

Acoustic Wall Panel

Indoor Series



MNS is One-Stop Supplier of Your Floors & Walls Solutions.

MNS was established in Shijiazhuang City, Hebei Province in 2008, focusing on the research, development, production and sales of Flooring and Wall Panels.

The Group contains two brands which are "Hanshan" and "MNS". With rapid development, our group has expanded our wooden slat acoustic panel factories to 15,000 square meters and has a strong production capacity of 1,000,000 square meters of acoustic panels annually. Now our acoustic wall panel becomes more and more popular. We can produce not only the normal types but also the special types.

We provide both OEM services and our own brand in the whole world based on Excellent Quality, Good Prices, Fast Delivery. Now the overseas market covers USA, Canada, UK, Australia, New Zealand, Holland, Germany, Czech Republic, Norway, Armenia, Austria, Italy, Belgium, Kosovo, Macedonia, Bosnia and Herzegovina, Cyprus, Sweden, South Korea, Singapore and so on.

"Customer First, 24-hour Service" is always our principle and our aim is to provide the highest cost performance one-stop Floors & Walls to all over the world and let our brand becomes popular throughout the whole world.



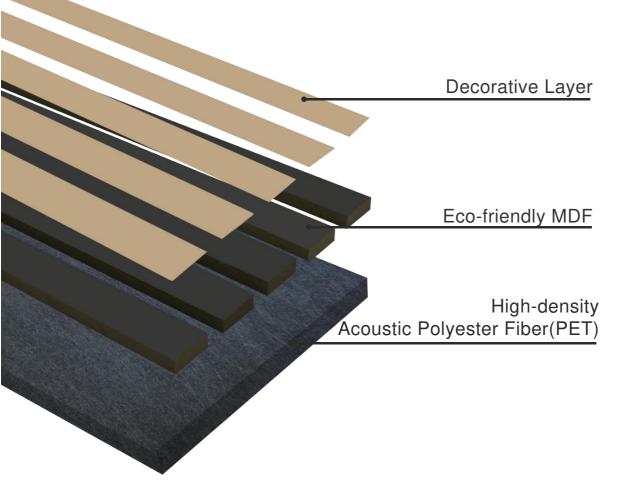
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PRODUCT STRUCTURE

- **Decorative Layer:** It is the top layer of the acoustic wall panel to show the colors and it can be made with different materials: technical wood veneer, natural wood veneer, PVC film, malemine, HPL, leather, etc.
- Eco-friendly Slat: It is the core material of the acoustic wall panel. The main material is MDF, whose color is black and yellow. And Solid Hardwood, Bamboo, PS, WPC and other materials also can be used.
- High-density Acoustic Polyester Fiber(PET): It is an ideal product in sound absorption and heat insulation materials. It has different density: 1350g/m², 1700g/m² and different thickness: 6mm, 7mm, 8mm, 9mm, 10mm, etc. And its common color is black but light grey, coffee and other colors also can be used. It also has the function to fix the wall panels.



Structure Details

Name	Meterial	Color	Thickness
Decorative Layer	Wood Veneer, PVC Film, Malemine, HPL, Leather, etc.	Wood, Marble, Pure, Metal, Cloth, Leather, etc.	Wood Veneer: 0.25mm, 0.4mm, 1mm; PVC Film: 0.14mm, 0.16mm, etc.
MDF Slat	Formaldehyde Grade: E1, E0, P2, etc.	Normal=Yellow, Black	9mm, 12mm, 15mm, etc.
Acoustic Polyester Fiber	PET Density: 1350g/m², 1700g/m², etc.	Black, Light Grey, Dark Grey, Coffee, etc.	9mm, 8mm, 7mm, etc.

KEY FEATURES

The slat acoustic wall panels consist of a solid core foundation wrapped in the richness of decorative layer, all attached to PET felt as backing, which makes these optimal for style and noise cancellation.

Elevate your space with our acoustic wall panels that give any room a quiet and relaxed feel while also create a beautifully contemporary look.



This wall panel is our best seller and therefore a recommendation for you!



This wall panel is our price-performance for you!



This wall panel is safe and eco friendly: no harmful chemical emissions.



Significant Sound Absorption: This wall panel is made of PET felt and so it has good sound absorption



Fast Installation: This wall panel is easy to install: Installation is quick and easy.

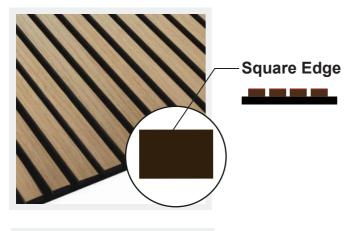


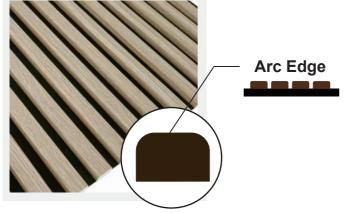
Decorative Aesthetics: This wall panel combines style and functionality, enhancing both the aesthetics and acoustics of any space.

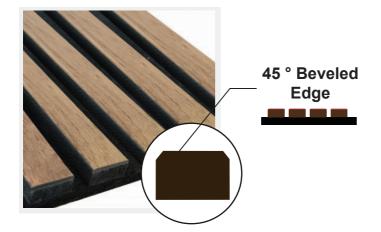


Suitable for Commercial & Residential Projects: These aesthetically pleasing panels can easily be installed on walls & ceilings in both commercial and residential applications.

DIFFERENT SLAT EDGES







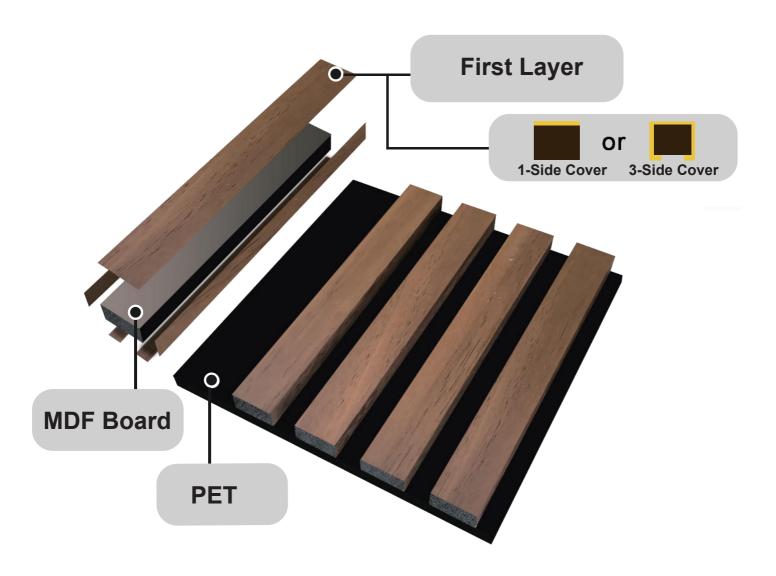


Slat Edge Choice

Name	Square Edge	Arc Edge	45 ° Beveled Edge
Technical Wood Veneer	₩	✓	✓
Natural Wood Veneer	✓	✓	✓
PVC Film	✓	✓	✓
Malemine	✓		✓
Advantage	High Cost-Effective	Safe & Beautiful	Safe

-1-SIDE COVER & 3-SIDE COVER-

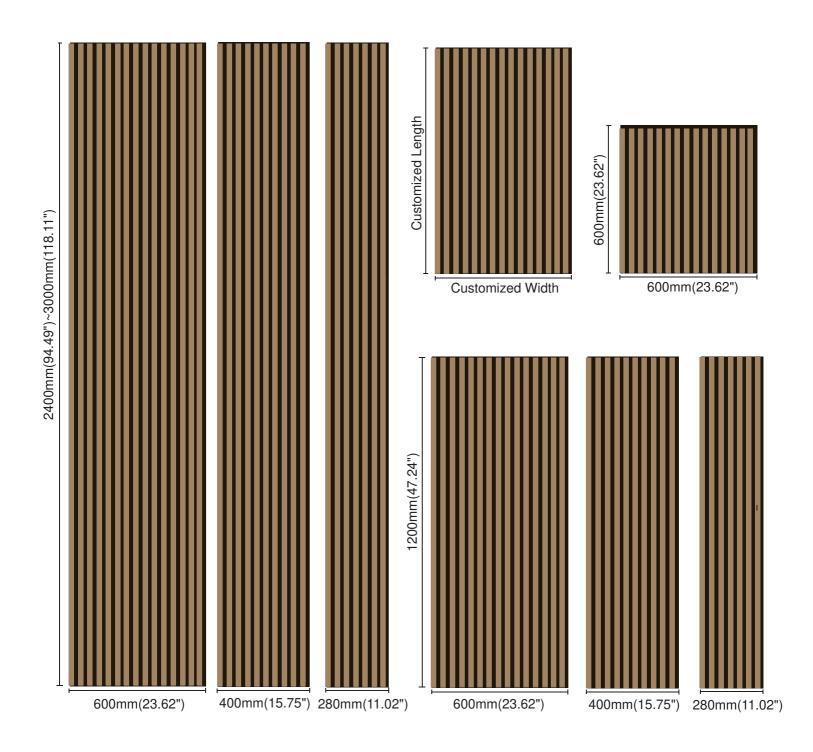
- **1-Side Cover:** The decorative/first layer is usually just wrapped on the top of the slat. It is with the highest cost performance and it has strong sense of solid wood from the front.
- **3-Side Cover:** The decorative/first layer is usually wrapped on the 3 side of the slat and it looks same from the front and from the sides and thus it looks the same as solid wood which is integrated.



First Layer Cover Choice

Name	Technical Wood Veneer	Natural Wood Veneer	PVC Film	Malemine
1-Side Cover	✓	✓	4	*
3-Side Cover	✓	4	4	

PRODUCT SIZES



Any other size (different length, width and thickness) requirements can be customized.

Application Place: Both residential and commercial places can be applied.

Hotel Lobby, Corridor, Room Decoration, Conference Halls, Recording Rooms, Studios, Residences, Shopping Malls, Schools, Office Space, etc.

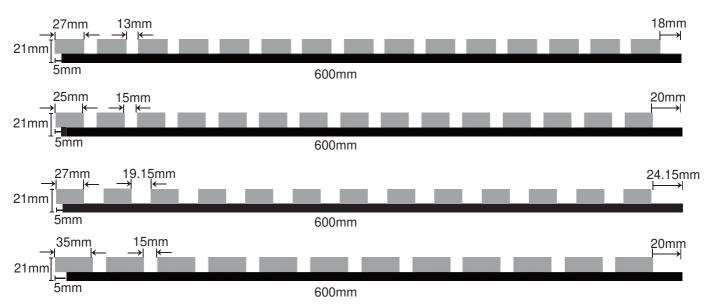
- DIFFERENT MODELS & SHAPES -

MDF Slat Width: 25mm, 27mm, 35mm, etc.

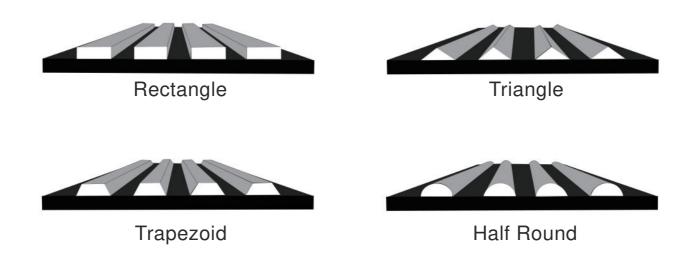
Separation Distance Between 2 Slats: 13mm, 15mm, 19.15mm, etc.

Application Choice: If installation areas are larger, can consider 27/19.15 type; If installation areas are smaller, can consider 27/13 type.

DIFFERENT MODELS



DIFFERENT SHAPES



Other new shapes will come soon!

CERTIFICATES

For import customs clearance and quality testing purpose of all clients, our company can provide relevant product certificates after being certified by authoritative institutions.





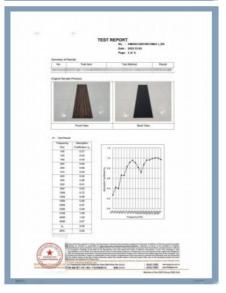


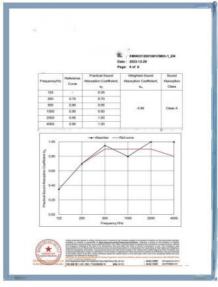












Wooden Slat Acoustic Panel Specification

Surface Material	Technical Wood Veneer, Natural Wood Veneer, PVC Film, Malemine, HPL, Leather, etc.
Basic Material	MDF, Solid Hardwood, Bamboo, PS, WPC, etc.
Bottom Material	100% Polyester Fiber Acoustic Panel(PET)
MDF Slat Thickness	9mm(0.35"), 12mm(0.47"),15mm(0.59"), etc.
MDF Slat Width	27mm(1.06"), 25mm(0.98"), 35mm(1.38"), etc.
Separation Distance	13mm(0.51"), 15mm(0.59"), 19.15mm(0.75"), etc.
PET Thickness	6mm(0.24"), 7mm(0.27"), 8mm(0.31"), 9mm(0.35"), 10mm(0.39"), etc.
Panel Length	600mm(23.62"), 1200mm(47.24"), 2400mm(94.49"), 2500mm(98.43"), 2600mm(102.36"), 2700mm(106.30"), 2800mm(110.24"), 2900mm(114.17"), 3000mm(118.11"), etc.
Panel Width	600mm(23.62"), 520mm(20.47"), 400mm(15.75"), 280mm(11.02"), etc.
Standard Panel Thickness	21mm(0.83"): 12mm(0.47") MDF slat with 9mm(0.35") PET
Formaldehyde Test	EN717-1: Class E0; ASTM D6007-22: P2
Sound Absorption Coefficient	EN ISO 354:2003: Class A
Features	Sound Absorption, Easy Installation, Light Weight, Decorative Aesthetics, etc.
Usage	Accent Wall, Feature Wall, Background Wall, Ceiling, etc.
Application	Hotel Lobby, Corridor, Room Decoration, Conference Halls, Recording Rooms, Studios, Residences, Shopping Malls, Schools, Office Space, etc.
Loading Quantity	2400X600X21MM (94.49"X23.62"X0.83"): 246CTNS=492PCS=708.48M²=7626.26SQFT/20FT, 700CTNS=1400PCS=2016M²=21700.75SQFT/40HQ; 2700X600X21MM (106.30"X23.62"X0.83"): 246CTNS=492PCS=797.04M²=8579.55SQFT/20FT, 580CTNS=1160PCS=1879.2M²=20228.2SQFT/40HQ; 2900X600X21MM (114.17"X23.62"X0.83"): 246CTNS=492PCS=856.08M²=9215.07SQFT/20FT, 580CTNS=1160PCS=2018.4M²=21726.59SQFT/40HQ;



TECHNICAL WOOD VENEER

It is real-wood and born from a natural core and it is the most cost-effective choice.

Compared with natural wood veneer, it is more consistent in terms of appearance and color and is generally free of surface knots, while still maintaining the natural wood grain from the core species used. Compared with Malemine, PVC Film and HPL, it is more vivid and authentic.



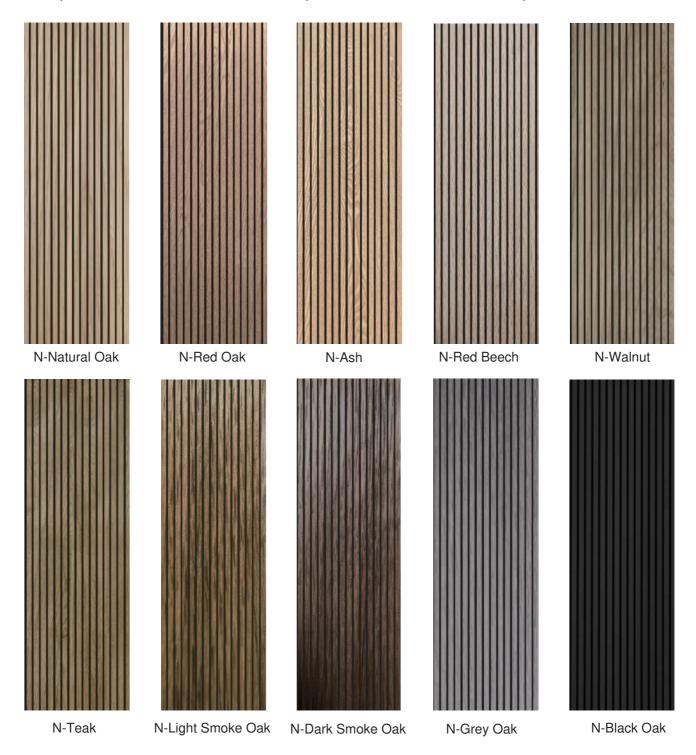
Technical Wood Veneer	Slat Edges Choice		pice First Layer Cover Choice		
Standard Size					
2400mm(94.49")X600mm(23.62")X21mm					
2700mm(106.30")X600mm(23.62")X21mm	Square Edge	Arc Edge	45° Beveled Edge	1-Side Cover	3-Side Cover
2900mm(114.17")X600mm(23.62")X21mm	*	*	*	*	*



NATURAL WOOD VENEER

It is a unique and beautiful material sliced from the log (flitch) of a tree. It is the most authentic and expensive.

Each piece of veneer features an authentic pattern which is reflective of the species of tree.



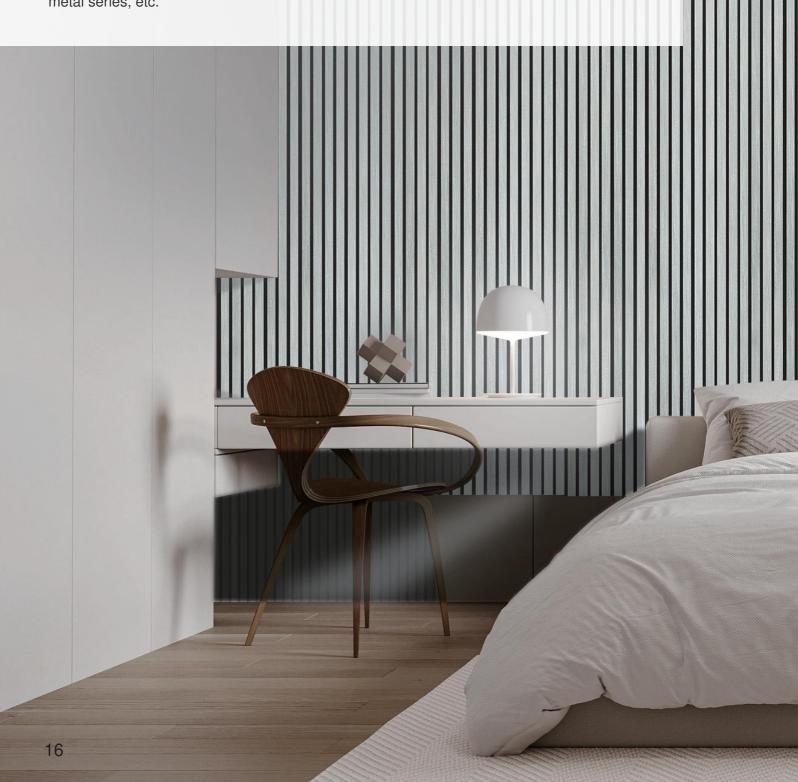
Natural Wood Veneer	Slat Edges Choice		eer Slat Edges Choice First Layer Cover Cho		over Choice
Standard Size					
2400mm(94.49")X600mm(23.62")X21mm					
2700mm(106.30")X600mm(23.62")X21mm	Square Edge	Arc Edge	45° Beveled Edge	1-Side Cover	3-Side Cover
2900mm(114.17")X600mm(23.62")X21mm	1	4	1	*	*



PVC Film is a type of plastic film, typically used for decorative purposes.

PVC film is made of polyvinyl chloride (PVC) material and it is 100% waterproof, fireproof, durable & cost-effective.

Its color types are more than others, such as: wood series, pure color series, marble series, metal series, etc.





PVC Film	Slat Edges Choice		PVC Film Slat Edges Choice First Layer Cover Cho		over Choice
Standard Size					
2400mm(94.49")X600mm(23.62")X21mm					
2700mm(106.30")X600mm(23.62")*21mm	Square Edge	Arc Edge	45° Beveled Edge	1-Side Cover	3-Side Cover
2900mm(114.17")X600mm(23.62")X21mm	*	*	*	*	✓



PVC FILM-WOOD SERIES

Wood colors are characterized by a strong sense of wood, and can even replace high-quality logs and they can be used in any places.

Thousands of wood grain colors are available: Oak, Walnut, Maple, Beech, Ash, Birch, Pine, Rosewood, Sandalwood, Teak, etc.







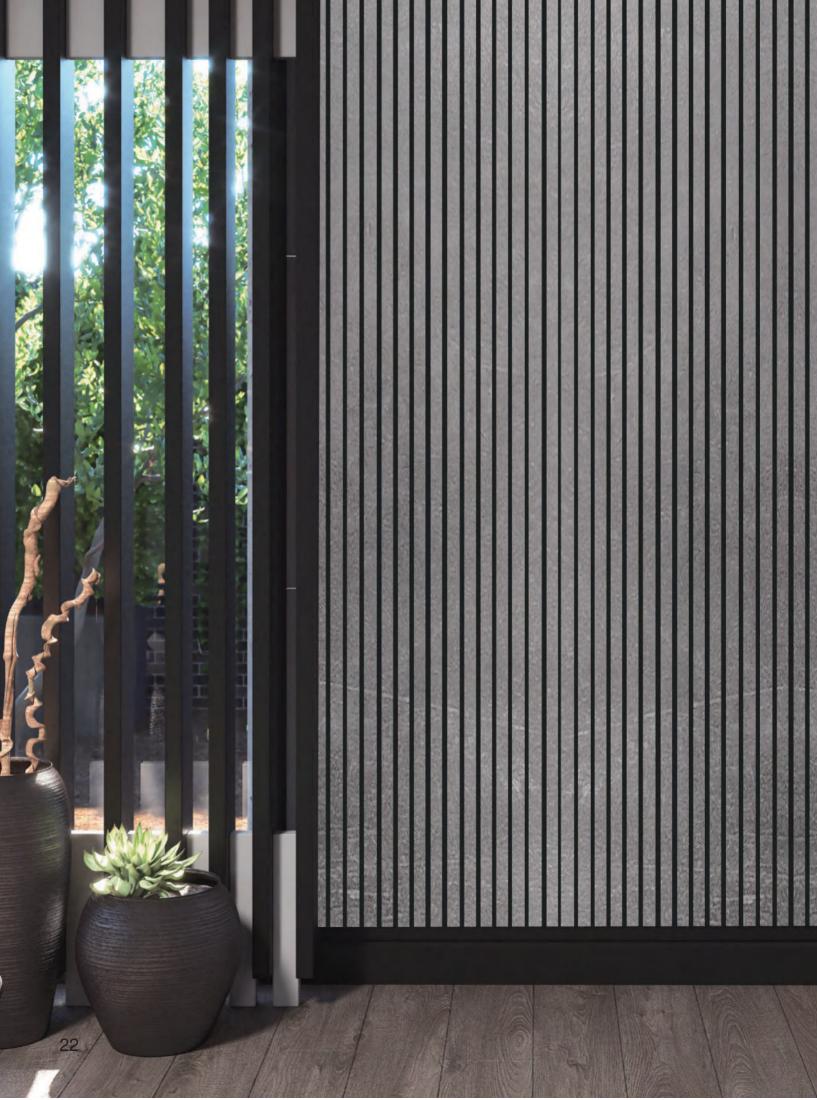
PVC FILM-PURE COLOR SERIES -

Pure colors can create a quiet and tranquil atmosphere to help persons to relax and make persons feel comfortable and focused, and improve learning and work efficiency.

Pure colors can bring unique style to space. All tones of colors can be made: white, green, gray, black, blue, yellow, orange, etc.

Pure colors are always used in office, library, children's room, etc.

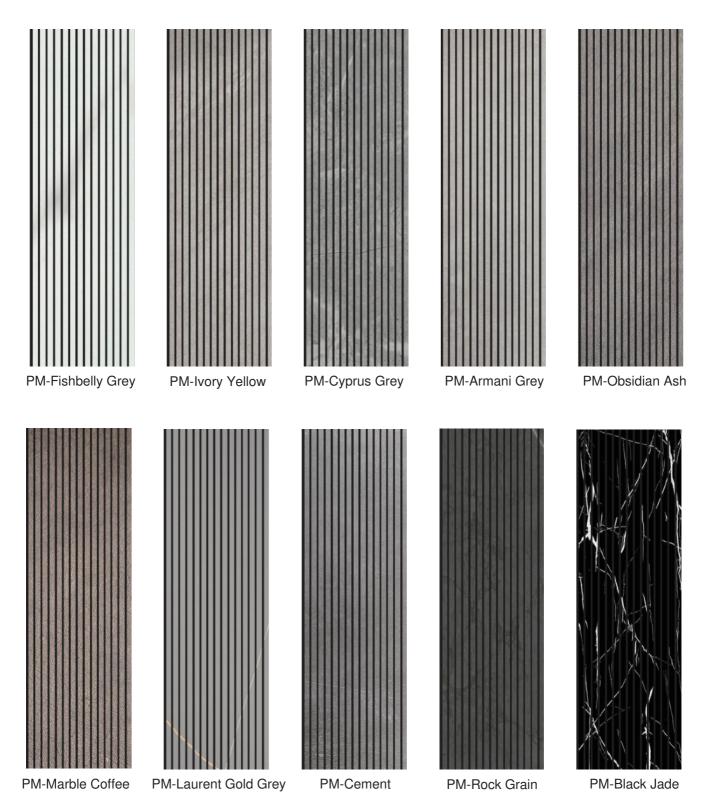




PVC FILM-MARBLE SERIES

Marble colors are much more affordable than genuine marble, making them a cost-effective alternative for those seeking the aesthetics of marble without the high price tag.

Marble Colors can give you marble-like appearance and multiple designs and tones are available: Rock Grain, Cement, Pandora, Fishbelly Grey, etc.





PVC FILM-METAL SERIES

Metal colors remain popular with both designers and consumers because it can replace actual metal to reduce cost and weight and take the advantage of the intrinsic properties of plastic substrates while maintaining a metallic appearance.

Both matte and gloss metal colors can be made: Silver, Champagne, Rosewood, Gold, etc. And metal colors are usually used in commercial areas.



PM-Silver



PM-Bronze



PM-Golden



PM-Champagne



PM-Rose Gold



PM-Mineral Grey



MALEMINE

It is same as laminate flooring color paper. It is the most cost-effective choice.

Thousands of colors can be available. It is anti-scratch, water-resistant, fire-resistant and corrosion resistant.



Malemine	Slat Edges Choice		Slat Edges Choice First Layer Cover Ch		over Choice
Standard Size 2400mm(94.49")X600mm(23.62")X21mm 2700mm(106.30")X600mm(23.62")X21mm	Square Edge	Arc Edge	45° Beveled Edge	1-Side Cover	3-Side Cover
2900mm(114.17")X600mm(23.62")X21mm	*		*	*	

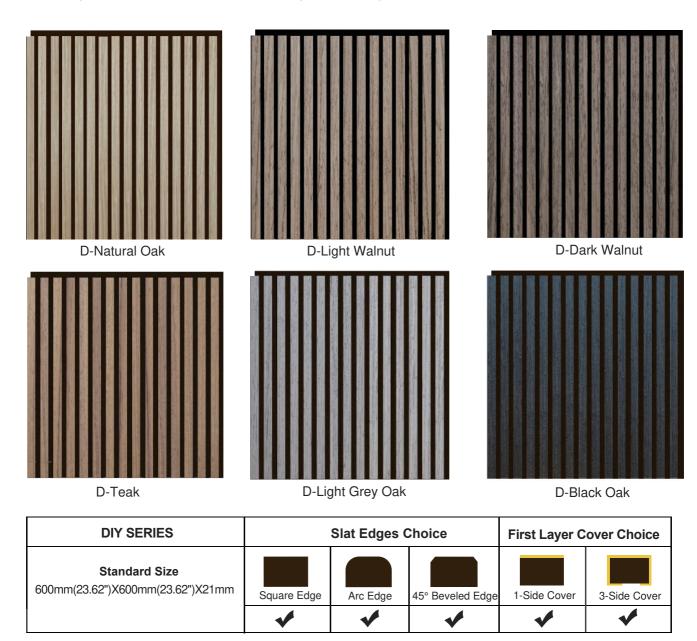


DIY SERIES

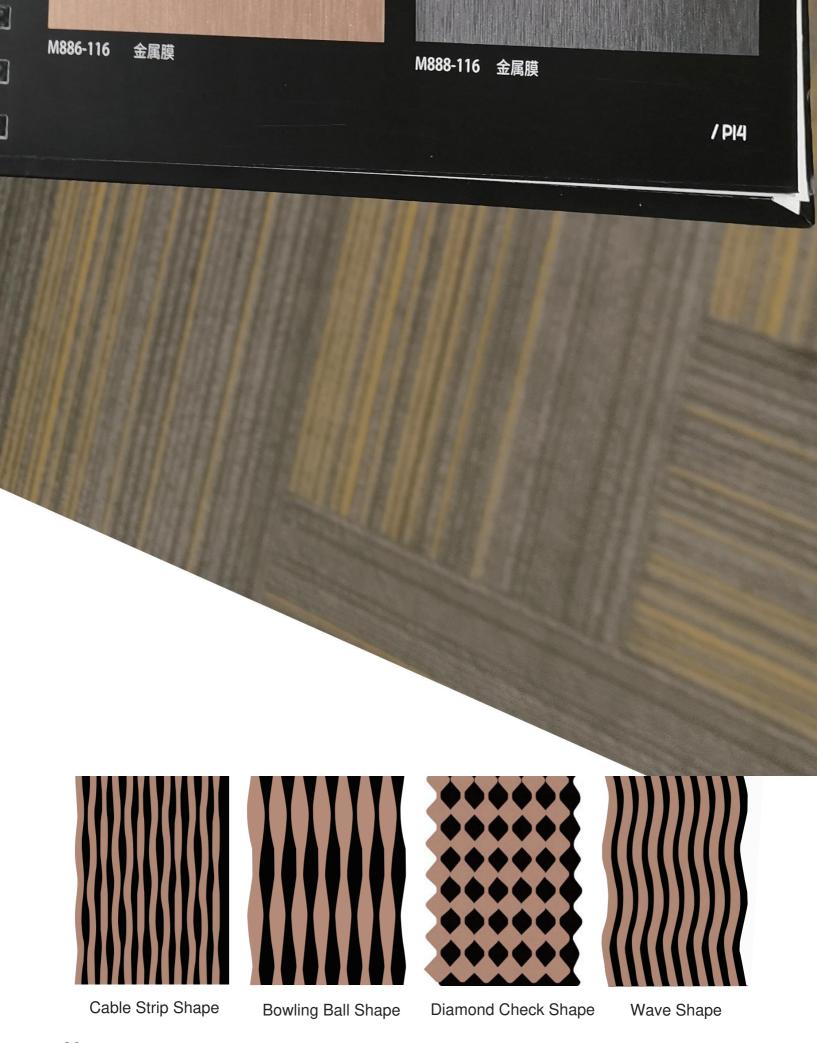
This wall panel is the perfect DIY solution to upgrade your favorite home spaces.

This is usually made with square shape. Size is 600*600mm or can be customized.

The wall panels can be installed horizontally or vertically.







NEW MATERIAL SERIES

Other core materials besides MDF can be used to make acoustic wall panel: Bamboo, PS, Solid hardwood, WPC, etc.

Each material has its distinguish features. PS material is waterproof and light-weight and colorful.

Bamboo material looks stylish and creates a unique vibe in your space and you can enjoy authentic bamboo style that is gorgeous and functional.











Bamboo Series





Small Samples & Bulk Order Package

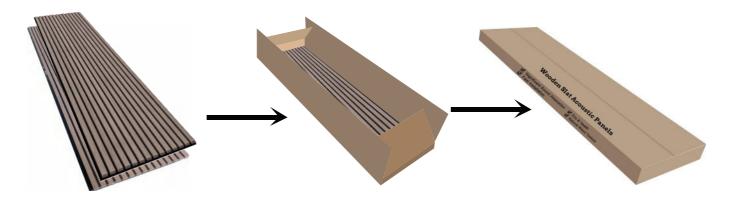
Small Samples:

- Each small sample size is 200mm*105mm*21mm.
- All small samples of the colors you ordered can be put in one box and thus this box can be given to each client directly for promotion.
- Both normal small samples boxes without logo and customized small samples boxes with logo can be used.



Bulk Order Package:

- Our carton quality is with good 5-layer material and it is very strong.
- Our carton is usually with yellow color and white color can also be made.
- Our common package is 2pcs/ctn, the quantity per ctn can also be customized, such as 1pc, 3pc or 4pc.
- Both carton without logo and customized carton with logo can be used.



PACKAGE DETAILS



Standard Package: 1 panel +1 EPE film + 1 panel + 1 EPE film + 4 edge protectors on 4 corners.



Good Package: 1 panel with shrink film + 1 panel with shrink film + 1 EPE film + 4 edge protectors on 4 corners.



Top Package: 1 panel with shrink film + 1 panel with shrink film + 1 EPE film + 4 edge protectors on 4 corners + 2 large edge protectors on 2 long sides.

--- WAREHOUSE & CONTAINER LOADING---





Warehouse





Without Pallet Package





With Pallet Package

ACCESSORIES & INSTALLATION TOOLS —







LED Strip Light

Black Screw

Mounting Glue







Timber/Click Timber Slat

Single Slat

PET







Metal U Shape Cover

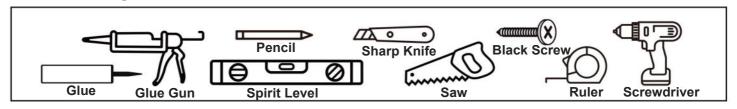
Metal L End Cap

WPC L End Cap

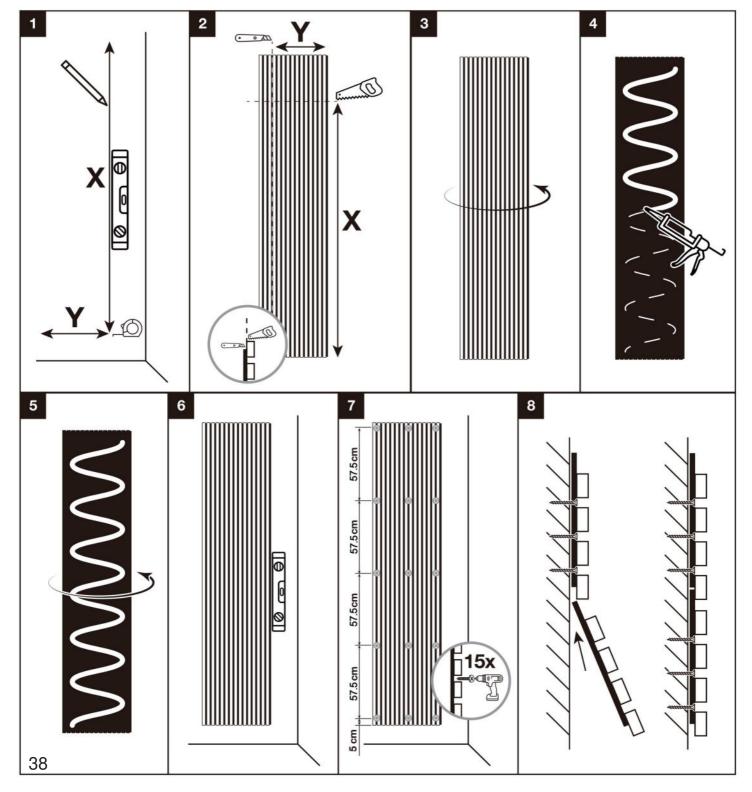


INSTALLATION METHOD

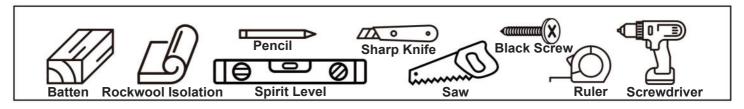
Method 1: Non-Batten Mounted Direct fixing onto flat surface



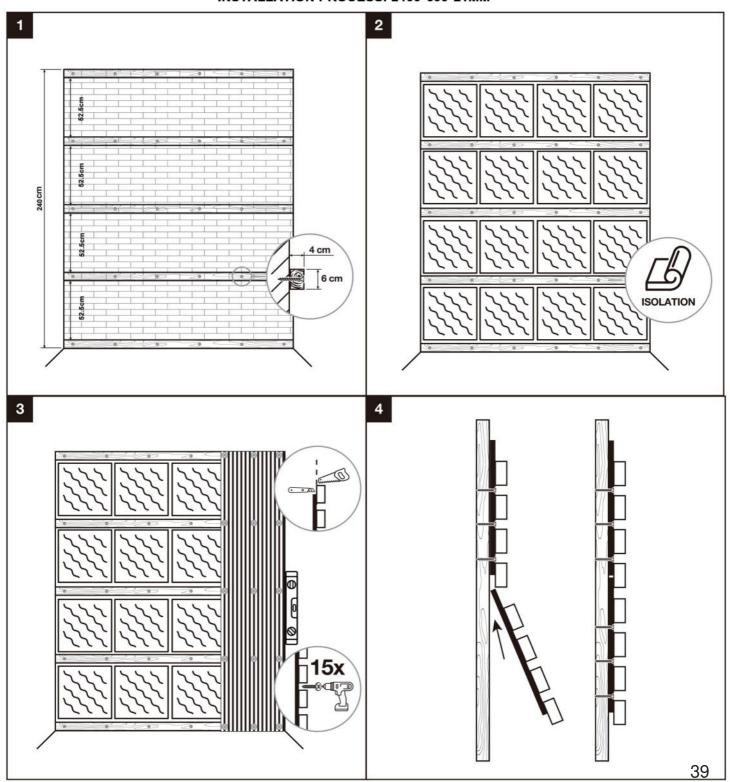
INSTALLATION PROCESS: 2400*600*21MM



Method 2: BATTEN MOUNTED Fixing to timber battens



INSTALLATION PROCESS: 2400*600*21MM





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