BM ACOUSTIC

BM SYDNEY



acoustic panel

REVOLUTIONARY TECHNOLOGY TO CREATE YOUR UNIQUE SPACELEADERS IN ACOUSTIC PERFECTION

SERVICE VALUE
Serving customers is the sole reason for our existence.

MISSION
Create new space for quality life

VAP-UV

ACOUSTIC PANEL
QUIET- COMFORTABLE- STYLISH

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ACOUSTIC PANEL

QUIET- COMFORTABLE- STYLISH

New type sound-absorbing wall panel



VAP-UV 01

Geometric wood-grain sound-absorbing wall panels - Bring nature and tranquility into your home

Say goodbye to the high costs and maintenance issues of traditional solid wood. This UV-printed wood-grain polyester fiber board restores to you a warm texture comparable to natural wood.

With high-resolution UV printing technology, it precisely replicates the details and color layers of the wood grain. Combined with the three-dimensional geometric splicing design, it instantly enhances the sophistication of the space when installed on the wall.

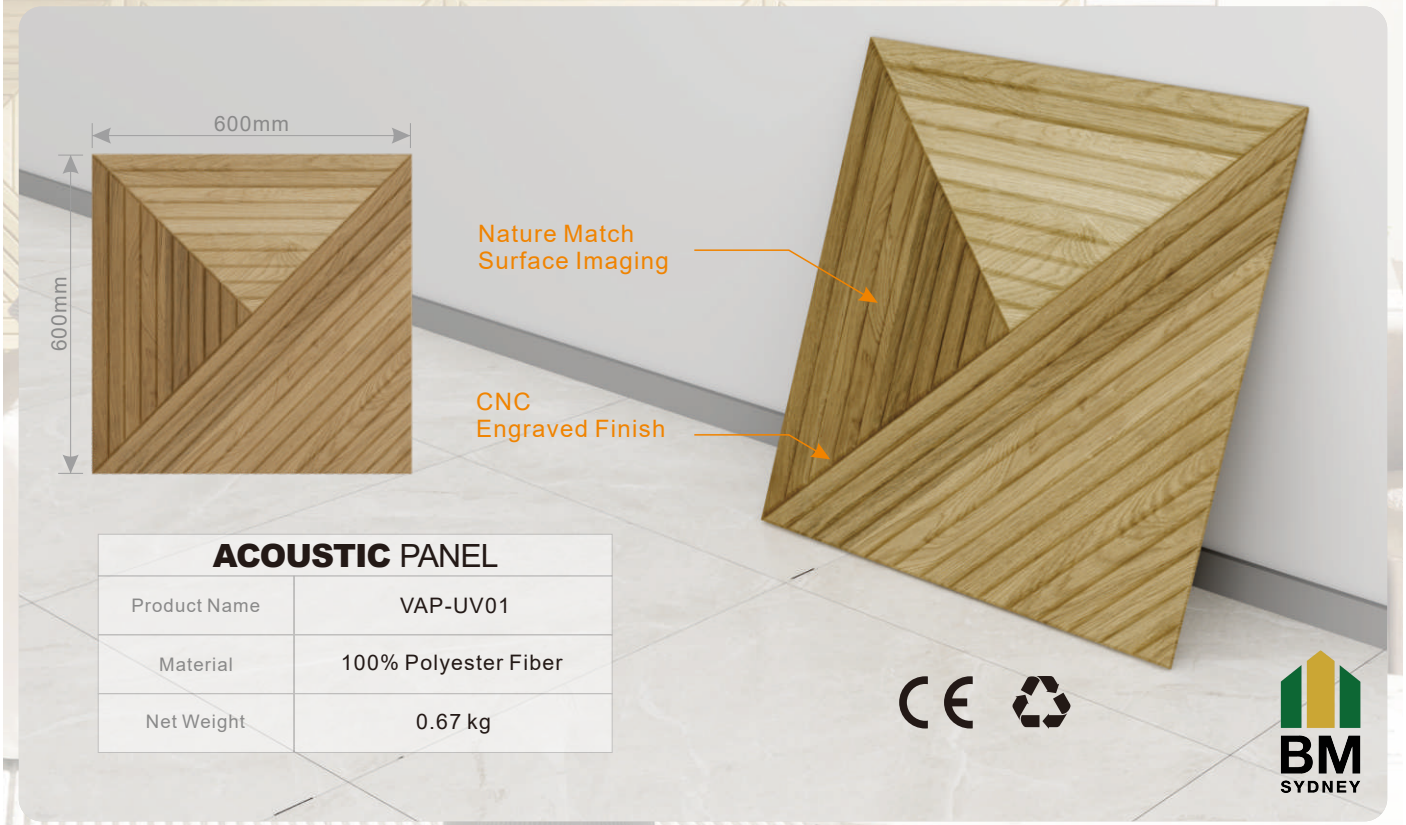
The core polyester fiber substrate has a porous structure that efficiently absorbs mid-to-high frequency noise. With an excellent NRC noise reduction coefficient, it easily solves the problems of echoes and reverberation, making it suitable for audio-visual rooms, offices, and live streaming rooms.

Moisture-resistant, and easy to install. No professional construction is required, allowing you to easily create a quiet and beautiful ideal space.

Please Note:
This product features a printed woodgrain finish and is not made of solid wood.

Please Note:
Due to the 3D texture, colorvaries with light and angle.

DIMENSION	SQM/CARTON	BOARDS/CARTON
600x600x9mm	2.88mm^2	8



ACOUSTIC PANEL	
Product Name	VAP-UV01
Material	100% Polyester Fiber
Net Weight	0.67 kg

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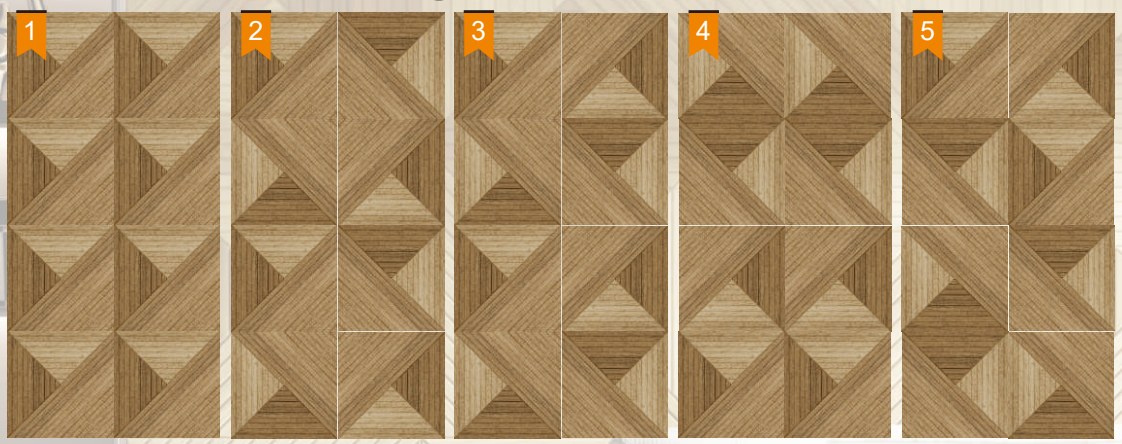
QUIET- COMFORTABLE- STYLISH

New type sound-absorbing wall panel



Please Note: Due to the 3D texture, color varies with light and angle.

You can arrange it like this



You can unlock more effects on your own.

ACOUSTIC EXCELLENCE

Professional-level sound absorption performance, effectively reducing environmental noise and enhancing the comfort of the space.

DECORATIVE VERSATILITY

Rich wood grain and color options, perfectly suitable for various design styles such as modern, minimalist, and industrial.

LIGHTWEIGHT DESIGN

It is over 60% lighter than traditional wall panels, significantly reducing the transportation and construction efforts.

EASY INSTALLATION

Modular snap-in installation, no need for professional tools, and it can be completed quickly by a single person.

SPACE SAVING

With a thickness of only 9mm, it saves 70% of the wall space compared to traditional sound insulation solutions.

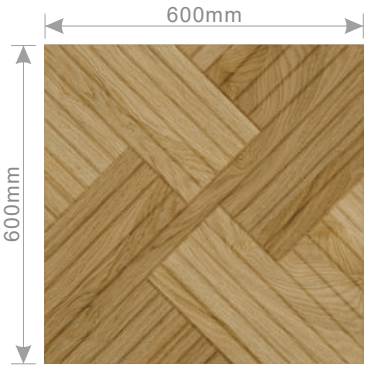
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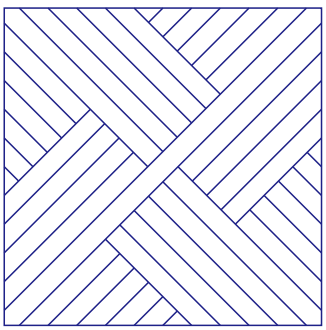
ACOUSTIC PANEL

QUIET- COMFORTABLE- STYLISH

New type sound-absorbing wall panel

We have these styles

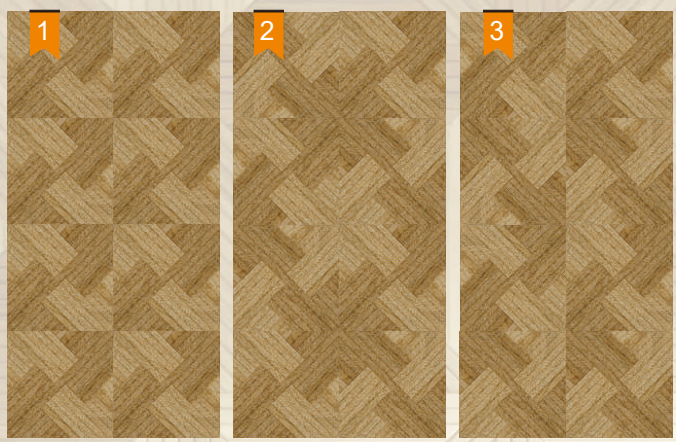




VAP-UV 02

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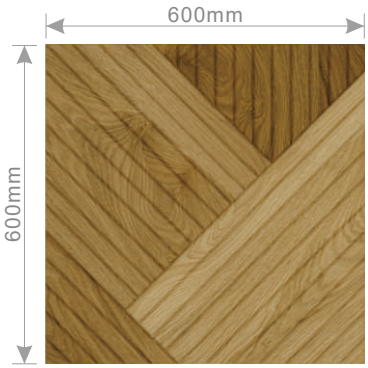
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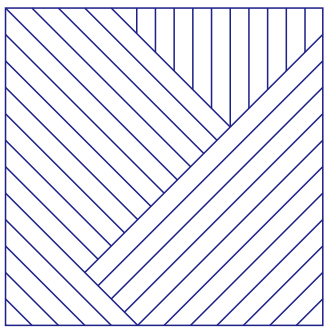
ACOUSTIC PANEL

QUIET- COMFORTABLE- STYLISH

New type sound-absorbing wall panel

We have these styles

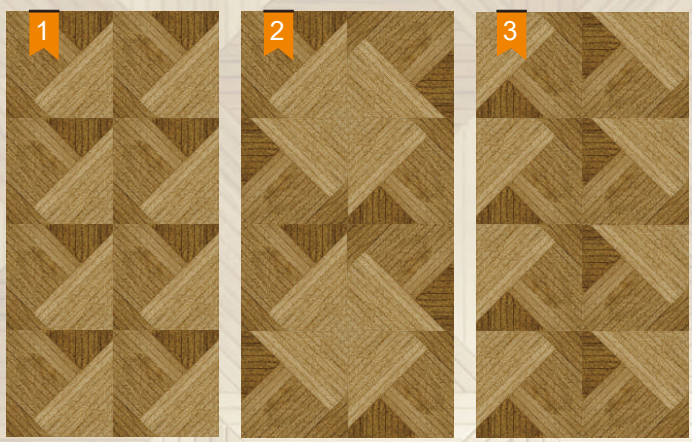


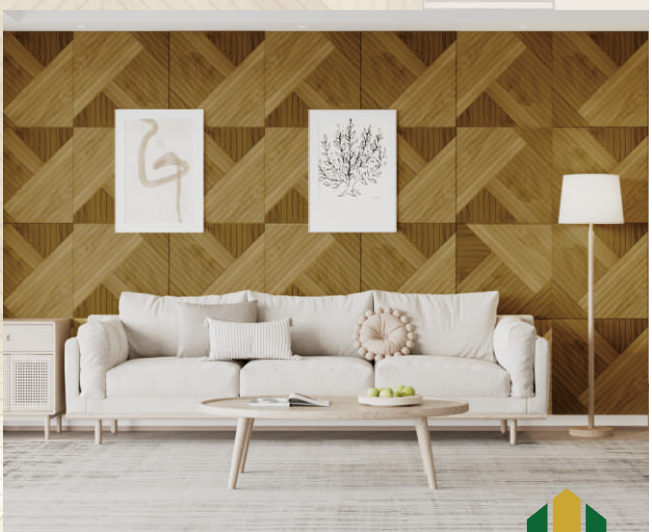


VAP-UV 03

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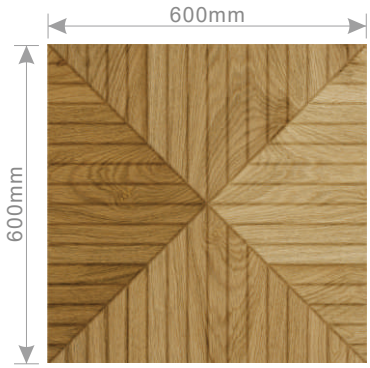
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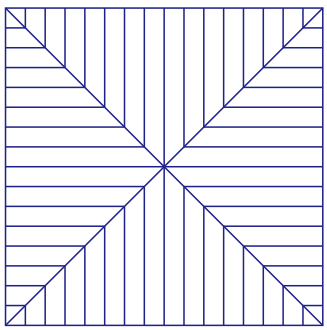
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QUIET- COMFORTABLE- STYLISH

New type sound-absorbing wall panel

We have these styles





VAP-UV 04

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New type sound-absorbing wall panel

Acoustic test

Traditional wall panels:

It can only absorb high-frequency noise, while the low-frequency reverberation is obvious and the spatial echo is large.



New type sound-absorbing wall panel :

The full-frequency band sound absorption coefficient NRC is ≥ 0.8, effectively eliminating echoes and creating a quiet environment.

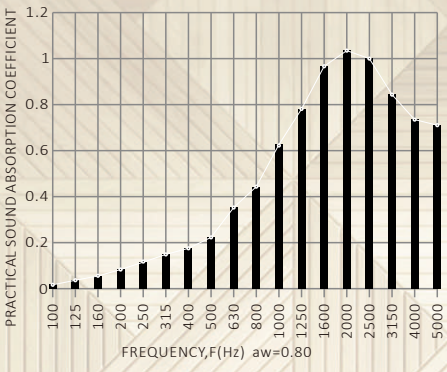


SOUND ABSORPTION COEFFCIENT FOR ACOUSTIC PANELS

Laboratory measurements of sound absorption coeffcient were carried out in a reverberation room according to the test method of EN ISO 354:2003.



Panel mounted directly to the wall



As seen in the graph, the 0.82” panel, mounted directly to the wall, obtains an absorption coefficient of 0.8 (MH).

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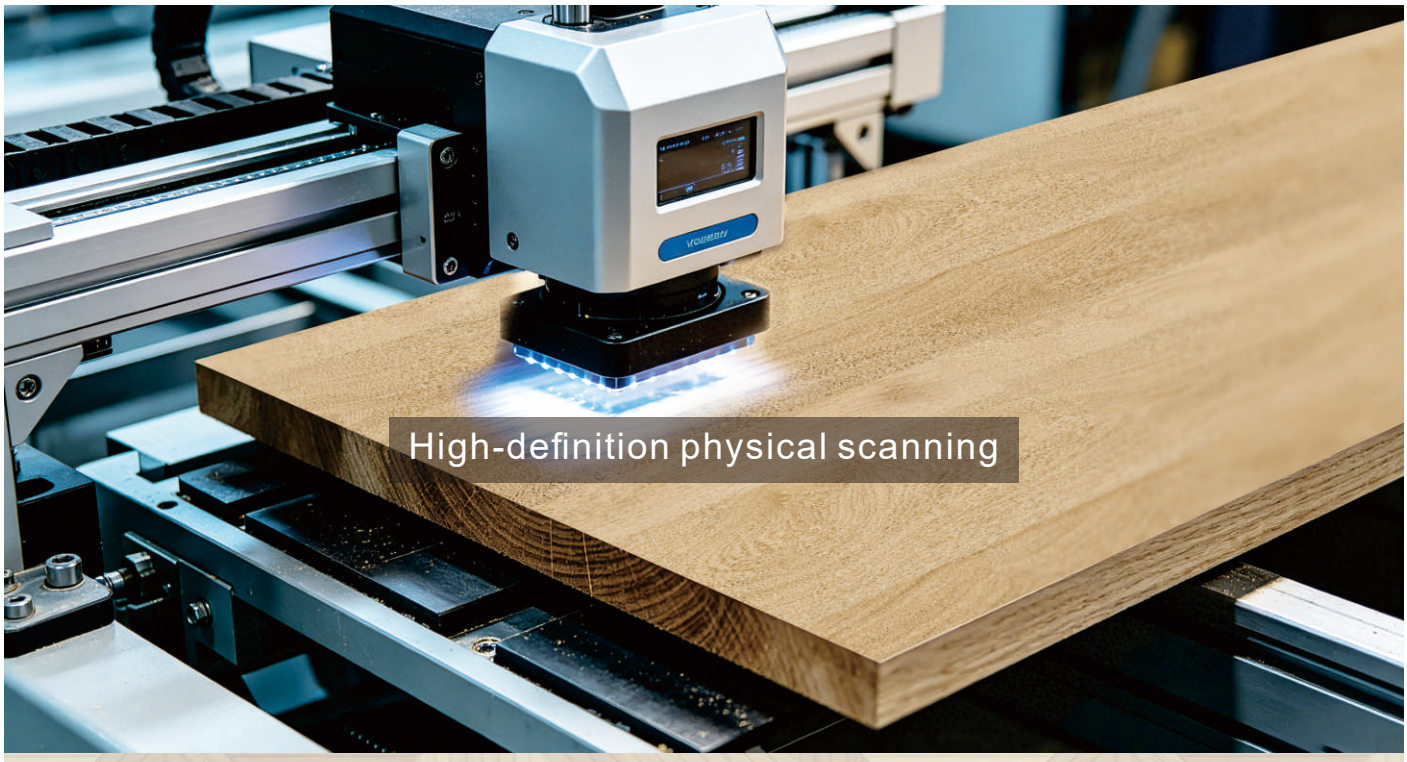
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UV Printing Technology

Select high-density polyester fiber as the base material, and adopt high-precision UV digital printing technology to reproduce the texture, color and texture of natural wood with micrometer-level accuracy on the surface of the board.

Through professional color calibration and high-definition printing technology, the original wood's growth rings, texture depth variations, and natural color transition have been fully restored. From the delicate straight lines to the tense mountain patterns, every line is clear, natural, and well-defined in layers. This breaks the stiffness of traditional printing and achieves a realistic effect of "appearing with the warm texture of the original wood from a distance, and revealing the natural texture details when viewed closely."

The UV-activated coating not only makes the wood grain colors rich and bright, resistant to sunlight and not fading, but also endows the surface with practical properties such as wear resistance, scratch resistance, moisture resistance and anti-fouling. This enables the polyester fiber board to combine the high-grade texture of real wood with the stable durability of artificial boards. Without the need for maintenance, it can maintain the warm and smooth appearance of real wood for a long time, easily achieving the effect of creating a wood-style space at a low cost.



Natural OAK

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Installation rocess

1 TYPESETTING

At the area to be constructed, the new sound-absorbing wall panels will be arranged and adjusted.

2 CUTTING

Either mechanical or manual cutting can be used; for manual cutting, a rigid ruler is selected and the cutting tools use imported office knife blades.

Special reminder: the base surface must be clean and flat, and the seams ofnon-porous substrates must be firmly pasted with transparent adhesive tape.

3 INSTALLATION GUIDE

The construction mainly involves pasting. There are various types of adhesives such as spray glue, hot melt glue, white glue, and glass glue. Different adhesives are used for different substrates. If using white glue, gun nails can be used as auxiliary. For smooth cement walls, direct construction can be carried out using spray glue, which saves time and materials. It is recommended to apply glue only on the construction base surface (single-sided glue application). The strip fitting method can also be used for installation.

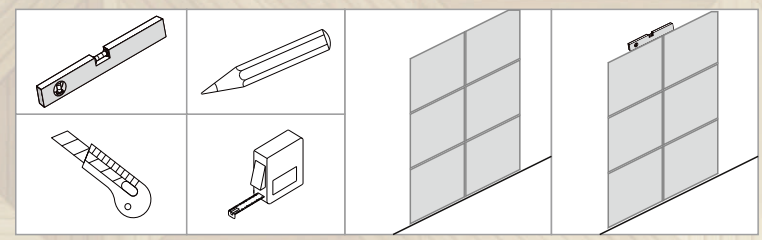
SLICE

This polyester acoustic poduct is easyCut with a sharp blade.
You can cut with a sharp utility blade, or ou can cut with a professional cutting equipm t. when you use a utility knie or saw to cut the soundproof board,It is recommended that you mark in advance by using a pen against a ruler, so that it is not easy to make mistakes.

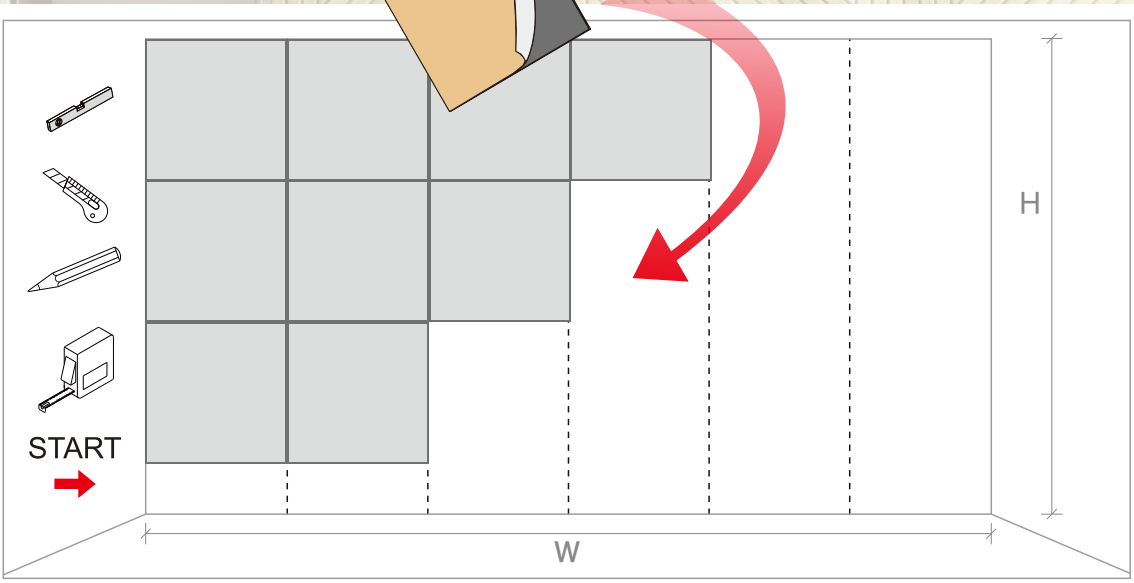
MAINTENANCE AND CLEANING

It is also very convenient to maintain this piece, you can wipe it with a dry cloth, you can also clean the dust by blowing the air, you can also clean it by vacuuming, before cleaning to ensure that the vacuum cleaner is clean.

INSTALLATION



Simply tear off the centrifugal paper on the back of the product,and stick it at the position you prefer, or according to your pre-planned layout.



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Our new sound-absorbing wall panels are not only an acoustic solution, but also a carrier of spatial aesthetics. Through innovative materials and techniques.

We have redefined the integration of sound absorption and decoration, offering more efficient, more aesthetically pleasing and more sustainable options for various spaces such as offices, businesses and residences.

Thank you!

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BUILDING MATERIALS

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