



United Towers - Kuwait

BUILDING UPGRADE CATALOG



United Towers - Kuwait



Traditional Theater at Grand Hamad Road - Doha - Qatar



Mappifiber trevira bombato:
Reastaurant in Modena (Italy)



NDIA (New Doha International Airport) - Qatar



Esperienza e professionalità al vostro servizio
MAPPY ITALIA è la prima azienda leader in Italia a vantare un background di oltre 35 anni nel settore dell'isolamento acustico e termico.

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.

Lo stabilimento, i magazzini e le spedizioni: il cuore pulsante di un'azienda moderna, efficiente e all'avanguardia
Lo stabilimento di Cesate (MI) occupa oggi una superficie di 22.000 m² e le spedizioni infatti sono in linea con i migliori standard

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 m². Shipments are in fact in line with the highest standards.

Mappy Italia: vero made in Italy, qualità concreta
I materiali e la produzione sono fatti totalmente in Italia

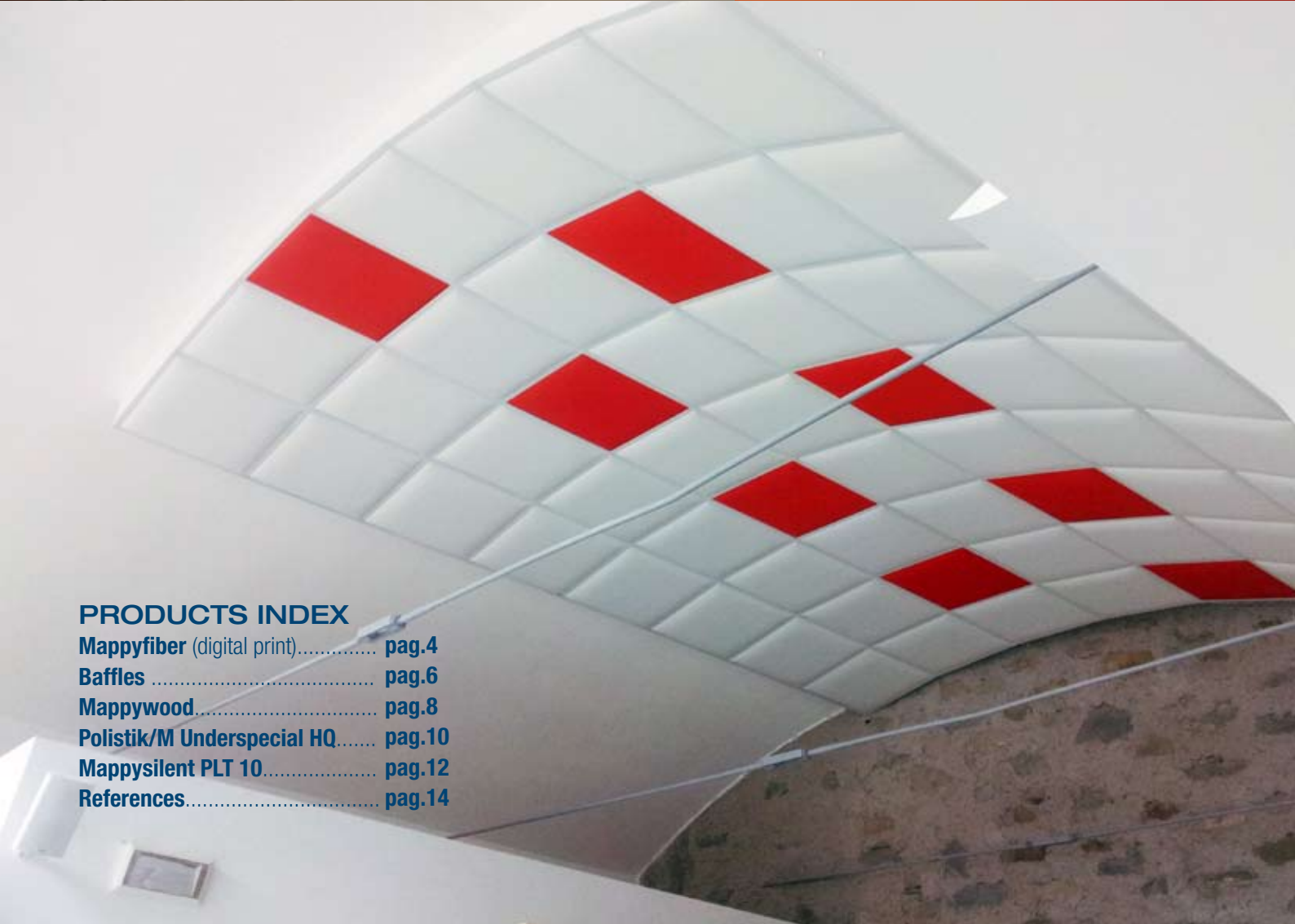
Mappy Italia: real made in Italy, concrete quality
Materials and production are made entirely in Italy.

Il nuovo laboratorio
MAPPY ITALIA da oltre dieci anni dispone di un laboratorio interno per il controllo qualità del prodotto. I continui cambiamenti tecnologici, le esigenze mutevoli di mercato e le richieste della clientela hanno indotto i vertici aziendali ad investire una parte significativa delle proprie risorse sulla ricerca e sviluppo, ampliando e dotando l'attuale laboratorio con personale altamente qualificato e tutta una nuova serie di strumentazione in grado di eseguire analisi chimiche e chimico-fisiche oltre alle già consolidate prove meccaniche e dimensionali. MAPPY ITALIA si avvale inoltre del supporto di laboratori esterni certificati e sta avviando nuove collaborazioni con università e gruppi di ricerca internazionali

The new 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.

Impegno sociale sensibilità all'ambiente in cui viviamo: nasce la nuova linea "Mappy Naturale"
Il know-how accumulato da MAPPY ITALIA, unito ad una particolare sensibilità per le politiche legate alla salvaguardia dell'ambiente, ci permette di presentare una gamma di prodotti di livello tecnologico ed ecologico avanzato, riciclabili e ad "impatto ambientale zero" come la nuova linea Mappy Naturale ideata per il settore dell'edilizia.

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.



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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 can be completely customized to the needs of the client. 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.

Installation

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 glue adhesive.

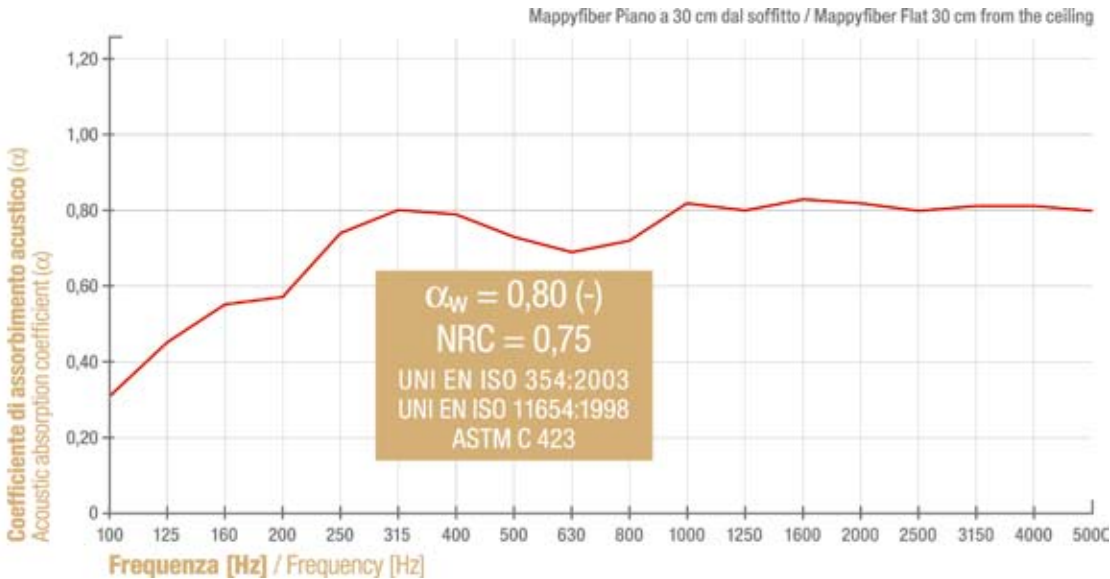


	MAPPYFIBER PIANO	MAPPYFIBER BOMBATO
Colori Colours	personalizzabile su richiesta	
Densità Density	~ 50 kg/m3	~ 66 kg/m3
Conduttività termica λ Thermal Conductivity λ	0.0341 W/mK (EN 12667:2001 e EN 12664:2001)	
Fattore di resistenza alla diffusione del vapore μ	3.34	
Reazione al fuoco Reaction to fire	B s1 d0 (EN 13964:2004) Classe 1 (UNI 9177)	
Classe di fumosità Smoke index	F1 (UNI CEI 11170 – AFNOR NF F16 - 101)	
Assorbimento acustico* Acoustic absorption	sp 40 mm; in adesione α _w =0,70	sp 30 mm; in adesione α _w =0,55
	sp 40 mm; abbassato 30cm dal soffitto α _w =0,80	sp 30 mm; abbassato 30cm dal soffitto α _w =0,75
	(UNI EN ISO 354:2003 e UNI EN ISO 11654:1998)	(UNI EN ISO 354:2003 e UNI EN ISO 11654:1998)
Certificazioni Certifications	Marchio CE CE Marking	

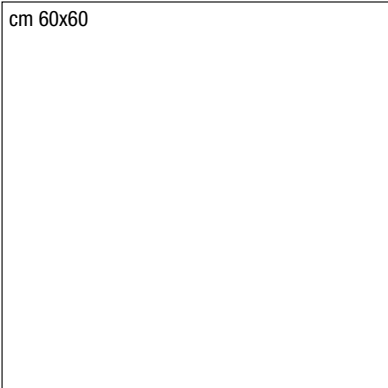
CUSTOM PRINTING

Acoustic characteristics

FREQ.(Hz)	α _s	α _p
100	0,31	
125	0,45	0,45
160	0,55	
200	0,57	
250	0,74	0,70
315	0,80	
400	0,79	
500	0,73	0,75
630	0,69	
800	0,72	
1000	0,82	0,80
1250	0,80	
1600	0,83	
2000	0,82	0,80
2500	0,80	
3150	0,81	
4000	0,81	0,80
5000	0,80	



measures available



WITH ANY DESIGN, LOGO OR SUBJECT YOU WANT!

BAFFLES

aesthetic quality
and decorative
effect

Description

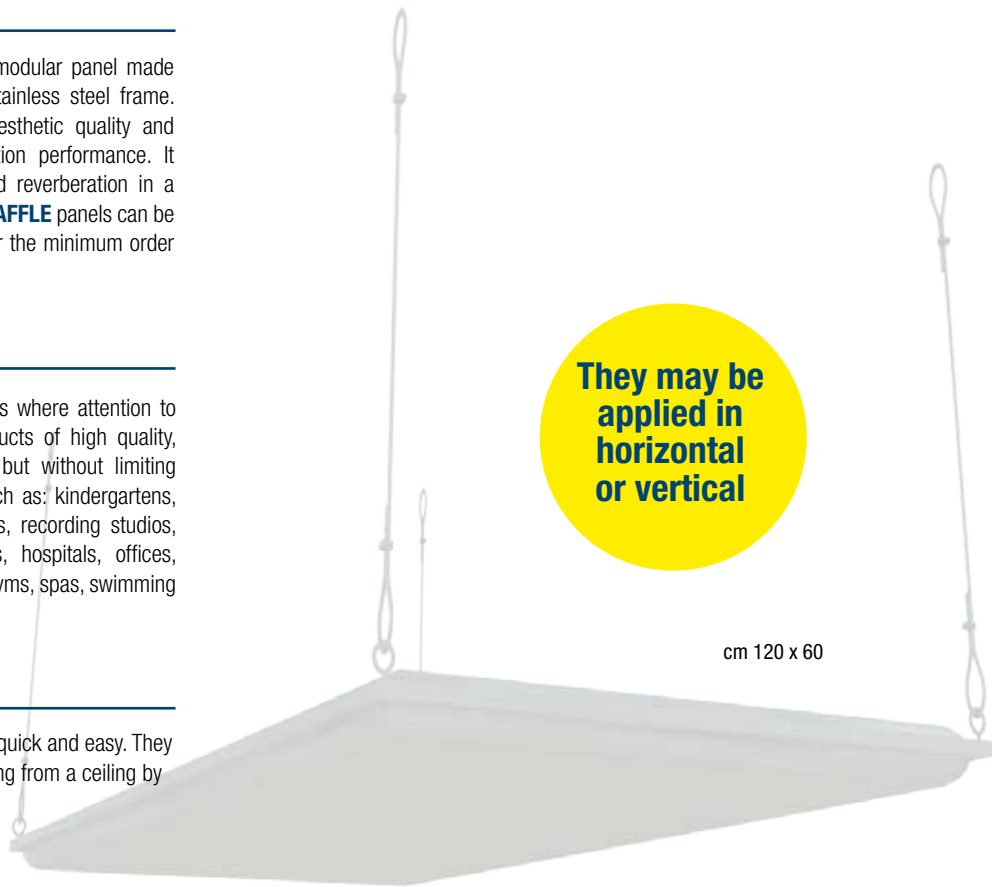
MAPPYFIBER BAFFLE is an acoustic absorption modular panel made of 100% polyester fibers in Class 1, F1 with a stainless steel frame. **MAPPYFIBER BAFFLE** combines perfectly the aesthetic quality and decorative effect with the highest sound absorption performance. It improves the acoustic comfort and removes sound reverberation in a practical and creative way because **MAPPYFIBER BAFFLE** panels can be completely customized to the needs of the client (for the minimum order contact our customer service).

Applications

MAPPYFIBER BAFFLE 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.

Installation

The installation of **MAPPYFIBER BAFFLE** panels is quick and easy. They may be applied in horizontal or vertical baffles hanging from a ceiling by threaded rods \varnothing 6mm and screw nut or steel threads.



Acoustic characteristics



MAPPYFIBER BAFFLES	
Colori Colours	Su richiesta On request
Densità Density	~ 50 kg/m3 ± 10% (PIANO/FLAT) 3.1 lb/ft3 ± 10% (PIANO/FLAT) 66 kg/m3 ± 10% (BOMBATO/CURVED) 4.1 lb/ft3 ± 10% (BOMBATO/CURVED)
Conduttività termica λ Thermal Conductivity λ	0.2364 Btu in/hr ft2 °F
Fattore di resistenza alla diffusione del vapore μ	3.34
Reazione al fuoco Reaction to fire	UNI 9177:1987 CLASSE 1 CLASS 1 EN 13501-1:2007 EUROCLASSE B s1 d0 EUROCLASS B s1 d0 ASTM E 84 CLASSE A (INDICAZIONE DA LETTERATURA) CLASS A (LITERATURE INDICATION) AS 1530-3 PASSA TUTTE LE CATEGORIE (INDICAZIONE DA LETTERATURA) PASS ALL CATEGORIES (LITERATURE INDICATION) BS 476-7 CLASSE 1 (INDICAZIONE DA LETTERATURA) CLASS 1(LITERATURE INDICATION)
Classe di fumosità Smoke index	NF F16-101:1988 F1a
Assorbimento acustico* Acoustic absorption	sp 30 mm; in adesione α _w =0,70 sp 30 mm; abbassato 30cm dal soffitto α _w =0,85 (UNI EN ISO 354:2003 e UNI EN ISO 11654:1998)
Certificazioni Certifications	Marchio CE CE Marking



measures available
cm 120 x 60

Description

MAPPYWOOD are high quality perforated, grooved or slotted timber ceiling and wall panels, incorporating the latest perforation techniques to maximize sound absorption and reduce reverberation. They are available in a wide range of finishing and with either a tongue and groove or square edge treatment on all four edges. The pre-engineered tongue and groove edge allows a continuous, uninterrupted look to wall and ceiling linings. The MDF substrate on these highly engineered panels may also be perforated independently to allow sound to pass through and be dissipated. Furthermore they are fire rated and have low formaldehyde content.

Applications

Typical applications include schools, lecture theatres, auditoriums, and most public spaces. **MAPPYWOOD** panels have exceptional high impact strength & durability for hard wearing areas such as sports centres, workshops, etc.

Installation

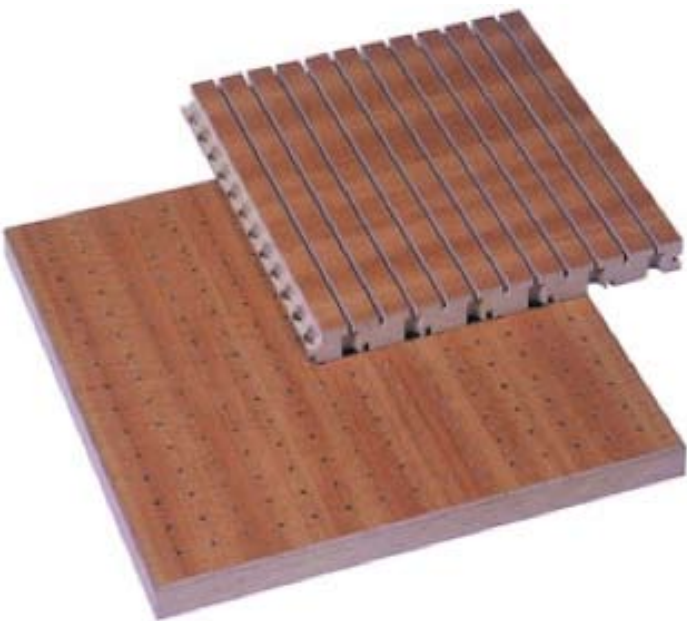
WALL INSTALLATION

MAPPYWOOD panels are supplied with either tongue and grooved or square edges. The vertical rail installation system allows for a fastener-free, demountable and re-usable wall finish, with virtually undetectable horizontal joints.

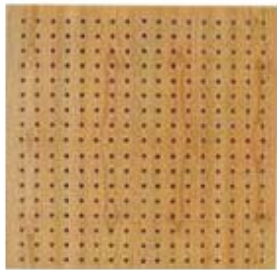
CEILING INSTALLATION

The rail system is secured by a steel rod and locking nut that can be fixed onto a standard ceiling support system. The rod comes at a maximum length of 1 m so for distances greater than 1 m a conventional fixing system using furring channels and hangers will be required.

READ THE INSTRUCTIONS AND INFORMATION IN OUR TECHNICAL DATA SHEET



SOME DECORATIVE FINISH



WIDE AVAILABILITY OF COLOURS



FIBRA / FIBRE

Reation to fire

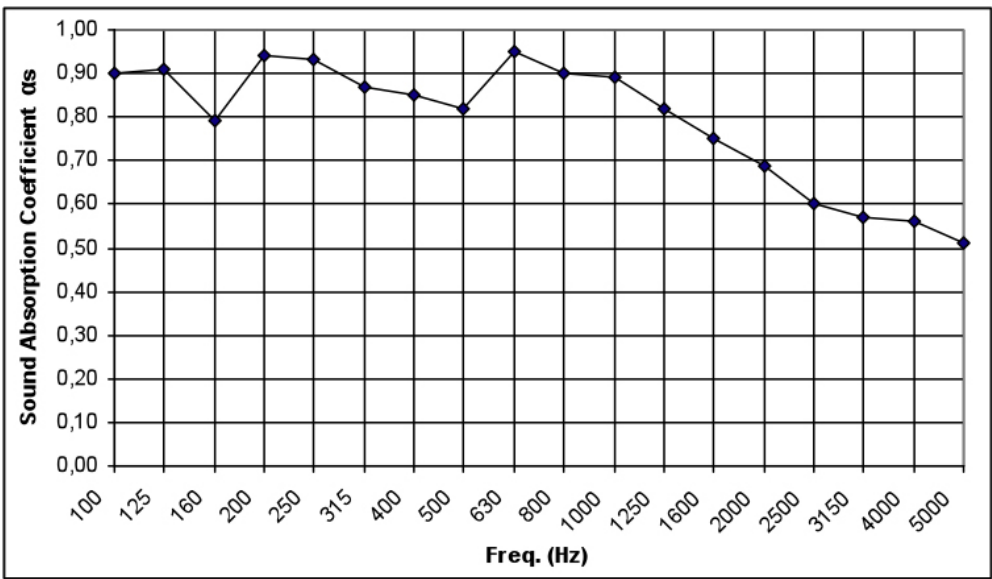
CLASS A (ASTM E84) - WOOD AND
PAINTED FINISH
CLASS B (ASTM E84) - DECORATIVE
LAMINATE FINISH

Assorbimento acustico
Acoustic absorption

NRC = 0.85 depending on the finish



Acoustic characteristics



POLISTIK/M UNDER SPECIAL HQ

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

Description

POLISTIK/M UNDER SPECIAL HQ is a mat for footstep noise insulation composed by a polyethylene foam layer coupled with a high density polyester fibre layer to improve its thermal and acoustic performances. Upon request it is available with overlapping flaps and with a protective film on the polyethylene foam layer.

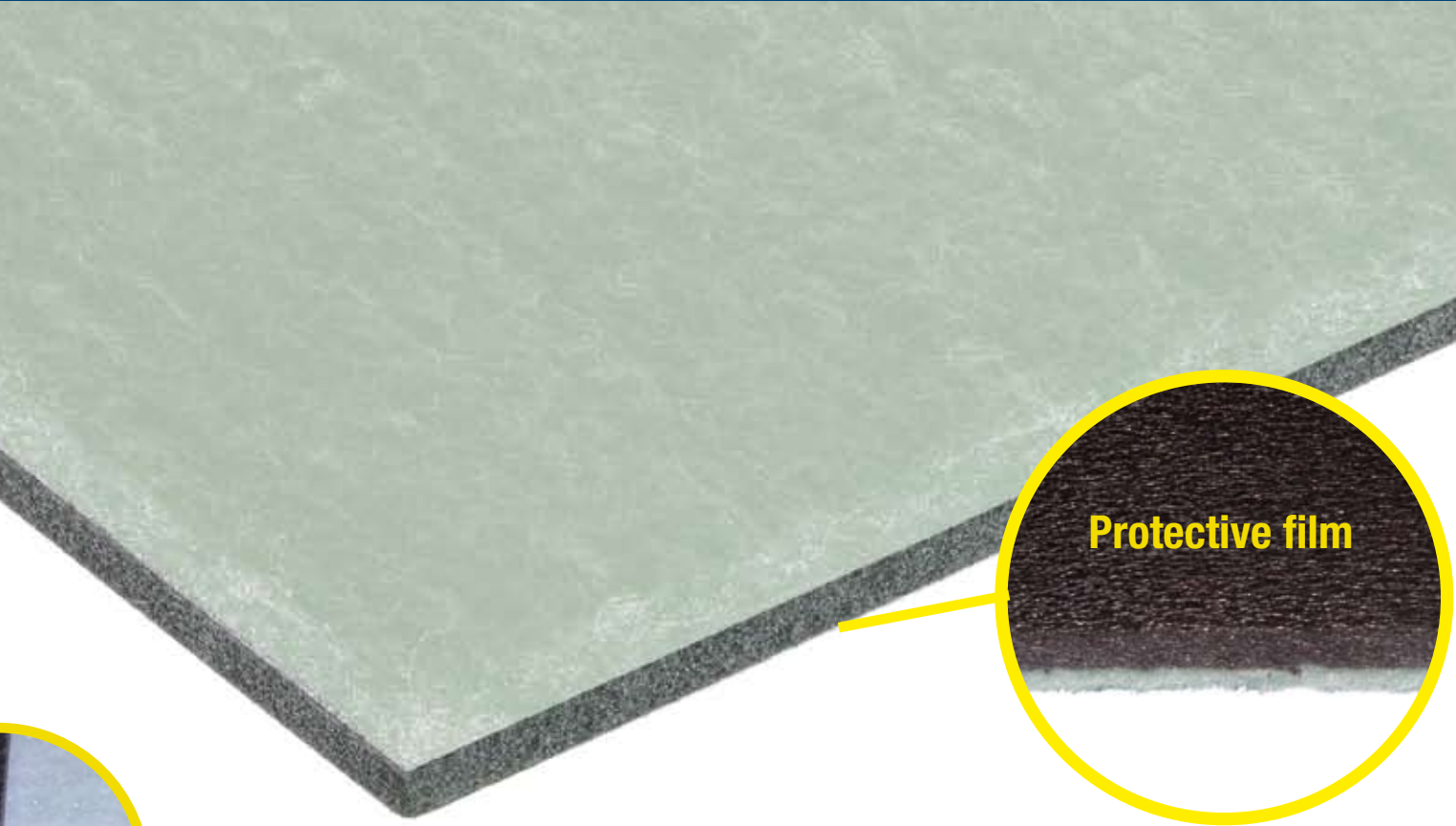
Applications

POLISTIK/M UNDER SPECIAL HQ 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.

Installation

Place **POLISTIK/M UNDER SPECIAL HQ** on top of the plant levelling layer and seal the ends with **MAPPYTAPE TXT adhesive** taking care not to leave gaps; the polyester fibre layer must be placed facing down. Use Mappy Italia's **FASCIA PERIMETRALE** 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.

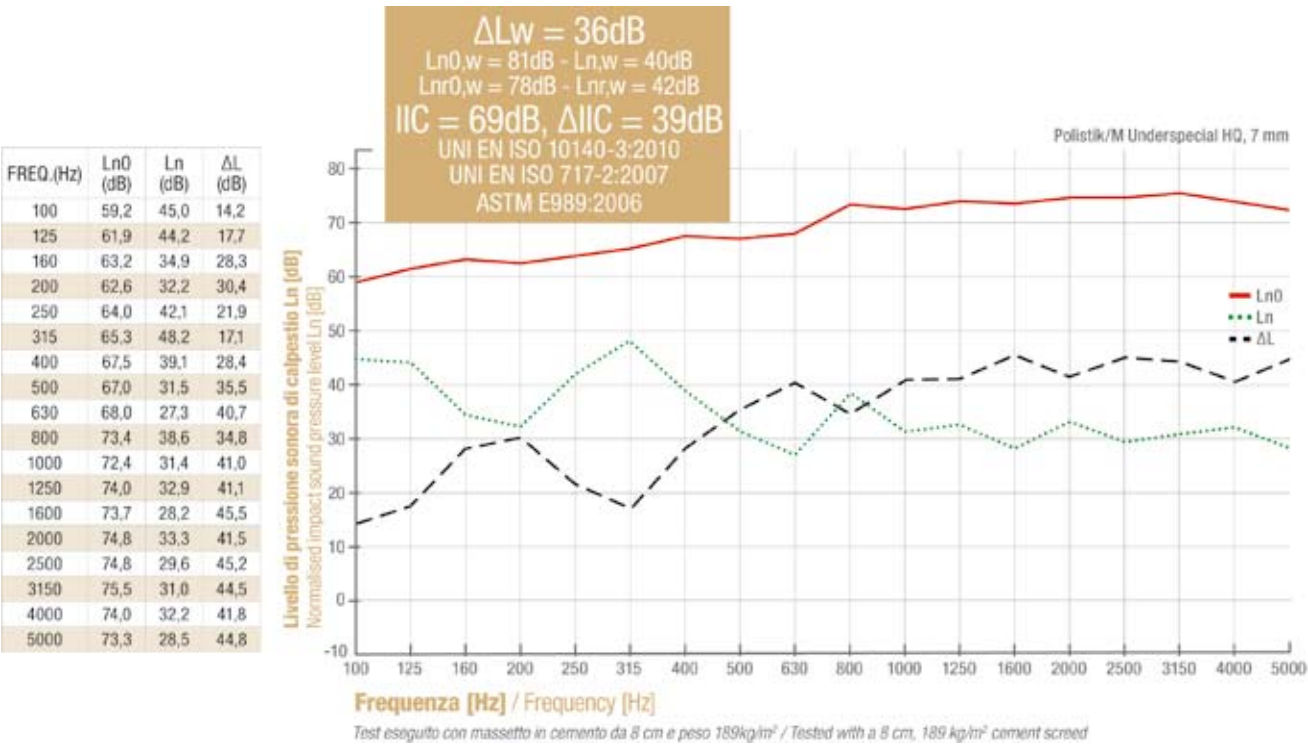
POLISTIK/M UNDER SPECIAL HQ can be cut using a cutter.



FIBRA/FIBER	
Colore Colour *	
Peso Weight	~ 320 g/m ²
POLIETILENE/PE	
Colore Colour	
Densità Density	~ 30 kg/m ³
POLISTIK/M UNDER SPECIAL HQ	
Footstep noise reduction	$\Delta L_w = 36\text{dB}$ (EN ISO 10140) $S' = 13\text{ MN/m}^3$ (UNI EN 29052-1:1993)
Dynamic stiffness	

* The colour may vary depending on the availability of the raw materials. We absolutely guarantee the same technical characteristics and performance of the products. Uniformity of colour cannot be guaranteed for all versions.

Acoustic characteristics



New building



MAPPYSILENT PLT 10

Description

MAPPYSILENT PLT 10 is a flexible sound insulation panel. It is composed of a high density elastomeric barrier with added mineral loads (**Mappysilent**) coupled with a physically reticulated closed-cell polyethylene layer (**Polistik**).

Applications

MAPPYSILENT PLT 10 is ideal for sound insulation of inter-floor slabs and floor slabs.

Installation

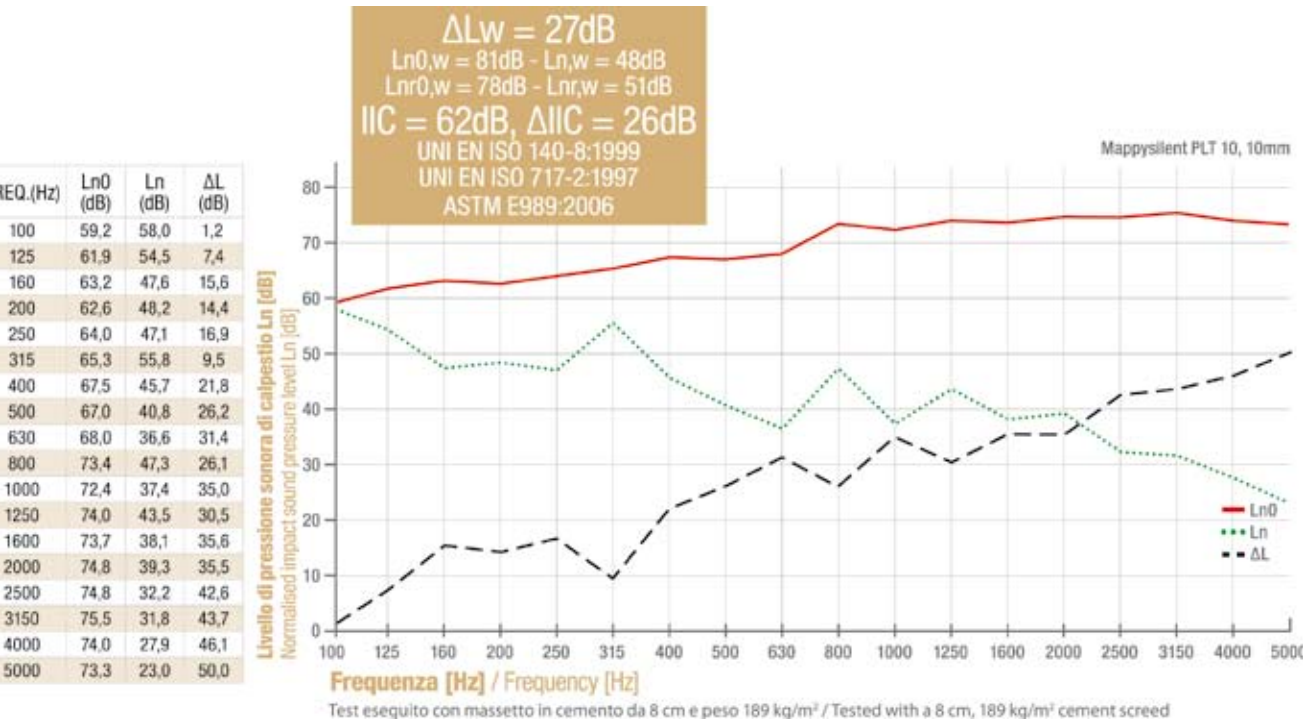
Place **MAPPYSILENT PLT 10** on top of the plant levelling layer and seal the ends with **MAPPYTAPE TXT adhesive** taking care not to leave gaps; the polyester fibre layer must be placed facing down. Use Mappy Italia's **FASCIA PERIMETRALE** between the horizontal partition and the just-placed mat to build a completely floating slab; trim the band only after placing the coating on the floor.

MAPPYSILENT PLT 10 can be cut using a cutter.



With
ADHESIVE
overlapping flap

Acoustic characteristics



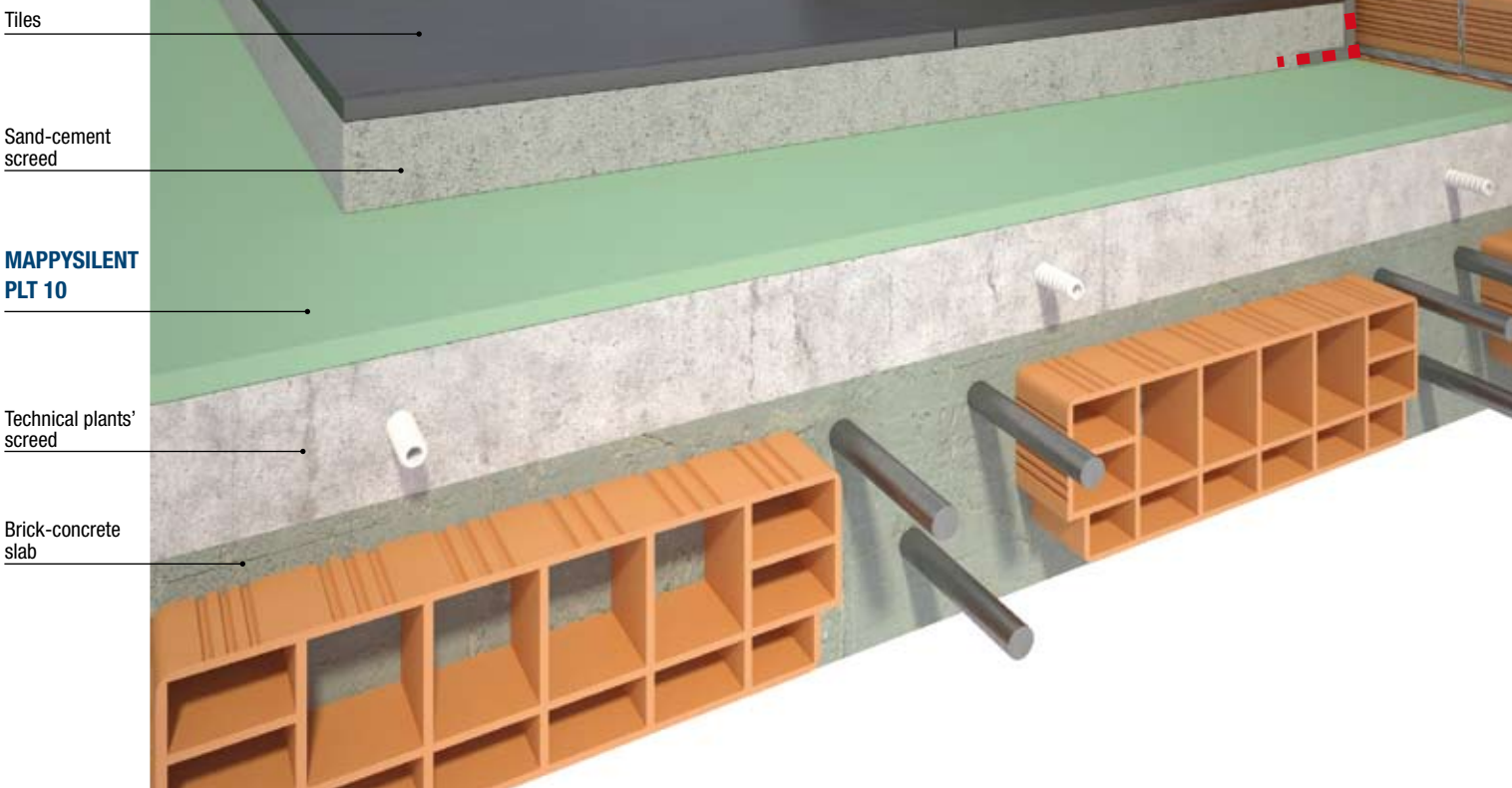
TOP QUALITY
HIGH RESISTANCE:
you can walk on top
of the product without
damaging it

ELASTOMERIC MASS	
Colour	■
Weight	~ 4 kg/m ²
Reaction to fire	It does not spread fire (ISO 3795) EUROCLASS E (EN 13501)
Certifications	CE Marking
PHYSICAL PE	
Colour	■
Density	~ 30 kg/m ³
MAPPYSILENT PLT 10	
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/m² granite screed

Supplied with
"fascia perimetrale L"
a precut strip
to disconnected walls
and floor

New building



Case Histories and references of success

www.mappyitalia.com

Traditional Theater
at Grand Hamad Road
Doha - Qatar



NDIA (New Doha International Airport) - Qatar



Al Jalila Children's Hospital - Dubai



Mappyfiber trevira bombato:
Reastaurant in Modena (Italy)



Unicredit Bank Tower - Milan



Al Wajba Majlis and Offices - Qatar



MAPPY ITALIA 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..

