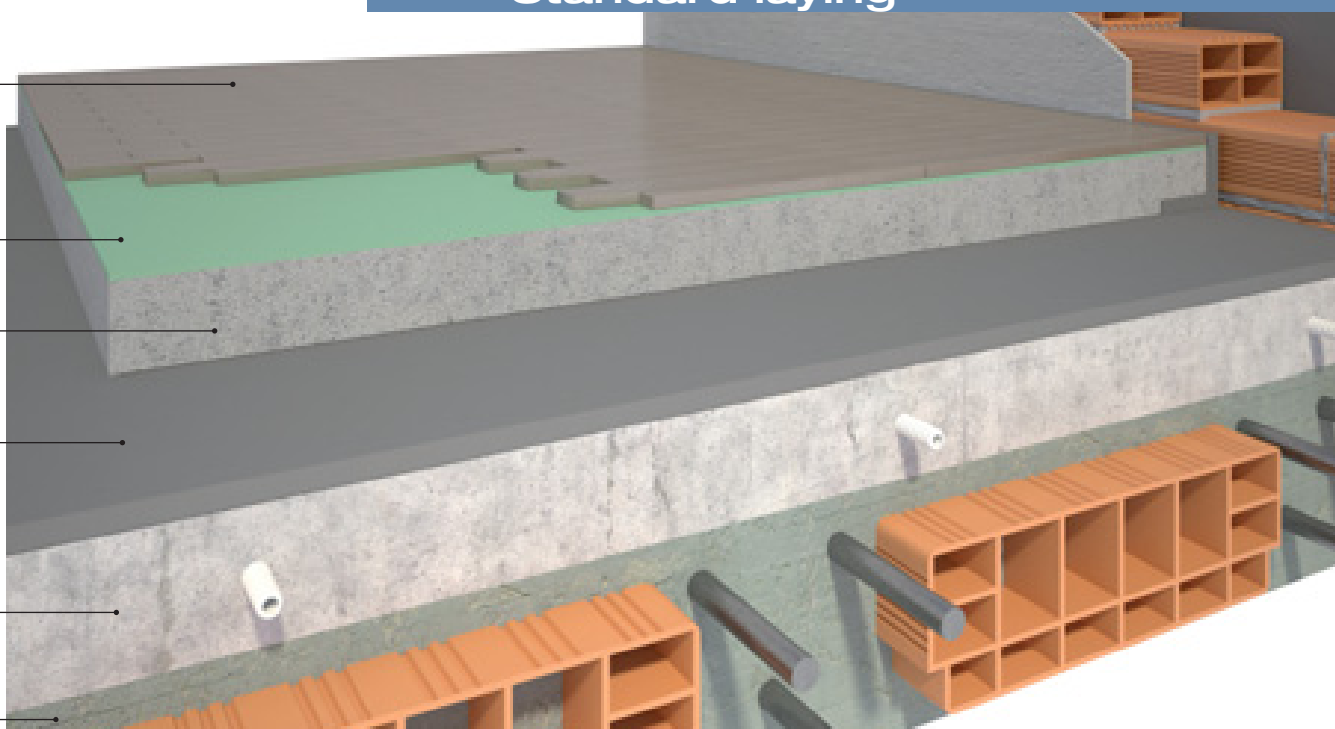
**UNDERFLOOR ALU**

Sand-cement screed

**MAPPY ITALIA'S PRODUCT TO REDUCE FOOTSTEP NOISE**

Technical plants' screed

Brick-concrete slab



## Items

Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./Pack.	Pack.	Dim.Pack. (cm)	Qty./Pallet	RTS	Minimum
M180026013	1000	2	15	B	nr	1 Rlx	SC	117,3x77,3x102	600 mq		300 mq
M180026013	rx diam. 20 cm			B				(300 mq/sc)	equal to no.2		

# UNDERFLOOR ALU

Economic

## Description

**UNDERFLOOR ALU** is an acoustic insulation substrate made of non-reticulated polyethylene coupled with an aluminium layer. It is ideal for insulation from footstep noise, it is impermeable, it does not rot, it is fully recyclable, and the aluminium provides an anti-condensation action.

## Applications

**UNDERFLOOR ALU** is a thermoacoustic substrate suitable for wood floors and floating floors: it makes the floor more elastic and it levels small imperfections.

## Laying

**UNDERFLOOR ALU** rolls must be placed on the slab with the aluminium layer facing up towards the wood floor and keeping the rolls aligned and the two edges of the product matching; then they must be joined with **MAPPYTAPE TXT adhesive** (page 98). After laying **UNDERFLOOR ALU** you can proceed with the installation of wood floor. In case of exceeding material on vertical walls, you should trim it with a cutter before installation of the skirting or baseboards.

<b>PE</b>	
Colour	■
Density	~ 20 kg/m <sup>3</sup>
Thermal conductivity λ	~ 0.04 W/mK
<b>ALUMINIUM</b>	
Weight	~ 59.0 g/m <sup>2</sup>
Thickness	~ 0.044 mm

The line for wood floor underlay levelling has now become "**MAPPYWOOD LINE**". Request the brochure or ask from the Customer Service!

## With heated floor

Parquet

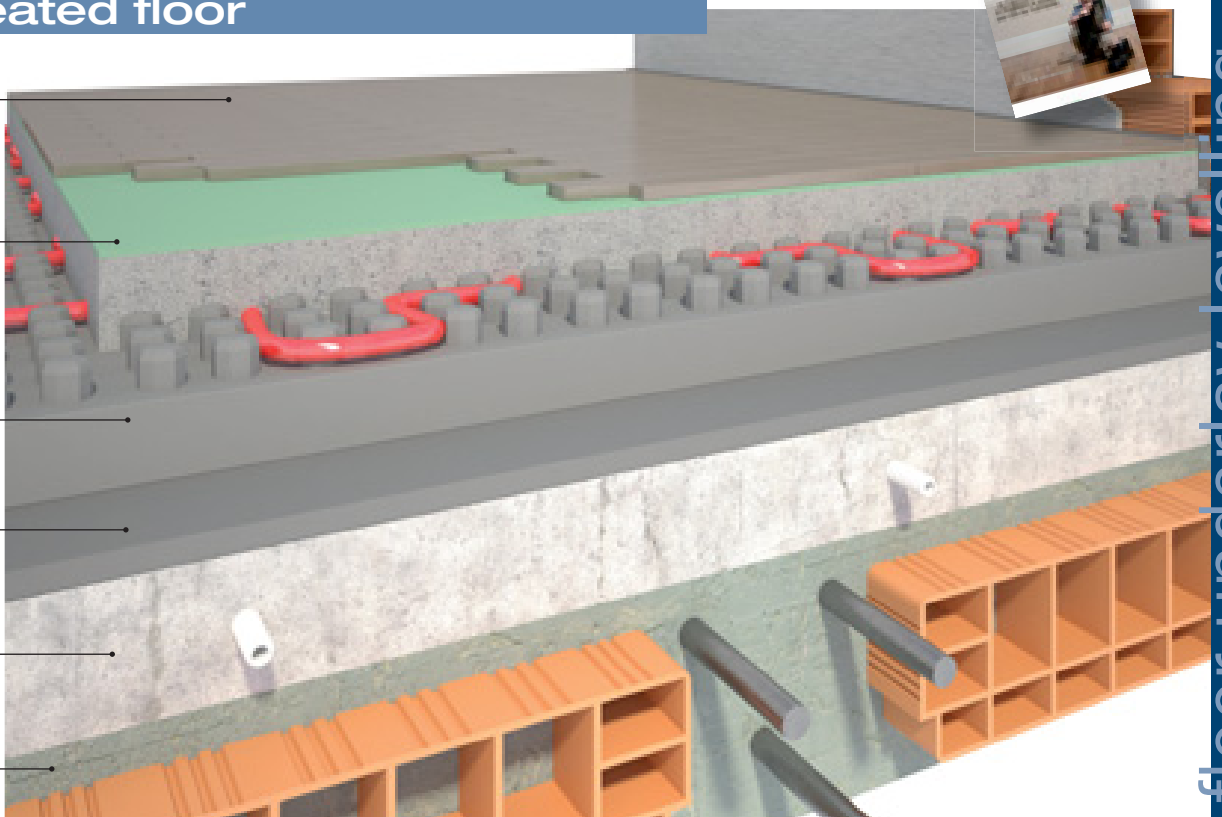
**UNDERFLOOR**  
**UNDERFLOOR ALU**

Heated floor

**MAPPY ITALIA'S**  
**PRODUCT TO REDUCE**  
**FOOTSTEP NOISE**

Technical plants' screed

Brick-concrete slab



## Items

Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./Pack.	Pack.	Dim.Pack. (cm)	Qty./Pallet	RTS	Minimum
M200026014	1000	2	15	A	nr	1 Rlx	SC	117,3x77,3x102	600 mq		300 mq
M200026014	rlx diam. 20 cm					A		(300 mq/sc)	equal to no.2		



# Pipe insulation

The range of Mappy Italia's products to insulate pipe:  
performance comparison

	Noise Reduction when the product is installed on a water discharge pipe system in the Fraunhofer laboratory (Flow rate between 0.5 and 4 liters per second )		
	Sound reduction index of the product Rw	Improvement in the installation area	Improvement in the adjacent area behind a concrete wall
<b>MAPPYSIL BRT 500</b>		16 - 18 db	5 db
<b>MAPPYSIL FR AL 203, MAPPYSIL CR 203</b>	27		
<b>MAPPYSIL FR AL 201, MAPPYSIL CR 201</b>	25		
<b>MAPPYSILENT FR AL PLT</b>	25		
<b>MAPPYSILENT, MAPPYSILENT FR AL</b>	27		
<b>MAPPYTUBE</b>			

Data included in the table represent the highest performance solutions that MAPPY ITALIA has chosen, according to current legislation and in line with the highest industry standards. The values are in fact all certified and tested by external laboratories to ensure the highest quality.

# MAPPYSIL BRT 500

## Description

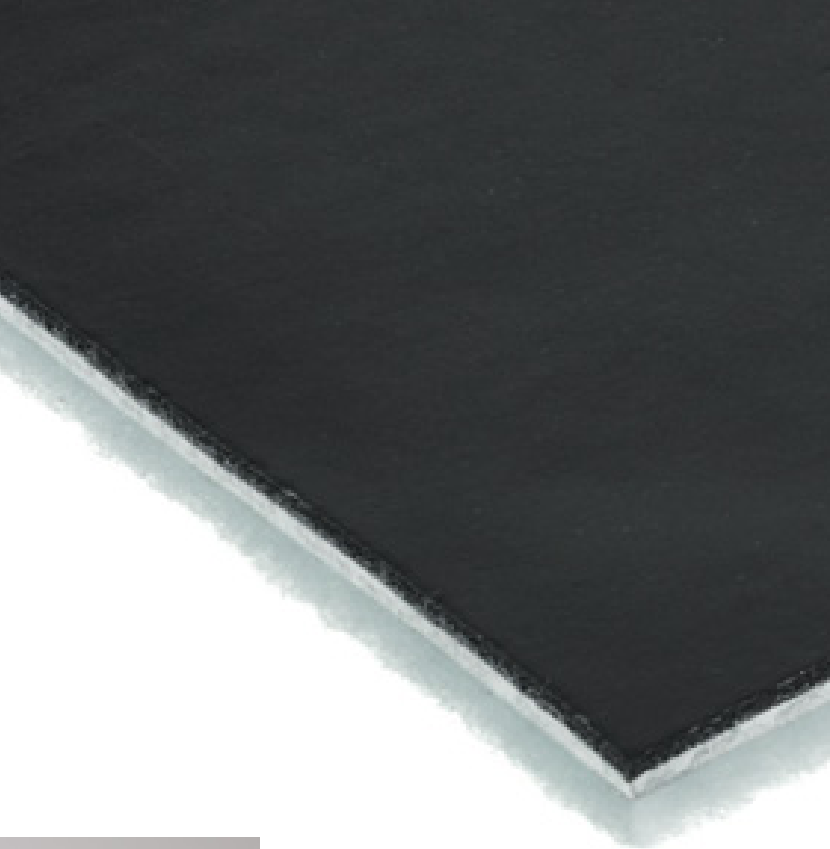
**MAPPYSIL BRT 500** is a sound and thermal insulation panel in Class 1, consisting of an elastomeric high density barrier (EPDM) between a layer of PVC-nitrile and a layer of polyester fibers. Upon request it is available in an adhesive version with water-based acrylic adhesive to support the installer during the positioning phase.

## Applications

**MAPPYSIL BRT 500** is ideal for acoustic and thermal insulation of pipes in particular outlet pipes, outlet columns, pipes for channelling systems in general, and when it is necessary to have a class 1 material.

## Laying

Wrap **MAPPYSIL BRT 500** around the disturbing element with the polyester fiber side facing the noise source, taking care not to leave gaps. Seal using Mappy Italia's **ELASTOFLEX** tape. To achieve a smoother laying we recommend the adhesive version. The product can be cut using a cutter.

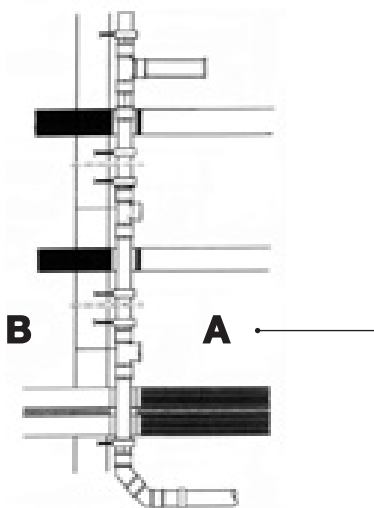


### New building

MAPPYSIL BRT 500

MAPPYSIL BRT 500

MAPPYSIL BRT 500



### FIBER

Colour *	■
Density	40 kg/m <sup>3</sup>
Thermal Conductivity $\lambda$	0.0341 W/mK (EN 12667:2001, EN 12664:2001)
Reaction to fire	B s1 d0 (EN 13501-1:2007) Class 1 (UNI 9177:1087)
Smoke index	F1 (NF F 16-101:1988)

### NITRILE PVC

Colour	■
Thermal Conductivity $\lambda$	0.035 W/mK (EN 12667, DIN 52612)
Reaction to fire	Class 1 (BS 476-7) Class 0 (BS 476-6)

### ELASTOMERIC MASS

Colour	■
Weight	~ 4 kg/m <sup>2</sup>
Thermal Conductivity $\lambda$	0.021 W/mK (EN 12667:2001, EN 12664:2001)
Reaction to fire	Class 1 (UNI 9177)
Smoke index	F1 (AFNOR NF F16-101)

Certification timoncino, low flame propagation (MED, 96/98/CE)

### MAPPYSIL BRT 500

	Flow rate	0,5 l/s	1,0 l/s	2,0 l/s	4,0 l/s
$\Delta L_{AF,10(A)}$	<b>A</b> Measurement in the installation area with insulated plumbing	18db(A)	18db(A)	17db(A)	16db(A)
$\Delta L_{AF,10(B)}$	<b>B</b> Measurement in the area behind the installation wall (e.g. pipe placed in a small technical courtyard)	5db(A)	5db(A)	5db(A)	5db(A)

\* The color is indicative of the material, it may vary depending on the availability of raw materials. We absolutely guarantee the same technical characteristics and performance of the product.

\*  $\Delta L_{AF,10}$  is the difference between the measurements with and without the acoustic insulation system for waste waters

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
	Y9200141000F002XC	1000	14	2	F	mq	2 mq	SC	23,5x23,5x100,5	40		100 mq
Adhesive	Y9100141000F002XC	1000	14	2	F	mq	2 mq	SC	23,5x23,5x100,5	40		100 mq

# MAPPYSIL FR AL 203

## Description

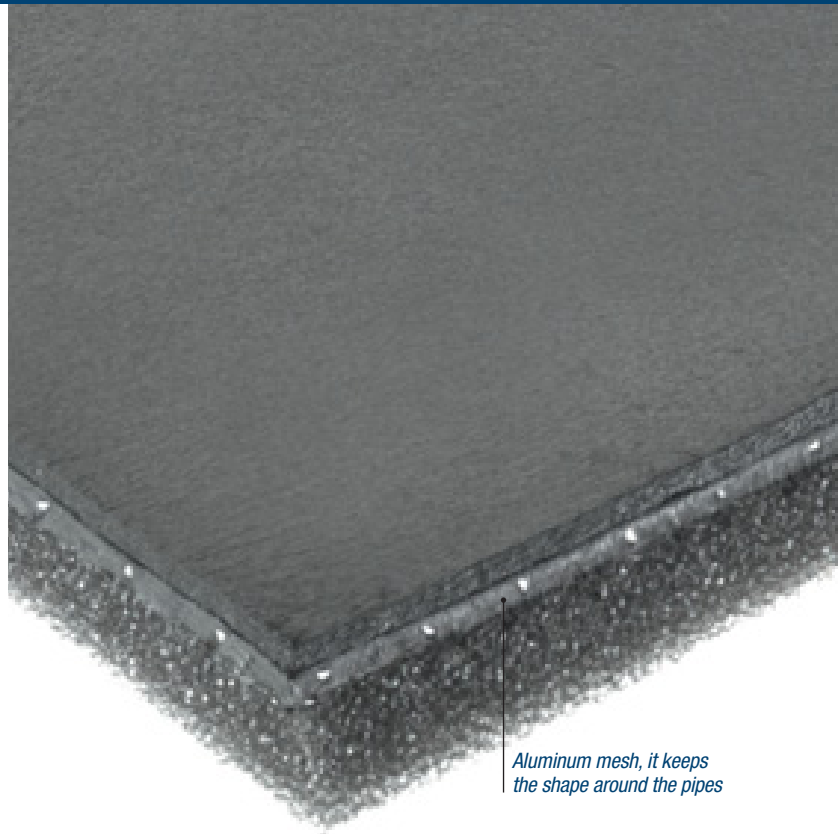
**MAPPYSIL CR 203** and **MAPPYSIL FR AL 203** are sound and thermal insulation panels and are composed of a high density elastomeric barrier covered by a layer of self-extinguishing open-cell polyurethane on one side and a physically reticulated closed-cell polyethylene layer. The FR AL version differs from the CR version because it contains an aluminum net inside the elastomeric barrier which allows holding a moulded shape. **MAPPYSIL CR 203** and **MAPPYSIL FR AL 203** are also available in an adhesive version with water based acrylic glue to support the installer during the positioning phase.

## Applications

**MAPPYSIL CR 203** and **MAPPYSIL FR AL 203** are ideal for acoustic and thermal insulation of pipes in particular outlet pipes, outlet columns, pipes for channelling systems in general, and specifically for insulating roller shutter housing.

## Laying

Wrap **MAPPYSIL CR 203** or **MAPPYSIL FR AL 203** around the disturbing element with the polyurethane foam side facing the noise source, taking care not to leave gaps. Seal using Mappy Italia's **POLISTIK** (page 92) tape. To achieve a smoother laying we recommend the adhesive version. Both products can be cut using a cutter.



*Aluminum mesh, it keeps  
the shape around the pipes*

## New building

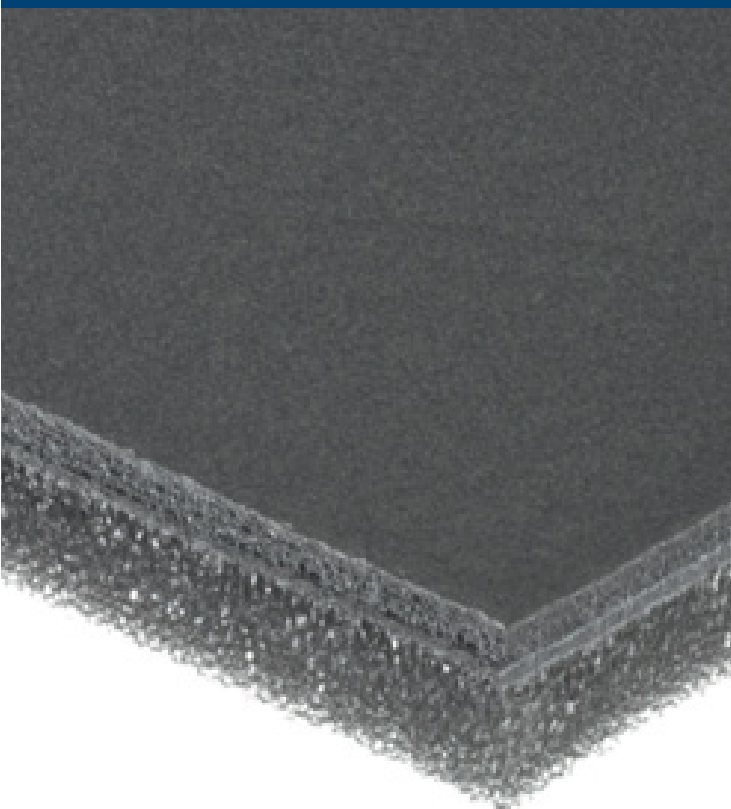
**MAPPYSIL CR 203**  
**MAPPYSIL FR AL 203**

**MAPPYSIL CR 203**  
**MAPPYSIL FR AL 203**





# MAPPYSIL CR 203



PHYSICAL PE	
Colour	■
Density	~ 30 kg/m <sup>3</sup>
ELASTOMERIC MASS	
Colour	■
Weight	~ 4 kg/m <sup>2</sup>
Reaction to fire	It does not spread fire (ISO 3795) EUROCLASS E (EN 13501)
Certifications	CE Marking
RESIN	
Colour	■
Density	~ 30 kg/m <sup>3</sup> (±10%)
Thermal Conductivity λ	~ 0,035 W/mK
Reaction to fire	HF1 (UL94)
MAPPYSIL FR AL 203/ MAPPYSIL CR 203	

Acoustic insulation of the sole product

thick. 14mm Rw = 27 db  
(ISO 140-3:1995, ISO 140-1:1997,  
140-2:1991, ISO 717-1:1996/717-1:1997)



MAPPYSIL CR 203  
MAPPYSIL FR AL 203

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
<b>MAPPYSIL FR AL 203</b>												
	D7000141000A002XC	1000	14	2	A	mq	2 mq	SC	23,5x23,5x100,5	40	x	2 mq
Adhesive												
<b>MAPPYSIL CR 203</b>	D6900141000A002XC	1000	14	2	A	mq	2 mq	SC	23,5x23,5x100,5	40		100 mq
	Y0800121000A002XC	1000	12	2	A	mq	2 mq	SC	23,5x23,5x100,5	40	x	2 mq
Adhesive on PE	Y0700121000A002XC	1000	12	2	A	mq	2 mq	SC	23,5x23,5x100,5	40	x	2 mq
Adhesive on PU	Y07Y0121000A002XC	1000	12	2	A	mq	2 mq	SC	23,5x23,5x100,5	40		100 mq

### Description

**MAPPYSIL CR 201** and **MAPPYSIL FR AL 201** are sound and thermal insulation panels and are composed of an elastomeric high density mass covered on one side by a chemically reticulated polyethylene layer with an anti-scratch surface, and on the other side by a layer of closed-cell physically reticulated polyethylene. The protective anti-scratch film has been specifically developed to avoid surface tears and/or cracks during application. The Fr Al version differs from the CR version because it contains an aluminium net inside the elastomeric barrier which allows holding a moulded shape. **MAPPYSIL CR 201** and **MAPPYSIL FR AL 201** are also available in an adhesive version with water-based acrylic glue.

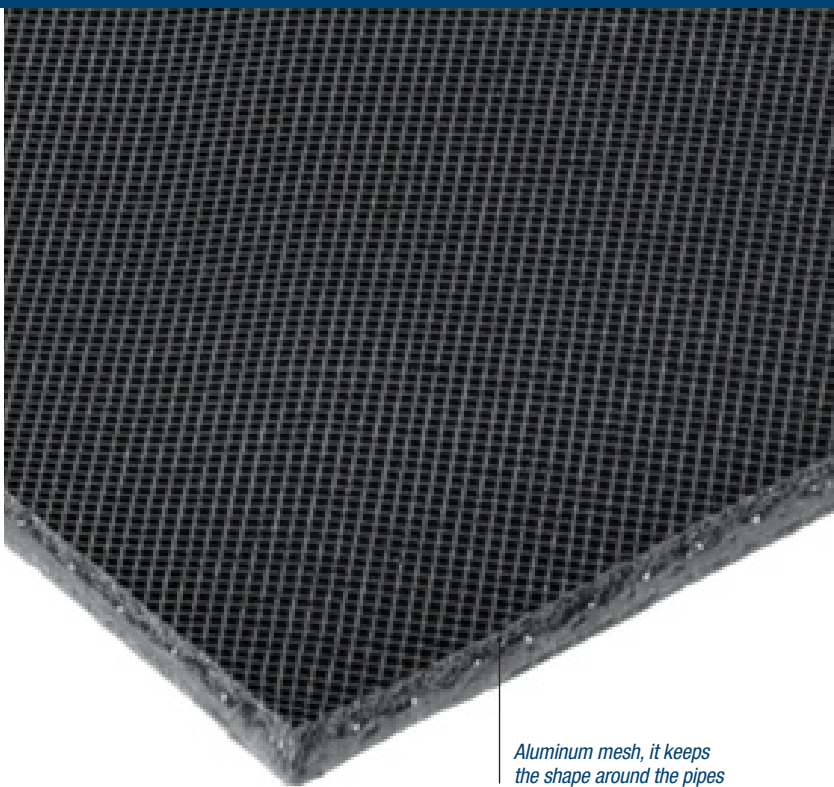
### Applications

The reduced thickness of 6mm makes **MAPPYSIL CR 201** and **MAPPYSIL FR AL 201** ideal for sound and thermal insulation of pipes in particular outlet pipes, outlet columns, pipes for channelling systems in general, and mainly in the presence of reduced space availability.

### Laying

Wrap **MAPPYSIL CR 201** or **MAPPYSIL FR AL 201** around the disturbing element with the non-embossed polyethylene foam side facing the element to insulate, taking care not to leave gaps. Seal using Mappy Italia's **POLISTIK** (page 92) tape. To achieve a smoother laying we recommend the adhesive version.

Both products can be cut using a cutter.



*Aluminum mesh, it keeps the shape around the pipes*

## New building

**MAPPYSIL CR 201**  
**MAPPYSIL FR AL 201**

**MAPPYSIL CR 201**  
**MAPPYSIL FR AL 201**



# MAPPYSIL CR 201



CHEMICAL PE	
Colour	■
Density	~ 30 kg/m <sup>3</sup>
ELASTOMERIC MASS	
Colour	■
Weight	~ 4 kg/m <sup>2</sup>
Reaction to fire	It does not spread fire (ISO 3795) EUROCLASS E (EN 13501)
Certifications	CE Marking
PHYSICAL PE	
Colour	■
Density	~ 30 kg/m <sup>3</sup>
MAPPYSIL FR AL 201/ MAPPYSIL CR 201	

Acoustic insulation of  
the sole product

thick. 7mm Rw = 25 db  
(ISO 140-3:1995, ISO 140-1:1997,  
140-2:1991, ISO 717-1:1996)



MAPPYSIL CR 201

MAPPYSIL FR AL 201

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
<b>MAPPYSIL FR AL 201</b>												
	D6600061000A005XC	1000	6	5	A	mq	5 mq	SC	23,5x23,5x100,5	40	x	5 mq
Adhesive on PE	D6500061000A005XC	1000	6	5	A	mq	5 mq	SC	23,5x23,5x100,5	40	x	5 mq
<b>MAPPYSIL CR 201</b>												
	Y0400061000A005XC	1000	6	5	A	mq	5 mq	SC	23,5x23,5x100,5	40	x	5 mq
Adhesive on PE	Y0300061000A005XC	1000	6	5	A	mq	5 mq	SC	23,5x23,5x100,5	40	x	5 mq

# MAPPYSILENT FR AL PLT

The acoustic barrier with an anti-condensation material

## Description

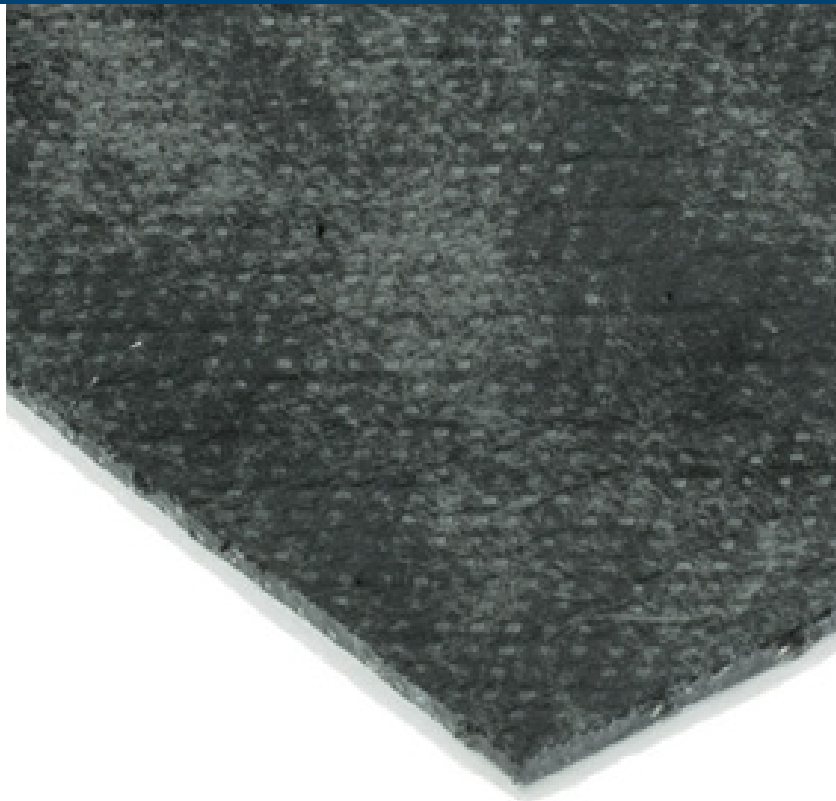
**MAPPYSILENT FR AL PLT** is an anti-condensation and flexible sound and thermal insulation panel. It is composed of a high density EPDM barrier with added mineral loads coupled with a physically reticulated closed-cell polyethylene layer. It is also available in an adhesive version with hot-melt glue to support the installer during the positioning phase.

## Applications

The reduced thickness of 4mm makes **MAPPYSILENT FR AL PLT** ideal for sound insulation of pipes in particular outlet pipes, outlet columns, pipes for channelling systems in general, and mainly in the presence of reduced space availability with the necessity of an anti-condensation barrier.

## Laying

Wrap **MAPPYSILENT FR AL PLT** around the disturbing element with the EPDM side facing the noise source, taking care not to leave gaps. Seal using Mappy Italia's **POLISTIK** (page 92) tape. To achieve a smoother laying we recommend the adhesive version. The product can be cut using a cutter.



## New building

**MAPPYSILENT  
FR AL PLT**

**MAPPYSILENT  
FR AL PLT**

**MAPPYSILENT  
FR AL PLT**

**ELASTOMERIC MASS**

Colour	■
Weight	~ 4 kg/m <sup>2</sup>
Reaction to fire	It does not spread fire (ISO 3795) EUROCLASS E (EN 13501)
Certifications	CE Marking

**PHYSICAL**

Colour	■
Density	~ 30 kg/m <sup>3</sup>

**MAPPYSILENT FR AL PLT**

Acoustic insulation of the sole product	thick. 4mm Rw = 27 db (ISO 717-1, ISO 140-3)
---	---

**Items**

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
Tolerance ± 2cm	D6400041000G005	1000	4	5	A	mq	5 mq	SC	23,5x23,5x100,5	40		50 mq

### Description

**MAPPYSILENT** and **MAPPYSILENT FR AL** are flexible sound insulation barriers, which are ideal as lead substitute; they are composed of EPDM and minerals loads that provide high density.

**MAPPYSILENT FR AL** differs from **MAPPYSILENT** for the presence on the surface of a non-textile fabric coating and, on the inside, for an aluminum net that allows the panel to hold the shape that it has been moulded into. It is also available in an adhesive version with hot-melt glue to support the installer during the positioning phase.

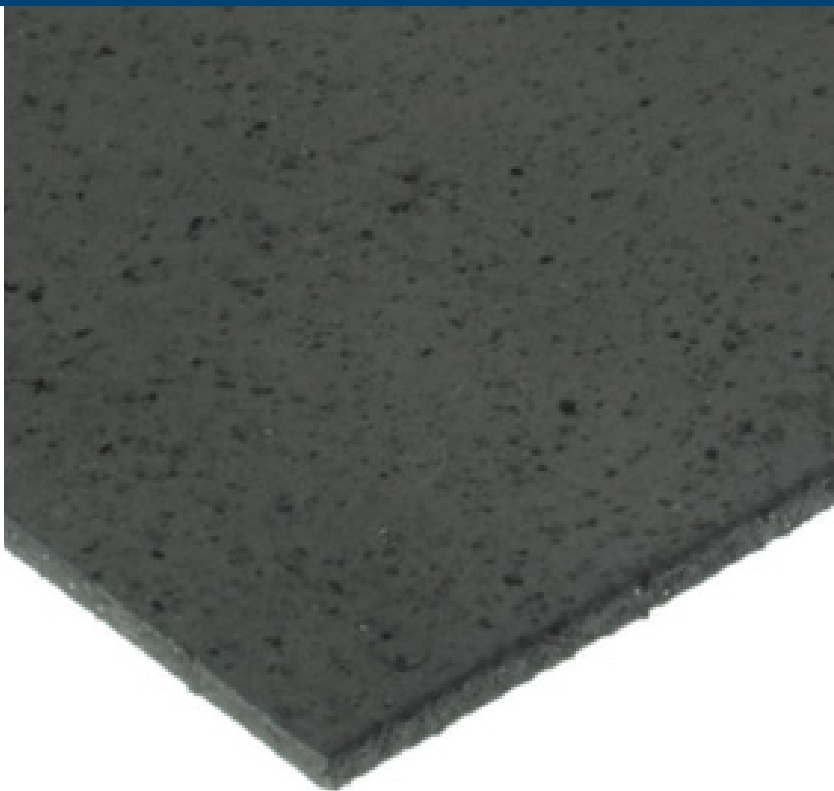
### Applications

The reduced thickness of 2 mm makes **MAPPYSILENT** and **MAPPYSILENT FR AL** ideal for sound insulation of pipes in particular outlet pipes, outlet columns, pipes for channelling systems in general, and mainly in the presence of reduced space availability.

### Laying

Wrap **MAPPYSILENT** or **MAPPYSILENT FR AL** around the disturbing element taking care not to leave gaps. Seal using Mappy Italia's **POLISTIK** (page 92) tape. To achieve a smoother laying we recommend the adhesive version.

Both products can be cut using a cutter.



### New building

**MAPPYSILENT**  
**MAPPYSILENT FR AL**

**MAPPYSILENT**  
**MAPPYSILENT FR AL**



# MAPPYSILENT FR AL

## MAPPYSILENT / MAPPYSILENT FR AL

Colour	■
Weight	~ 4 kg/m <sup>2</sup>
Reaction to fire	It does not spread fire (ISO 3795) EUROCLASS E (EN 13501)
Certifications	CE Marking

### MAPPYSILENT MAPPYSILENT FR AL

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
<b>MAPPYSILENT</b>												
	G0200041000G010	1000	2	10	G	mq	10 mq	BA	120x80x90	150 mq	x	10 mq
	G0200041000G010	rx diam. 18 cm										
Adhesive	G01H0041000G010	1000	2	10	G	mq	10 mq	BA	120x80x90	150 mq		300 mq
	G01H0041000G010	rx diam. 18 cm										
<b>MAPPYSILENT FR AL</b>												
	D6200041000A010	1000	2	10	A	mq	10 mq	BA	120x80x90	150 mq		50 mq
	D6200041000A010	rx diam. 18 cm										
Adhesive	D6100041000A010	1000	2	10	A	mq	10 mq	BA	120x80x90	150 mq		50 mq
	D6100041000A010	rx diam. 18 cm										

## Description

**MAPPYTUBE** is an anti-condensation and thermal insulation material in class B1. It is composed of reticulated polyethylene foam covered with an anti-scratch polyethylene film.

## Applications

**MAPPYTUBE** is ideal for thermal insulation of pipes in particular water, refrigeration, and air conditioning pipes when an anti-condensation material is required.

## Laying

Wrap the pipes with **MAPPYTUBE** and seal with Mappy Italia's **POLISTIK** (page 92) tape.  
The product can be cut using a cutter.

### MAPPYTUBE

Colour	■
Weight	~ 35 kg/m <sup>3</sup>
Reaction to fire	B1 (DIN 4102)



**MAPPYTUBE**

## New building



## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
	R02001000180018A	d.i.18	10	1	A	ml	140 ml	SC	103x41x71	6 sc	x	140 ml
	R02001000220022A	d.i.22	10	1	A	ml	130 ml	SC	103x41x71	6 sc	x	130 ml
	R02001000280028A	d.i.28	10	1	A	ml	100 ml	SC	103x41x71	6 sc	x	100 ml
	R02001000350035A	d.i.35	10	1	A	ml	70 ml	SC	103x41x71	6 sc	x	70 ml
	R02001000420042A	d.i.42	10	1	A	ml	55 ml	SC	103x41x71	6 sc	x	55 ml
	R02001000480048A	d.i.48	10	1	A	ml	45 ml	SC	103x41x71	6 sc	x	45 ml
	R02001000600060A	d.i.60	10	1	A	ml	40 ml	SC	103x41x71	6 sc	x	40 ml





## 6 Roof insulation

# Roof insulation

## Description

**MAPPYWOOL RF** is a thermoacoustic insulation material for roofs, composed of a needle punch wadding made of 100% pure virgin wool. It is recyclable, natural and fully compatible with the environment. The wool is treated for permanent moth protection.

## Applications

**MAPPYWOOL RF** is ideal for sound and thermal insulation of wooden roof boarding-coverings and with brick-concrete slab. It can also be used during renovations, placing it in the roof as covering of garrets.

## Laying

Place the rafter and cover it with roof boards and vapour barrier, place on top 5cm thick wood slate battens in a parallel way and space the same height as the roll of wool; unroll inside there **MAPPYWOOL RF**, repeat perpendicularly to the first wood slate battens with the same thickness and place again **MAPPYWOOL RF**. Finally cover with roof boardings and a highly transpiring sheet. You may add a 3 cm batten to ventilate the roof. End the execution of the roof with the positioning of the tiles.

100%  
virgin wool

## New Building

Tiles


Transpiring sheet

**MAPPYWOOL RF**

Slate batten

Vapour barrier

Roof boards

WOOL	
Colour	
Density	~ 20 kg/m <sup>3</sup>
Thermal conductivity $\lambda$	0.0428 W/mK (UNI EN 8302/91)
Water vapour resistance coefficient $\mu$	1-1.5
Acoustic absorption	$\alpha_w = 0,70$ (UNI EN ISO 354:2003)

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
Density 20kg/m <sup>3</sup>	I140005006000010	600	50	10	0	ml	10 ml	S/P	-	-		30 ml



MAPPYWOOL RF is a product of the new  
**"MAPPY NATURALE - GREEN BUILDING PRODUCTS"** line  
 Request a brochure or ask for info at our Customer Service!

## Description

**MAPPYFLASH** is a waterproof damping adhesive tape made of bitumen-rubber coated with aluminium.

## Applications

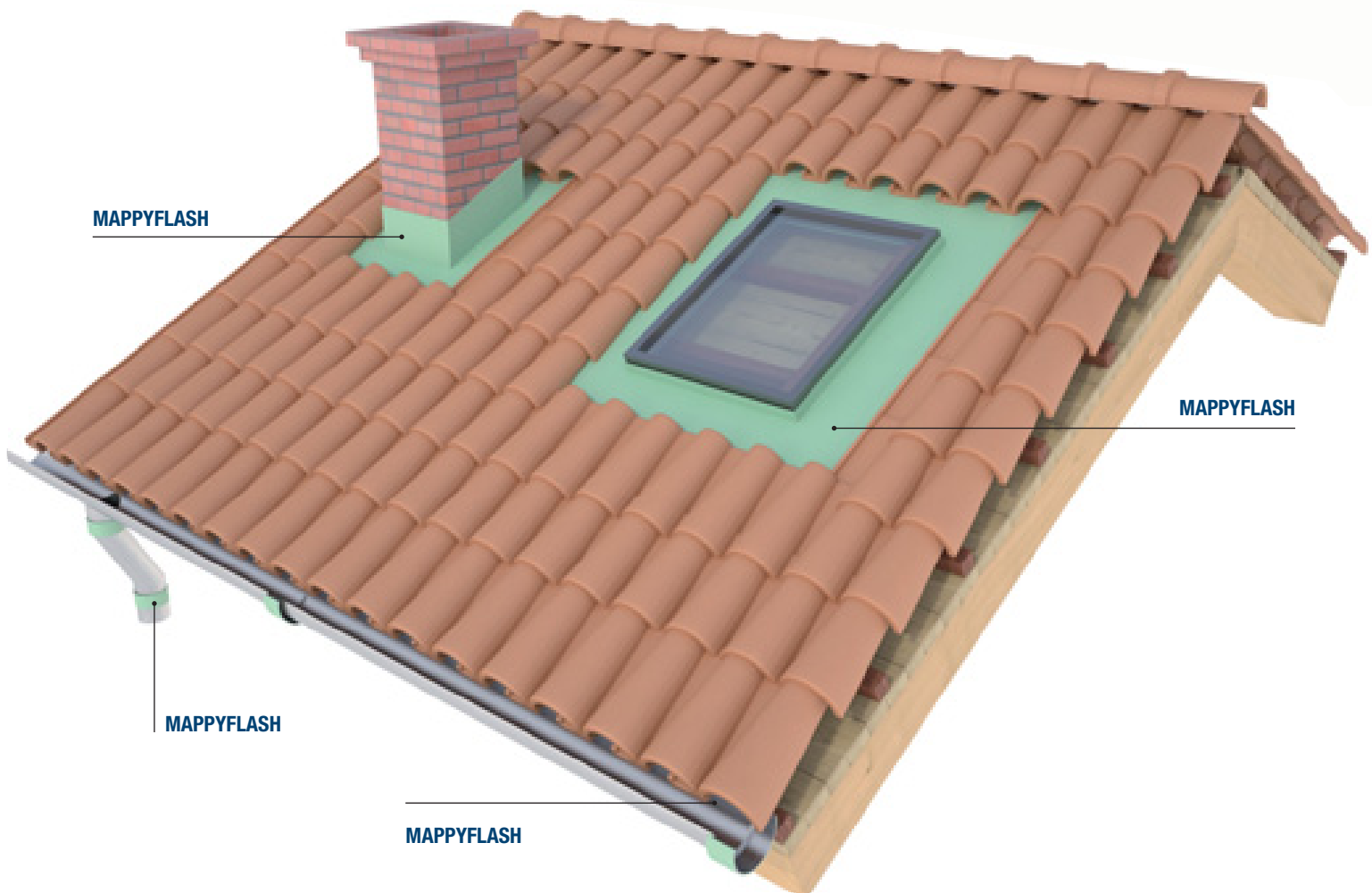
**MAPPYFLASH** is ideal for sealing windows and skylights, metal and glass structures, plastic, and to repair roofs, gutters, tiles and pipes in general. It can also be applied to various materials with a damping function.

## Laying

Unroll **MAPPYFLASH** and remove the siliconized film, apply the product making sure that the surface is dry, compact and free of impurities.



## New Building



**MAPPYFLASH**Colour ■

Reaction to fire

Euroclass E  
(EN 11925-2, EN 13501-1)**Items**

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
Adhesive	Q410000050P010	50	1,46	10	P	nr	6 rlx	SC	32,5x19x19	96 sc.	x	6 rlx
Adhesive	Q410000075P010	75	1,46	10	P	nr	4 rlx	SC	32,5x19x19	96 sc.	x	4 rlx
Adhesive	Q4100000100P010	100	1,46	10	P	nr	3 rlx	SC	32,5x19x19	96 sc.	x	3 rlx
Adhesive	Q4100000150P010	150	1,46	10	P	nr	2 rlx	SC	32,5x19x19	96 sc.	x	2 rlx
Adhesive	Q4100000225P010	225	1,46	10	P	nr	2 rlx	SC	32,5x19x19	63 sc.	x	2 rlx
Adhesive	Q4100000300P010	300	1,46	10	P	nr	1 rlx	SC	32,5x19x19	96 sc.	x	1 rlx
Adhesive	Q4100000450P010	450	1,46	10	P	nr	1 rlx	SC	20,5x47x19,5	63 sc.	x	1 rlx
Adhesive	Q4100000600P010	600	1,46	10	P	nr	1 rlx	SC	20,5x47x19,5	63 sc.	x	1 rlx
Adhesive	Q4100000900P010	900	1,46	10	P	nr	1 rlx	SC	106x18,5x18,5	24 sc.	x	1 rlx

# BUTYFLEX T 250 AL

The butylic damping material  
par excellence

## Description

**BUTYFLEX T 250 AL** is an elastic damping adhesive tape made of butyl-rubber coated with a thick feinterced aluminium layer (total weight: 3 Kg/m<sup>2</sup>)

## Applications

**BUTYFLEX T 250 AL** is ideal to dampen vibrations on mobile walls, laminated wood and plastic sheets, industrial roofing and metal cabinets.

**BUTYFLEX T 250 AL** can be applied at low temperature (-40°) while maintaining excellent adhesive efficiency; it is also stable at high temperatures (80° continuous, 140° intermittent), and is particularly resistant when laid in vertical positioning.

## Laying

Unroll **BUTYFLEX T 250 AL** and remove the siliconized film, apply the product making sure that the surface is dry, compact and free of impurities.

### BUTYFLEX T 250 AL

Colour



Reaction to fire

Euroclass E  
(EN 11925-2, EN 13501-1)  
M1 (UN E 23727:1990,  
UN E 23721:1990)

Smoke index

F0 (AFNOR NF F16-101)



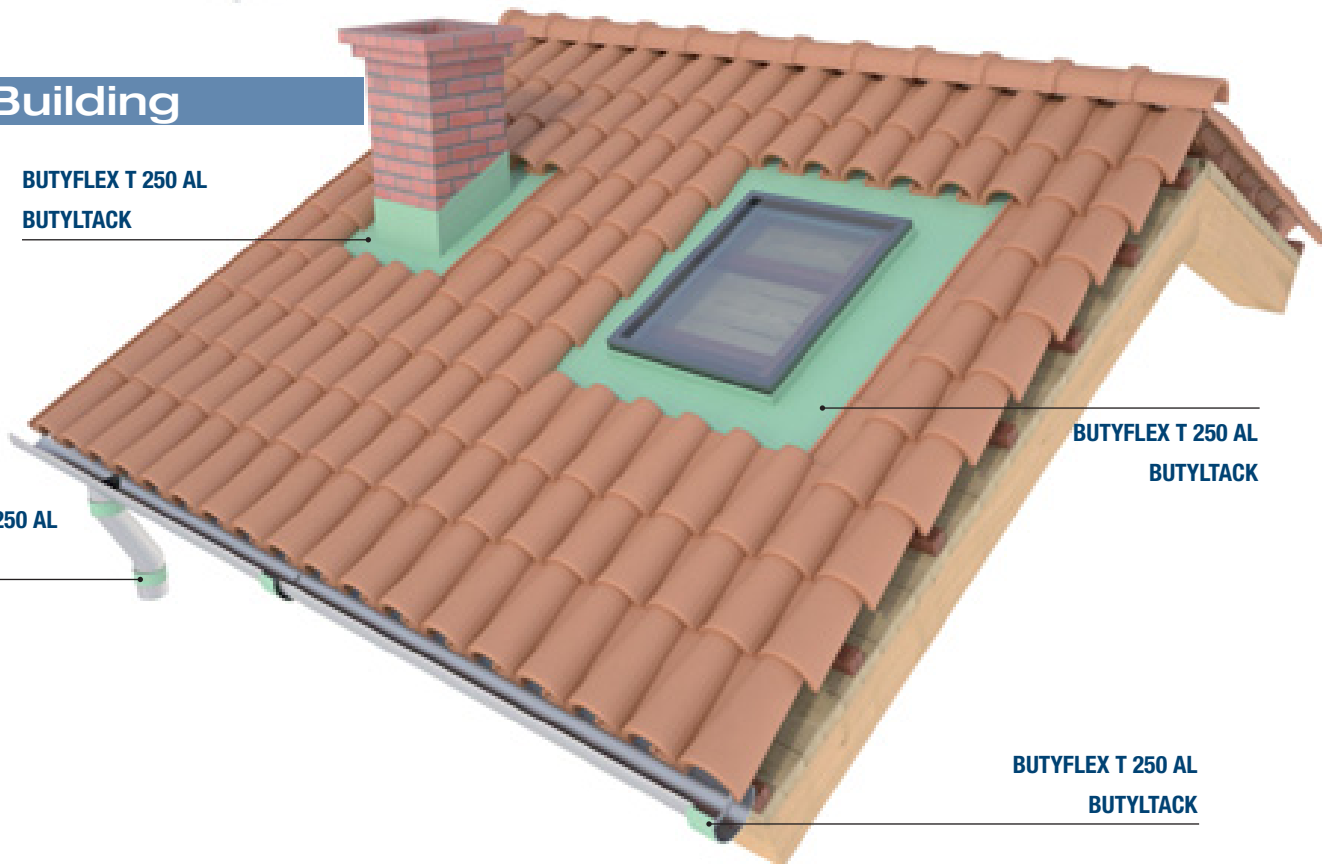
## New Building

**BUTYFLEX T 250 AL**  
**BUTYL TACK**

**BUTYFLEX T 250 AL**  
**BUTYL TACK**

**BUTYFLEX T 250 AL**  
**BUTYL TACK**

**BUTYFLEX T 250 AL**  
**BUTYL TACK**



## Description

**BUTYL TACK** is a waterproof damping adhesive tape made of butyl-rubber coated with aluminium.

## Applications

**BUTYL TACK** is ideal for sealing windows and skylights, metal and glass structures, plastic, and to repair roofs, gutters, tiles and pipes in general. It can also be applied to various materials with a damping function.

**BUTYL TACK** can be applied at low temperature (-30°) while maintaining excellent adhesive efficiency; it is also stable at high temperatures (80° continuous, 140° intermittent), and is particularly resistant when laid in vertical positioning.

## Laying

Unroll **BUTYL TACK** and remove the siliconized film, apply the product making sure that the surface is dry, compact and free of impurities.

### BUTYL TACK

Colour

Reaction to fire

Euroclass E  
(EN 11925-2, EN 13501-1)  
M1 (UN E 23727:1990,  
UN E 23721:1990)



## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
<b>BUTYFLEX T 250 AL</b>												
Adhesive	Q2300030100G010	100	1,8	10	P	nr	2 rlx	SC	21,5x21,5x21,5	108 sc	x	2 rlx
Adhesive	Q2300030500G010	500	1,8	5	P	nr	1 rlx	SC	53x19x19	108 sc	x	1 rlx
<b>BUTYL TACK</b>												
Adhesive	Q3100V60050G010	50	0,6	10	P	nr	16 rlx	SC	28x28x21,5	108 sc	x	16 rlx
Adhesive	Q3100V60075G010	75	0,6	10	P	nr	8 rlx	SC	28x28x17	108 sc	x	8 rlx
Adhesive	Q3100V60100G010	100	0,6	10	P	nr	8 rlx	SC	28x28x21,5	108 sc	x	8 rlx
Adhesive	Q3100V60150G010	150	0,6	10	P	nr	4 rlx	SC	28x28x17	108 sc	x	4 rlx
Adhesive	Q3100V60200G010	200	0,6	10	P	nr	4 rlx	SC	28x28x22	108 sc	x	4 rlx







7 Accessories

Accessories

# FASCIA PERIMETRALE

Essential to complete the insulation against footstep noise

## Description

Mappy Italia's **FASCIA PERIMETRALE** is a seal necessary to prevent acoustic bridges between walls and floating screed perimeter. It is composed of closed-cell chemically reticulated polyethylene foam with one side completely adhesive.

## Applications

Mappy Italia's **FASCIA PERIMETRALE** is ideal to be placed in the corner between the perimeter walls and underlay already laid to fully detach the floating screed from the walls and therefore preventing the possible transmission of noise and vibration.

## Laying

**FASCIA PERIMETRALE** should be placed on the perimeter of the brick walls to disconnect them from the floating screed. The excessive band on the wall must be trimmed only after having laid the floor sheathing.



## New building

### FASCIA PERIMETRALE MAPPYWOOL STRIP

MAPPY ITALIA'S PRODUCT  
TO REDUCE FOOTSTEP NOISE

Technical plants' screed

Brick-concrete slab



## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
Adhesive	M7900030100A020900	100	3	20	A	ml	6 rlx	SC	31,5X31,5X62	24 sc	x	6 rlx
Adhesive	M7900030150A020900	150	3	20	A	ml	4 rlx	SC	31,5X31,5X62	24 sc	x	4 rlx
Adhesive	M7900030300A020900	300	3	20	A	ml	2 rlx	SC	31,5X31,5X62	24 sc		10 rlx

# MAPPYWOOL STRIP

## Description

**MAPPYWOOL STRIP** is a seal necessary to prevent acoustic bridges between walls and floating screed perimeter. It is composed of natural and recyclable 100% virgin wool. The product is fully compatible with the environment.

## Applications

**MAPPYWOOL STRIP** is ideal to be placed in the corner between the perimeter walls and **MAPPYWOOL FL** (underlay against footstep noise) (page 52) already laid to fully detach the floating screed from the walls and therefore prevent the possible transmission of noise and vibration. Suitable for construction with natural products.

## Laying

**MAPPYWOOL STRIP** should be placed on the perimeter of the brick walls to disconnect them from the floating screed. The exceeding band on the wall must be trimmed only after having laid the floor sheathing.

WOOL

Colour



Weight

~ 400 g/m<sup>2</sup>

100%  
virgin wool



MAPPYWOOL RF is a product of the new  
"MAPPY NATURALE - GREEN BUILDING PRODUCTS" line  
Request a brochure or ask for info at our Customer Service!



Tiles

Sand-cement screed

## Items

Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
106000501700030	170	5	30	0	ml		SC		-		1800 ml

## Description

Mappy Italia's **POLISTIK CH** is a gasket in chemically reticulated polyethylene with closed-cell and density of approximately 30kg/m<sup>3</sup>, with an adhesive side. **POLISTIK CH** is essential to prevent acoustic bridges between two surfaces, is applied between the metal sections for dry walls, horizontal or vertical partitions, and along the perimeter wall before placing the baseboard.

## Applications

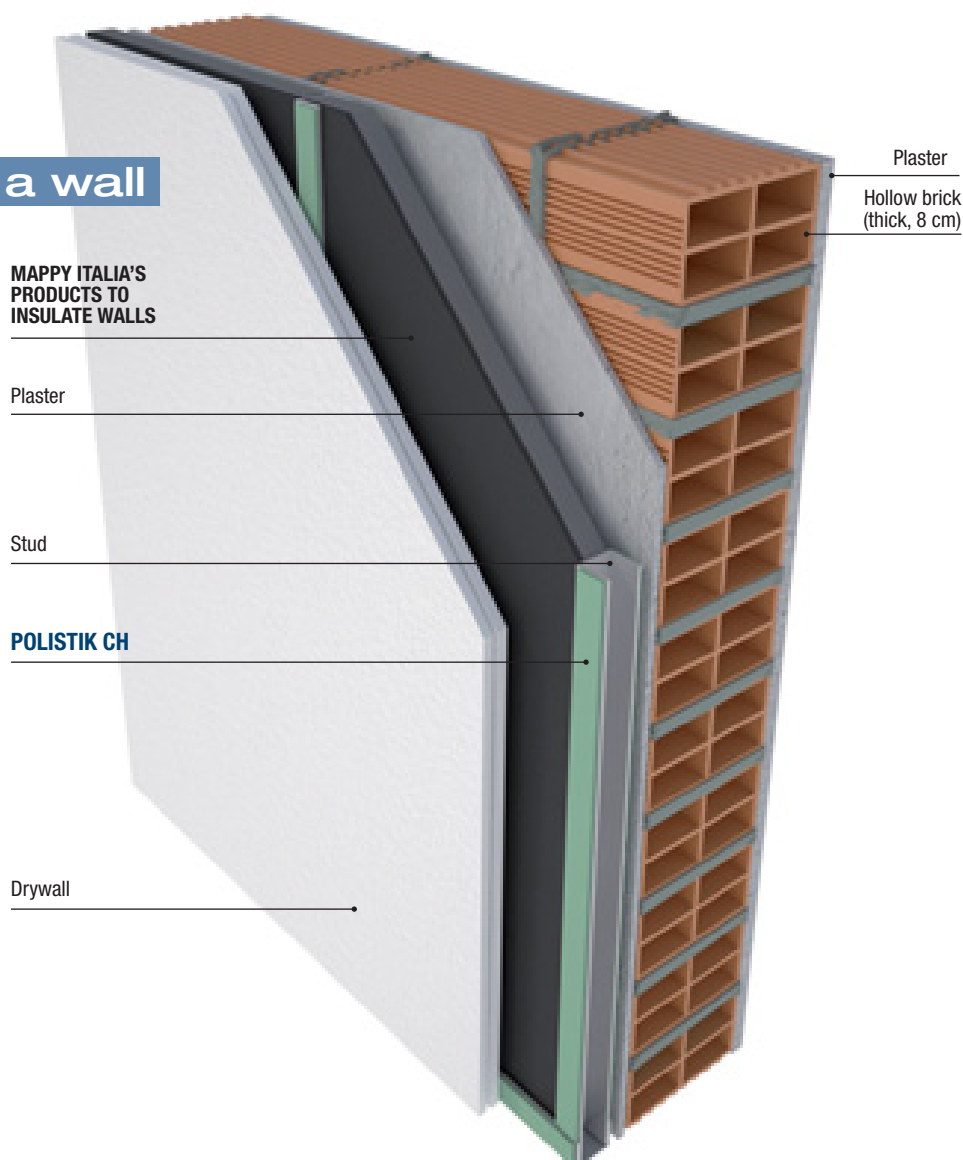
Mappy Italia's **POLISTIK CH** is a gasket suitable for detaching any profile for drywalls. **POLISTIK CH** avoids possible transmission of noise and vibration between the metal rails and walls / floors, and between the baseboard and floor.

## Laying

After unrolling Mappy Italia's **POLISTIK CH** remove the protective film covering the adhesive and place it between the metal sections and the walls or floors. You can use **POLISTIK CH** also along the perimeter of the walls before laying the baseboard.



## Installation on a wall



PE CH

Colour



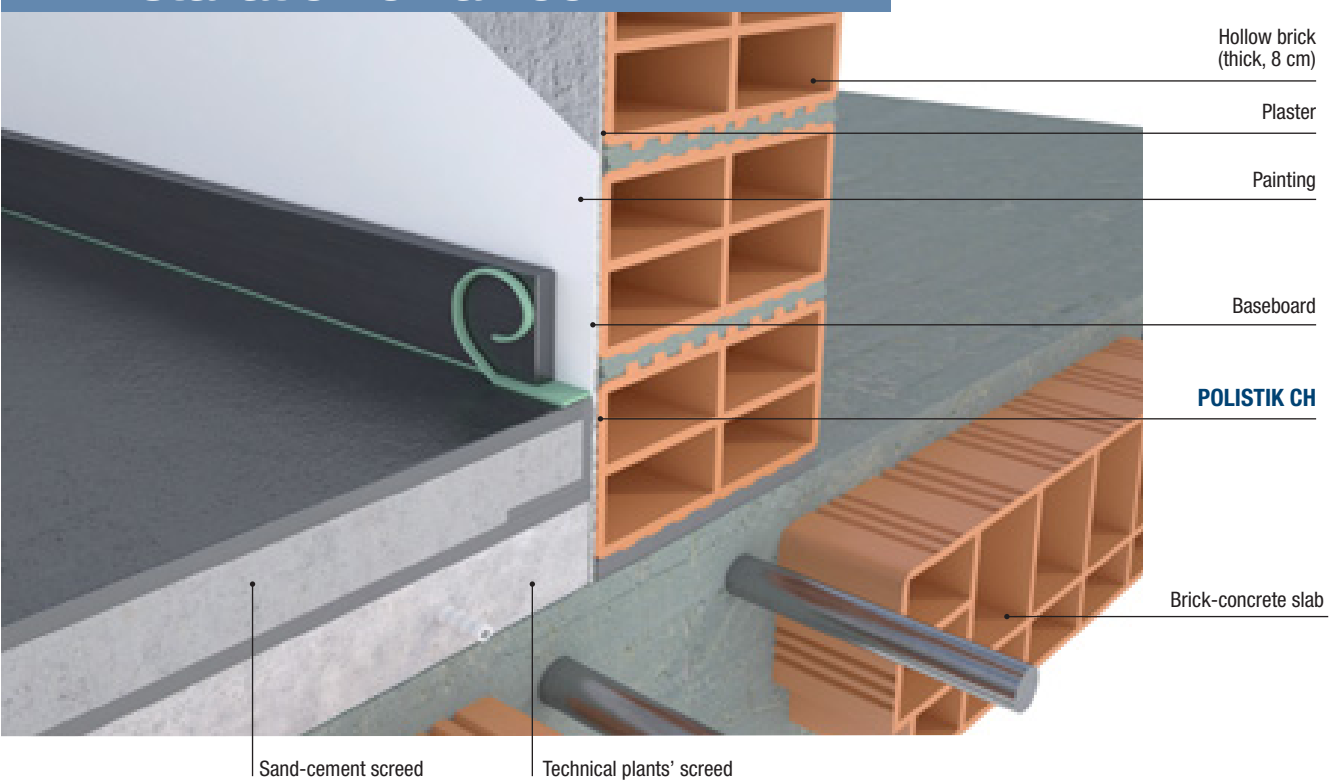
Density

~ 30 kg/m<sup>3</sup>

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
Adhesive	M7500030050A020900	50	3	20	A	ml	12 rlx	SC	30,5x30,5x62	24 sc.	x	12 rlx
Adhesive	M7500030070A020900	70	3	20	A	ml	9 rlx	SC	38,5x38,5x62	18 sc.	x	9 rlx

## Installation on a floor



## Description

Mappy Italia's **BIAPOL CH** is a gasket in chemically reticulated polyethylene with closed-cell and density of approximately  $30\text{kg/m}^3$ , with an adhesive layer on both sides. **BIAPOL CH** is essential to prevent acoustic bridges between two surfaces, and is applied between the metal sections for drywalls and horizontal partitions.

## Applications

Mappy Italia's **BIAPOL CH** is a gasket suitable for detaching any profile for drywalls. **BIAPOL CH** avoids possible transmission of noise and vibration between the metal profiles for light partition walls and floor slab.

## Laying

Unroll Mappy Italia's **BIAPOL CH** and attach it on the side of the metal profiles in contact with the walls, then attach the other side to the masonry.



## New building

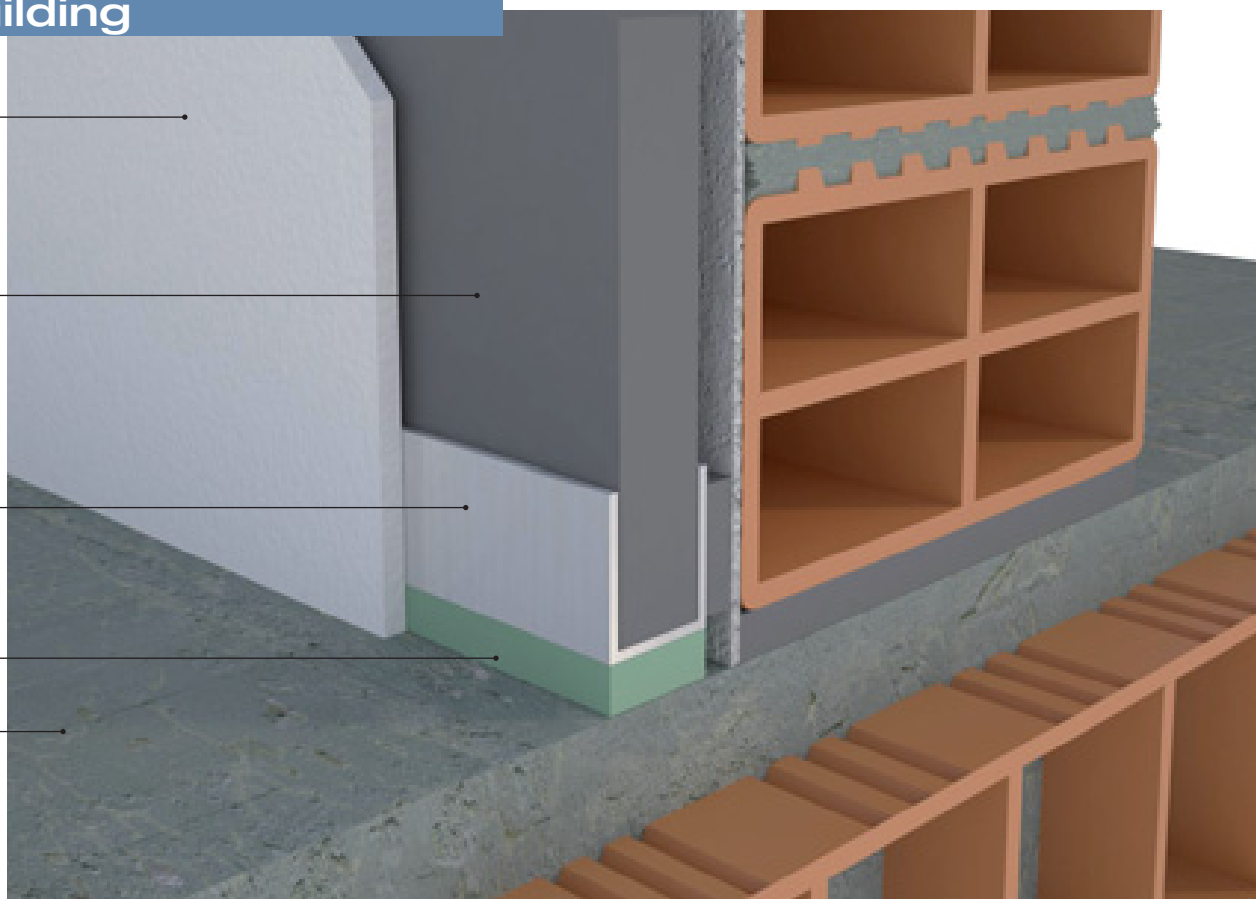
Drywall

MAPPY ITALIA'S  
PRODUCTS TO  
INSULATE WALLS

Stud

BIAPOL CH

Brick-concrete slab



PE

Colour



Density

~ 30 kg/m<sup>3</sup>

## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
Adhesive	M8700030050A020900	50	3	20	A	ml	12 rlx	SC	30,5x30,5x62	24 sc.	x	12 rlx
Adhesive	M8700030070A020900	70	3	20	A	ml	9 rlx	SC	30,5x30,5x62	18 sc.	x	9 rlx

## Renovations

Painting

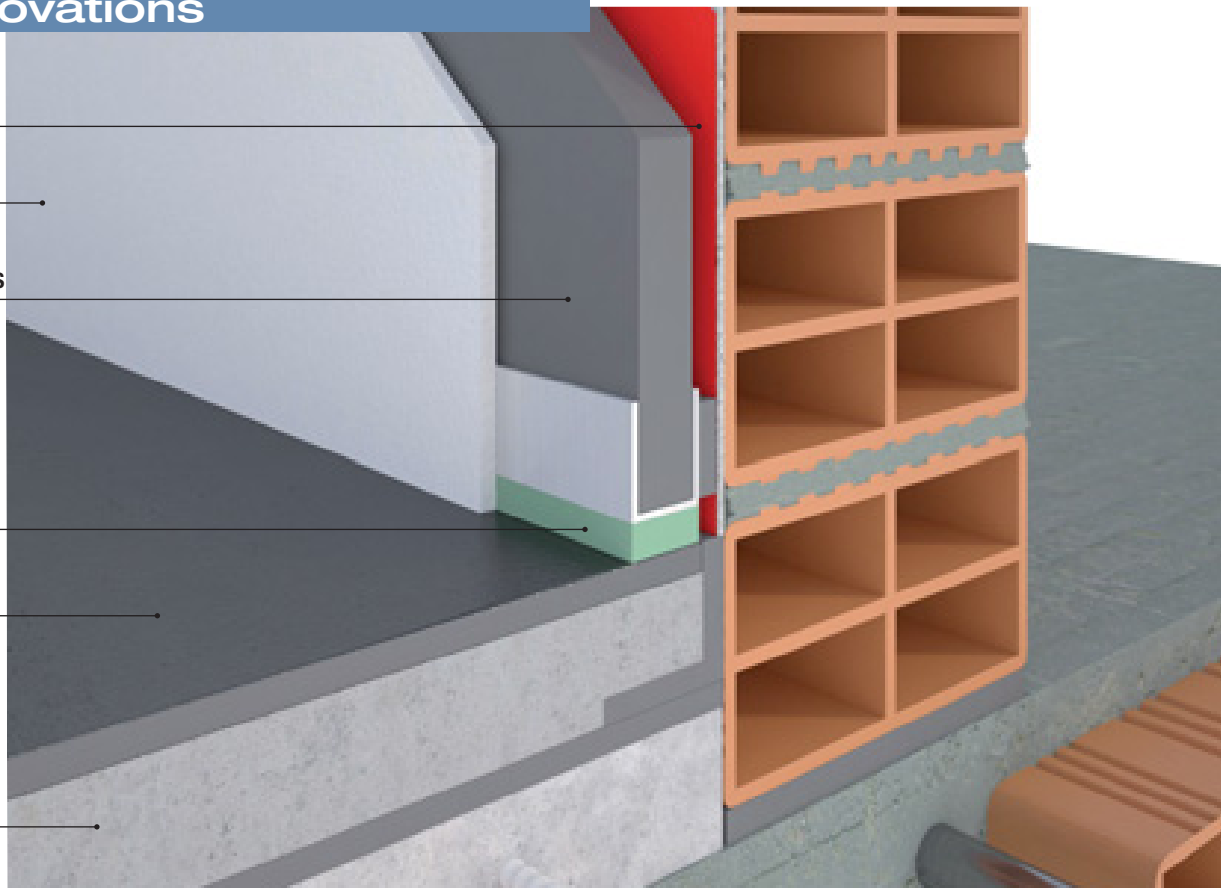
Drywall

**MAPPY ITALIA'S  
PRODUCTS TO  
INSULATE WALLS**

**BIAPOL CH**

Floor

Sand-cement  
screed



## Description

**MAPPYCOL S45** is a high performance polychloroprene-based adhesive. It can be stored in its original package away from sources of heat in a cool dry place.

## Applications

**MAPPYCOL S45** is ideal for the laying of panels on wall and ceiling even on absorbent surfaces.



### ADHESIVE

Colour



Temperature range

> 10 °C

Viscosity

6500 mPa.s ±15% (20 °C)

Spreading rate

300 - 400 g/m<sup>2</sup>

## Items

Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
S0504V5					kg		SF	diam.20/h.24	36	x	4,5



## Description

**MAPPYBAND** is a pre-compressed adhesive and flexible polyurethane foam gasket with a slow expansion from the initial thickness to the nominal one.

## Applications

**MAPPYBAND** is ideal for sealing gaps between wall and stud of the frames, to seal expansion joints and to fix corrugated sheets. **MAPPYBAND** has a compression capacity of 92% and also has good temperature stability (-40° to +140°). For this characteristic, **MAPPYBAND** is particularly suitable to be placed in areas with extreme temperature changes such as positioning in desert areas required for the infiltration of sand.

## Laying

Clean any impurities from the surface. Unroll **MAPPYBAND** and apply the product, taking care to use it at a temperature above 15 °C and in a single installation to prevent adhesive damage. Within minutes after opening the roll, the gasket will expand up to its nominal thickness. Seal any exposed surface of **MAPPYBAND** with a silicone-based adhesive.

### RESIN

Colour

Density

90 kg/m<sup>3</sup>

Compression capacity

up to 92% of its original volume with a slow expansion to the initial thickness when compression stops



## New building

Bearing wall

**MAPPYBAND**

Window or door-frame

## Reference / Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./Pack.	Pack.	Dim.Pack. (cm)	Qty./Pallet	RTS	Minimum
Adhesive	Q0100100010G010	10	10	10	G	ml	1800	SC	63x43x32		x	1800
Adhesive	Q0100100015G010	15	10	10	G	ml	1200	SC	63x43x32		x	1200
Adhesive	Q0100100020G010	20	10	10	G	ml	900	SC	63x43x32		x	900
Adhesive	Q0100100025G010	25	10	10	G	ml	720	SC	63x43x32			720
Adhesive	Q0100100030G010	30	10	10	G	ml	600	SC	63x43x32			600
Adhesive	Q0100150015G008	15	15	8	G	ml	960	SC	63x43x32			960
Adhesive	Q0100150020G008	20	15	8	G	ml	720	SC	63x43x32			720
Adhesive	Q0100150025G008	25	15	8	G	ml	576	SC	63x43x32			576
Adhesive	Q0100150030G008	30	15	8	G	ml	480	SC	63x43x32		x	480
Adhesive	Q0100200020G006	20	20	6	G	ml	540	SC	63x43x32		x	540
Adhesive	Q0100200025G006	25	20	6	G	ml	432	SC	63x43x32			432
Adhesive	Q0100200030G006	30	20	6	G	ml	360	SC	63x43x32			360
Adhesive	Q0100300030G004	30	30	4	G	ml	240	SC	63x43x32		x	240
Adhesive	Q0100400040G004	40	40	4	G	ml	192	SC	63x43x32			192

# MAPPYTAPE TXT

The tape to join  
Mappy Italia's panels

## Description

Mappy Italia's **MAPPYTAPE TXT** is a tape made of fabric with an adhesive side.

## Applications

Mappy Italia's **MAPPYTAPE TXT** is ideal for joining and sealing Mappy Italia's panels and mats to avoid possible acoustic bridges.

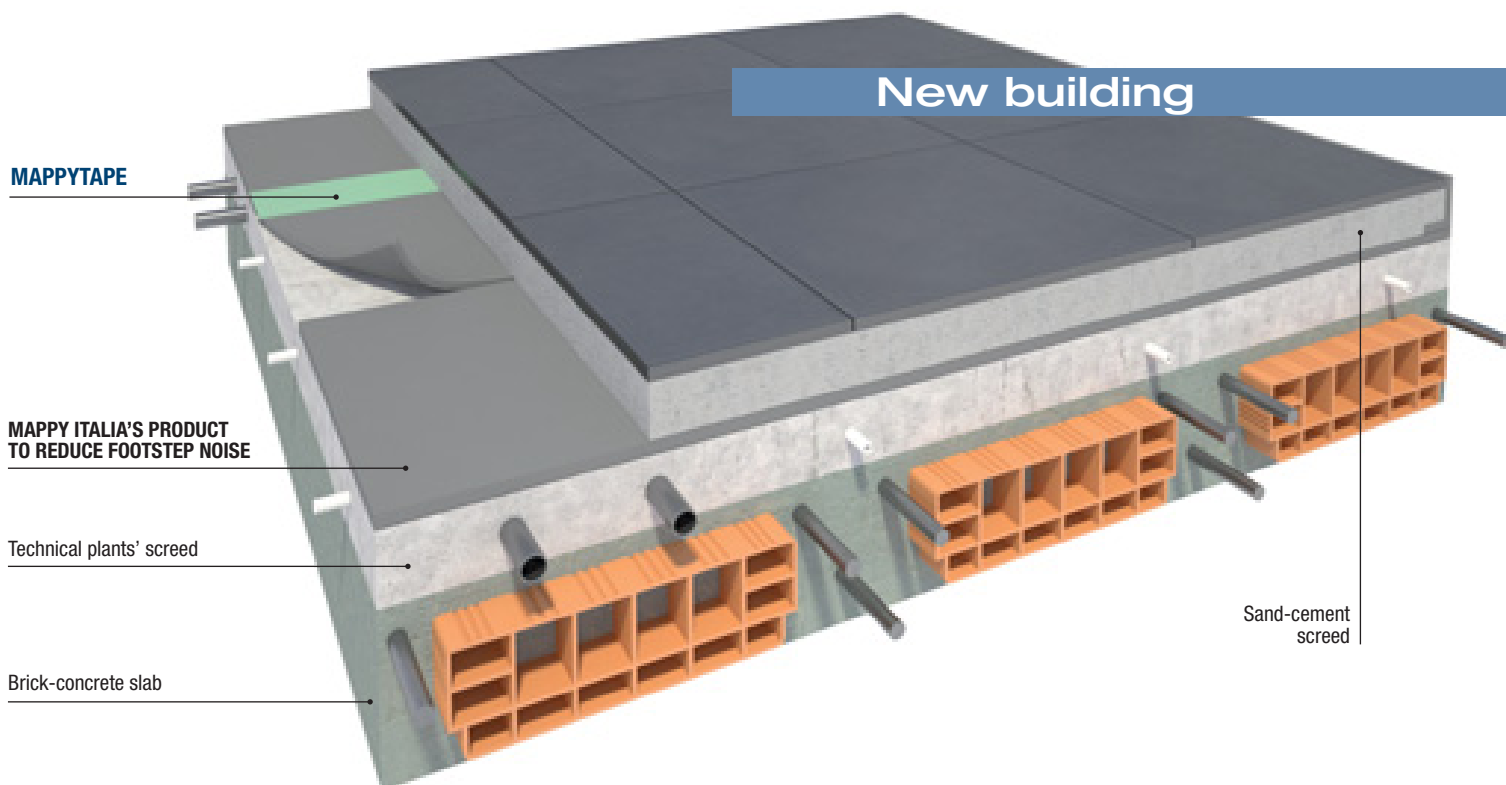
## Laying

Unroll Mappy Italia's **MAPPYTAPE TXT** removing the protective film and cut to size with a cutter.



### MAPPYTAPE TXT

**Colour** Depending on the available stock of fabric



## Items

	Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./ Pack.	Pack.	Dim.Pack. (cm)	Qty./ Pallet	RTS	Minimum
Adhesive	U250000070V010921	70		10	V	nr		SF		-	x	1

# MUSSTIK PELL

The wall insulation strip

## Description

**MUSSTIK PELL** is Mappy Italia's WALL INSULATION STRIP. It is an essential gasket to prevent acoustic bridges between slab and partition walls. It is made of 100% closed-cell EPDM with density of about 100 kg/m<sup>3</sup>.

## Applications

Mappy Italia's **MUSSTIK PELL** is ideal to be positioned as a separating gasket above the floor slab and under the vertical partition to prevent any noise and vibration transmission between the walls and the slab.

## Laying

**MUSSTIK PELL** must be laid at the base of brick walls to disconnect them from the surrounding areas.

EPDM

Colour



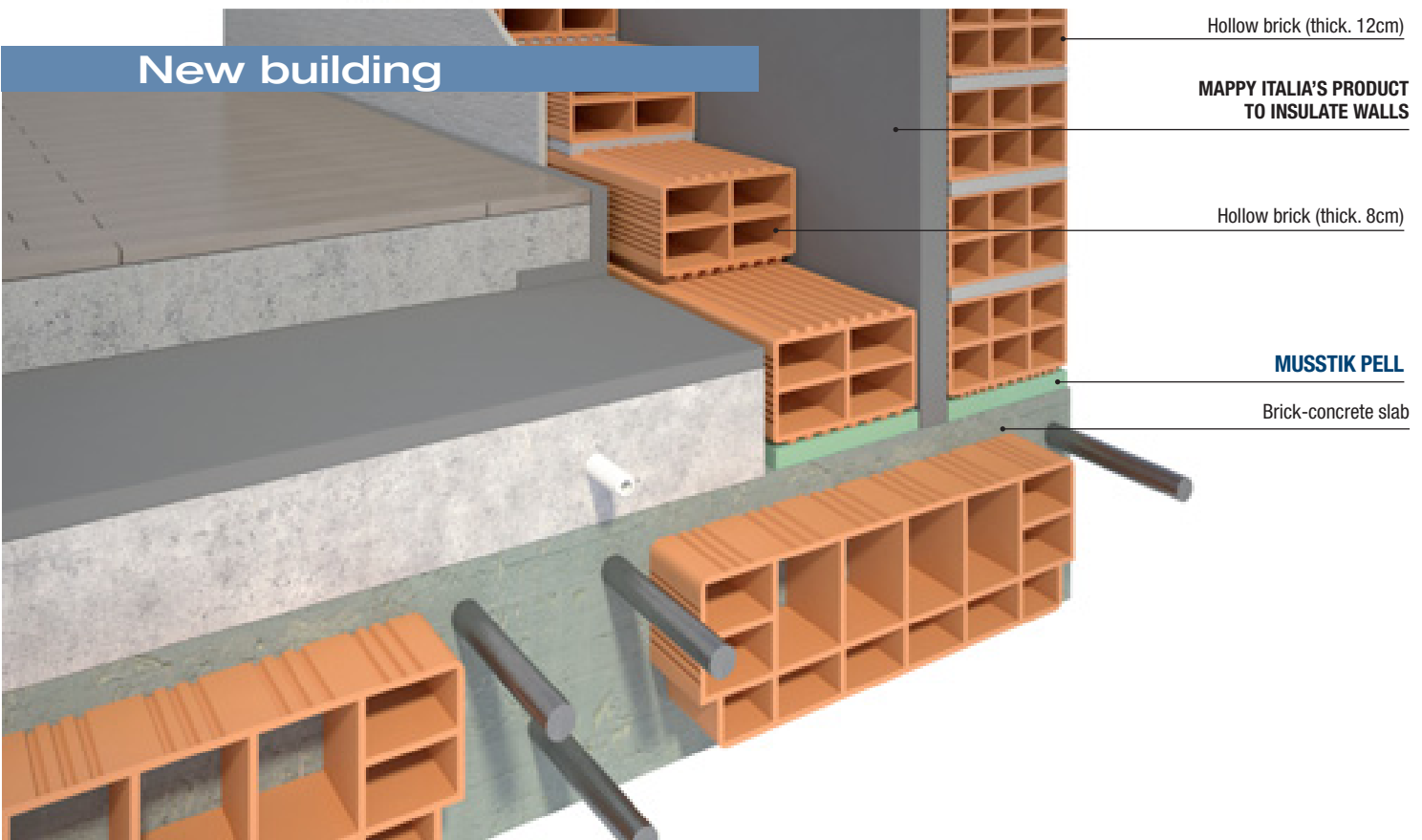
Density

~ 130 kg/m<sup>3</sup>

Compression resistance

≤30% (ASTM D1056)

## New building



Hollow brick (thick. 12cm)

MAPPY ITALIA'S PRODUCT TO INSULATE WALLS

Hollow brick (thick. 8cm)

MUSSTIK PELL

Brick-concrete slab

## Items

Code	W. (mm)	Thick. (mm)	Lg. (mt)	Colour Dis.	U.M.	No./Pack.	Pack.	Dim.Pack. (cm)	Qty./Pallet	RTS	Minimum
P0600040100N020900	100	4	20	A	ml	6 rlx	SC	38,5X38,5X62	18 sc		6 rlx
P0600040150N020900	150	4	20	A	ml	4 rlx	SC	38,5X38,5X62	18 sc	x	1 rlx
P0600040300N020	300	4	20	A	ml	2 rlx	SC	38,5X38,5X62	18 sc		6 rlx

# General instructions for laying materials

## 1) Materials combined with elastomeric barrier - adhesive version

### INTRODUCTION

For a correct laying, the first condition to be met is the storage and stockpiling of the adhesive product that must be kept in its original package away from heat and humidity sources. Room temperature between +5°C and +35°C, ideal +20/23°C.

### ENVIRONMENTAL CONDITIONS FOR APPLICATION:

The application temperature must not be below +5°C.

### SURFACE PREPARATION:

It is recommended to thoroughly clean the area where the product will be applied; the surface must be free of dust, grease, silicone, oil, moisture, etc.

The surface must not be colder than the room.

Pay careful attention to painted surfaces, walls or ceilings; if the paint is solvent-borne, the solvent might cause migration phenomena undermining the adhesion and causing a detachment of the product from the surface or of the layers which form the product.

We recommend using rubber or polypropylene head rawlplugs: 5 per squared meter (four on the corners and one in the centre).

The adhesive is meant to help positioning the material; it allows an easier installation of heavy products containing an elastomeric barrier (2 kg/m<sup>2</sup> to 10 kg/m<sup>2</sup>).

### PREPARATION OF MATERIALS

Remove the protective liner from a corner of the product. This operation must be done manually in a uniform and smooth way without tearing. It is advisable to rely on a work surface and remove the protective film from several ends without touching the adhesive surface with your hands or other objects.

### ASSEMBLY AND POSITIONING

An important caution is to proceed slowly, carefully approaching the adhesive to the surface of application so as to place it right the first time. This, though logical, is of particular importance for ensuring the maintenance and quality of the product itself. In the case of repositioning, the adhesive would be irreparably compromised, possibly causing it to fall. It is important to position yourself so that the operation of installation is easily accomplished. Apply the material from the edge, keeping it slightly bent, but do not stretch it too much to prevent forming of wrinkles, then lay it down gradually over the rest of the surface.

The correct fitting ends with even pressure across the surface that can be done directly with the hands or, more simply, with a roller.

In the case of application of the material to a wall or ceiling:

secure the material mechanically using rubber or polypropylene head rawlplugs: 5 per squared meter (four on the corners and one in the centre) so as to ensure the protection of the product. Alternatively, you can install with retaining frames.

## 2) materials combined with elastomeric barrier – non adhesive version

### INTRODUCTION

For a correct laying, the first condition to be met is the storage and stockpiling of the adhesive product that must be kept in its original package away from heat and humidity sources. Room temperature between +5°C and +35°C.

### ENVIRONMENTAL CONDITIONS FOR APPLICATION:

The application temperature must not be below +5°C.

### SURFACE PREPARATION:

It is recommended to thoroughly clean the area where the product will be applied; the surface must be free of dust, grease, silicone, oil, moisture, etc.

The surface must not be colder than the room.

Pay careful attention to painted surfaces, walls or ceilings; if the paint is solvent-borne, the solvent might cause migration phenomena undermining the adhesion and causing a detachment of the product from the surface or of the layers which form the product.

We recommend using rubber or polypropylene head rawlplugs: 5 per squared meter (four on the corners and one in the centre).

### ASSEMBLY AND POSITIONING

It is recommended the use of polyurethane or epoxy adhesives without solvents easily available in department stores, DIY or hardware stores. The use of a solvent-borne adhesive is not recommended since the solvent may cause migration phenomena undermining the adhesion and causing the product to detach from the area of application or of the layers that form the product itself. Water based glues can not guarantee effectiveness and durability.

Apply the material from the edge, keeping it slightly bent, but do not stretch it too much to

prevent the formation of wrinkles, then lay it down gradually over the rest of the surface. The correct fitting ends with even pressure across the surface that can be done directly with the hands or, more simply, with a roller.

In the case of application of the material to a wall or ceiling:

secure the material mechanically using rubber or polypropylene head rawlplugs: 5 per squared meter (four on the corners and one in the centre) so to ensure the protection of the product. Alternatively, you can install with retaining frames.

## 3) MONOLAYER MATERIALS (with no elastomeric barrier) - ADHESIVE VERSION

### INTRODUCTION

For a correct laying, the first condition to be met is the storage and stockpiling of the adhesive product that must be kept in its original package away from heat and humidity sources. Room temperature between +5°C and +35°C, ideal +20/23°C.

### ENVIRONMENTAL CONDITIONS FOR APPLICATION:

The application temperature must not be below +5°C.

### SURFACE PREPARATION:

It is recommended to thoroughly clean the area where the product will be applied; the surface must be free of dust, grease, silicone, oil, moisture, etc.

The surface must not be colder than the room.

### PREPARATION OF MATERIALS

Remove the protective liner from a corner of the product. This operation must be done manually in a uniform and smooth way without tearing. It is advisable to rely on a work surface and remove the protective film from several ends without touching the adhesive surface with your hands or other objects.

### ASSEMBLY AND POSITIONING

An important caution is to proceed slowly, carefully approaching the adhesive to the surface of application so as to place it right the first time. This, though logical, is of particular importance for ensuring the maintenance and quality of the product itself. In the case of repositioning, the adhesive would be irreparably compromised, possibly causing it to fall. It is important to position yourself so that the operation of installation is easily accomplished. Apply the material from the edge, keep it slightly bent, but do not stretch it too much to prevent formation of wrinkles, then lay it down gradually over the rest of the surface.

The correct fitting ends with even pressure across the surface that can be done directly with the hands or, more simply, with a roller.

## 4) monolayer materials (with no elastomeric barrier) – NON ADHESIVE VERSION

### INTRODUCTION

For a correct laying, the first condition to be met is the storage and stockpiling of the adhesive product that must be kept in its original package away from heat and humidity sources. Room temperature between +5°C and +35°C.

### ENVIRONMENTAL CONDITIONS FOR APPLICATION:

The application temperature must not be below +5°C.

### SURFACES PREPARATION:

It is recommended to thoroughly clean the areas where the product will be applied; the surfaces must be free of dust, grease, silicone, oil, moisture, etc.

The surfaces must not be colder than the room.

### ASSEMBLY AND POSITIONING

We recommend the use of MAPPYCOL S45.

Apply the material from the edge, keep it slightly bent, but do not stretch it too much to prevent forming of wrinkles, then lay it down gradually over the rest of the surface.

The correct fitting ends with even pressure across the surface that can be done directly with the hands or, more simply, with a roller.

Cesate, February 1st 2011

Data contained in this document is general and given only as guidance.

It is the sole responsibility of the user to evaluate the adequacy and suitability of the product information according to his needs and expectations before installation. Always contact our Customer service, ask for technical data sheets of the specific product (also available on the website [www.mappyitalia.com](http://www.mappyitalia.com)) and specific information, only in this way can you be sure of a good result.

Mappy Italy reserves the right to change the information and technical content without prior notice.

Rev. 0 of January 21st 2011

# General conditions of sale

## 1) Transportation

### INTRODUCTION

All transportation will be considered as carriage forward from our premises in Cesate, Milan with the carrier that you will have indicated.

It is also possible to deliver as carriage forward using our carriers subject to the following conditions:

- From 250,00 to 999,00 €  
for orders included in a single delivery, there will be a charge of € 50,00
- From 1000,00 to 2999,00 €  
for orders included in a single delivery, there will be a charge of 5%
- Over 3000,00 €  
for orders included in a single delivery, carriage forward at no cost to you

## 2) Packaging

All orders are packaged in cardboard boxes and loaded onto pallets or put directly onto the pallets and wrapped with polythene film.

A different packaging from the standard one, including those customized, must be agreed upon, in advance, with our sales department.

In case of termination of business relations the personalized packaging, still lying at our warehouse, should be collected by customer and paid.

## 3) Deliveries

All deliveries must be arranged through our sales department.

Loading warehouse time:

from Monday till Thursday between the hours of 8:00am and 11:30am and then 1:30pm to 4:30pm. On Fridays only by booking the time.

Orders for standard materials already in stock (ready to ship, marked with an X on the catalogue and list price) will be delivered to the carrier at our warehouse 3-5 working days after our order confirmation date.

Non-standard materials will take 3-4 weeks from our order confirmation date.

Any goods that have not been collected by the client one week after we have sent notification that the goods are ready, will be sent carriage forward through our normal couriers on the above conditions. For material not collected in the month of competence corresponding to the delivery date indicated on our confirmation order, we will be issuing an invoice.

## 4) Minimum invoice

For small orders there is a minimum of € 250,00 not including VAT.

## 5) Specifications

Due to the numerous variations available relating to:

size, minimum quantity, color and thickness, we recommend that you contact our customer service:

- to check that your chosen product is available in stock
- to avoid any restrictions related to minimum orders
- for materials on rolls and on sheets the minimum order is subject to the raw good manufacturing.

## 6) Surcharges for product services not included in the price list

- sheet cutting supplement
- squaring off, only for sheets 1000 x 1000 mm with final dimensions of 970 x 970 mm
- non-standard painting
- a) on panels 500 x 500 mm
- b) on panels 1000 x 1000 mm

The minimum quantity for painting is 100 m<sup>2</sup>

In case you need any of these services we recommend that you contact our customer service to request a price offer.

## 7) Special materials

After 3 working days from our order confirmation, no canceling will be accepted.

Since the material is special and non-standard, it must be collected and totally paid.

## 8) Tolerances

The measurements indicated for each product are subject to the following tolerances:

- THICKNESS for singular components or compounds  $\pm 10\%$
- THICKNESS for textured or pyramidal products  $\pm 15\%$
- HEIGHTS for rolls  $\pm 1 \text{ cm}$
- LENGTHS for rolls  $\pm 1 \%$
- DIMENSIONS 1000 X 1000 mm panels
- 2000 x 1000 mm panels
- both height and length (technical gaskets)  $\pm 1 \%$ .

## Our standard sheets are not trimmed

- DIMENSIONS die cut like on the project

• QUANTITIES Ordered quantities must be considered indicative with tolerance  $\pm 10\%$ . Tolerance it must be underlined for strict quantities upon request and order; otherwise it will be valid ours ( $\pm 10\%$ ) and possible complaints will not be accepted.

## • COLORS

**Uniformity of colour cannot be guaranteed for all products.**

Possible complaints will not be accepted.

## 9) Discounts

The price lists show the recommended retail price, agreed discount conditions remain valid.

## 10) Terms of payment

All payment terms are not subject to change, unless otherwise agreed upon with our customer service, particularly:

- first order - cash on delivery or advance payment
- subsequent orders - bank transfer 60 days from the date of invoice

## 11) Warranty

MAPPY ITALIA ensures that our products are without manufacturing defects for 1 year against non-compliance defects that make goods not fit for use for which it was produced.

The validity starts from the shipping date in the transport document and / or immediate invoice.

For all our articles there are no warranty extensions.

The shelf life is not quantifiable in advance, always depends on environmental conditions and using methods of the individual user, for which Mappy Italia SPA can not be held responsible and cannot be guarantor.

The warranty does NOT apply when the instructions provided by Mappy for storage and methods of application and installation of the products shown on individual packages are not applied.

These conditions are part of the order contract in its entirety

Rev.00

Cesate, February 1st 2011





MAPPY ITALIA takes care of the quality of your result: each product for MAPPY ITALIA is unique, it has high performance characteristics and installation specifications. It is therefore the user's sole responsibility to ensure that the product and its installation are suitable for specific application and in accordance with current European legislation, national and regional (MAPPY ITALIA disclaims any responsibility for incorrect installations).

Ask for MAPPY ITALIA' s and its technicians' support: Contact our customer service for more specific information on how to install our products, so that you will have guaranteed a good result.

This documentation replaces the previous one.

The data contained in it contributes to a general description of the product and the pictures are for illustration only. From the perspective of continuous quality improvement, the company reserves the right to modify or adapt the technical and dimensional information of the products included, even without notice.

## BUILDING CATALOG



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Visita il nostro nuovo sito Internet direttamente dal tuo Smart-phone. Inquadra il QR Code a lato, scatta e naviga!

Visit our new website directly from your Smart-phone. Frame the QR Code, click and browse!



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