

Slatted Wood Acoustic Panels

Wood Slat Wall & Ceiling Panels · Polyester Fiber Felt Backing · Design Series & Accessories



Slatted Wood Acoustic Panels · Series Overview



Natural wood veneer slats laminated on an acoustic PET felt core

Feltlite slatted acoustic panels combine a real wood veneer surface with a recycled PET acoustic felt backing. The slatted grooves open up the absorbent core, turning echo and background noise into a calm, comfortable atmosphere — while giving walls and ceilings a warm, modern rhythm.

The collection covers:

- 01 Standard Slatted Panel**
MDF slats, 18 / 21mm, NRC 0.7
- 02 Lightweight Slatted Panel**
veneer-paper finish, only 2.7 - 2.95 kg/m²
- 03 Three Side Covering Panel**
veneer wraps three sides, seamless look
- 04 Design Series · 6 styles**
Gradual Straight / Curved Corrugated / Staggered Block /
Wooden Strip Surround / Hexagonal / Diamond
- 05 Art Insulation Panel**
carved PET panel, 12mm, FL-U3 series
- 06 Accessories**
aluminum strips · steel shelves · steel hooks

Sustainable by nature

PET felt made from recycled bottles · wood from
certified sustainable forests · FSC available.

- Environmentally friendly
- Good acoustic
- Grand decoration
- Thermal insulation
- Easy installation
- Energy-saving

WOOD SLAT SERIES · 01

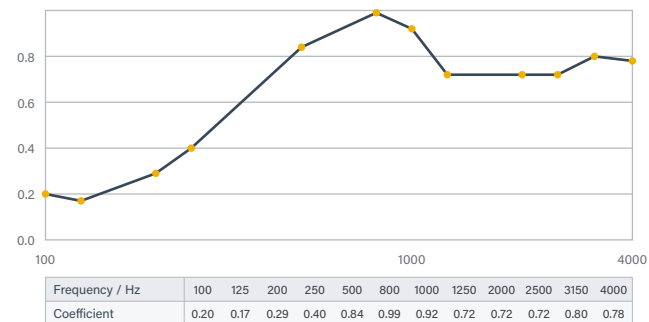


Standard Slatted Acoustic Panel

Name	Standard Slatted Acoustic Panel
Size	2400*600*18mm / 21mm 2600*600*18mm / 21mm 2800*600*18mm / 21mm or custom
Weight	18mm: About 7.8kgs/m ² 21mm: About 8.1kgs/m ²
Fireproof	Can be B1
Material	PET panel + E0/P2 grade MDF wood slat
Wood surface	Natural wood veneer / technical wood veneer / melamine
Application	Hotel lobby, corridor, room decoration, residences, conference halls, recording rooms, studios, schools, shopping malls, office space etc.

Sound absorption coefficient

NRC 0.7



Support customization · OEM / ODM

Panel Detail · Standard Series



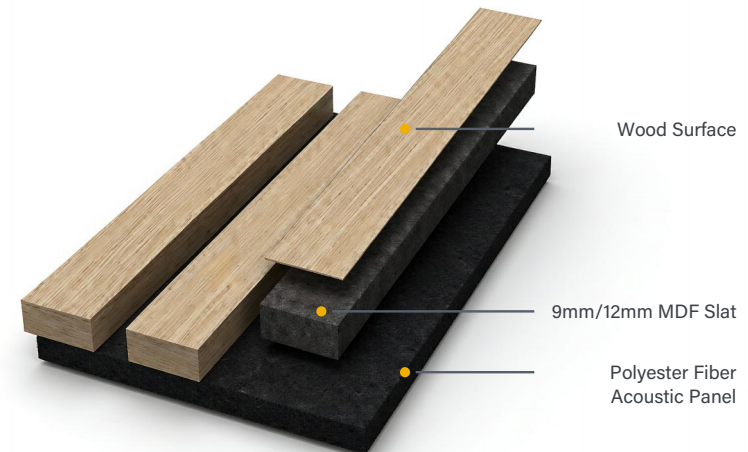
Standard slatted panel · oak veneer



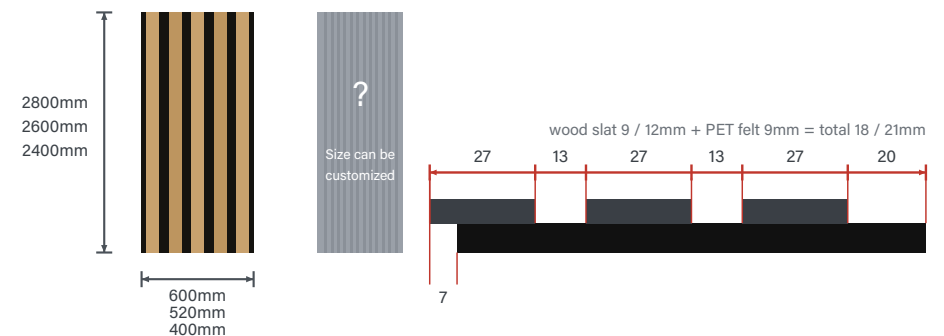
Slat closeup

Layer structure

2400 / 2600 / 2800 × 600 × 18 / 21mm



Panel sizes · size can be customized



Reverberation is a big problem in normal rooms. With Feltlite slatted acoustic panels you can create an acoustic well-being space for yourself, your family and your friends: not only a good-looking and modern space, but also a comfortable, quiet and healthy environment — this panel has 0.70 of echo absorption function.

WOOD SLAT SERIES · 02



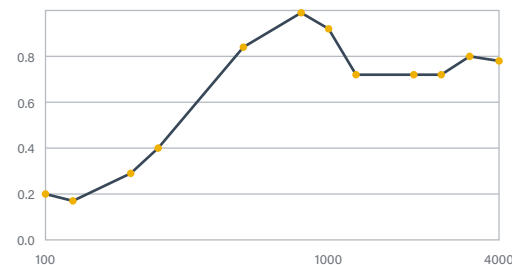
Lightweight Slatted Acoustic Panel

A new-generation slatted panel: 9mm polyester fiber board hydraulically pressed with technical wood veneer paper. Same slatted look, a fraction of the weight — ideal for ceilings and fast renovation projects.

Name	Lightweight Slatted Acoustic Panel
Size	2400*600*18mm / 21mm 2600*600*18mm / 21mm 2800*600*18mm / 21mm or custom
Weight	18mm about 2.7 kg/m ² · 21mm about 2.95 kg/m ²
Fireproof	Can be Grade B
Material	PET panel + E0 grade technical wood veneer paper
Advantage	Lightweight · scratch resistant · no yellowing no color difference · easy installation

Sound absorption coefficient

NRC 0.7



Weight vs standard MDF slat panel

Standard About 7.8kgs/m²

Lightweight 2.95 kgs/m²

-62% weight, same slatted look

Support customization · OEM / ODM

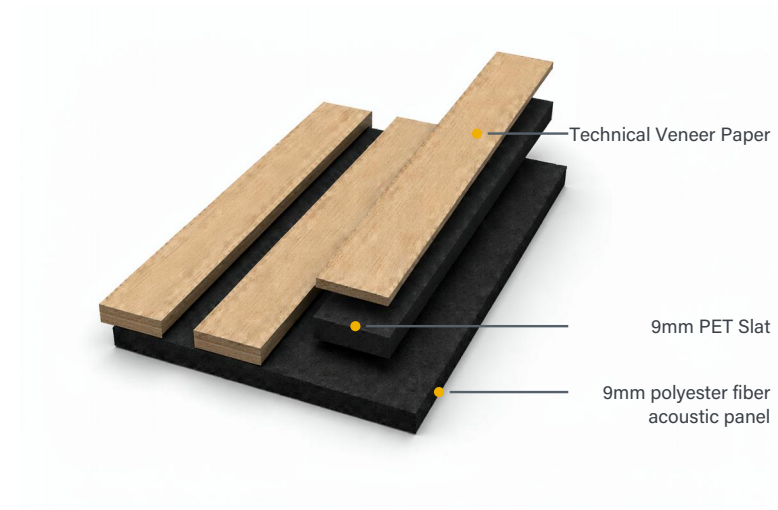
Panel Detail · Lightweight Series



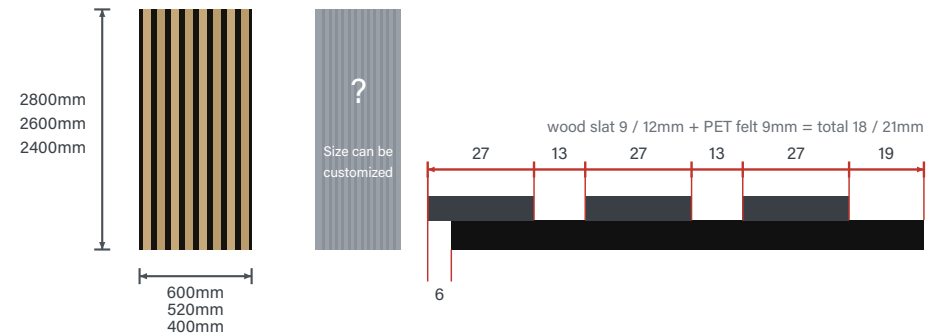
Slat closeup

Layer structure

2400 / 2600 / 2800 × 600 × 18 / 21 mm



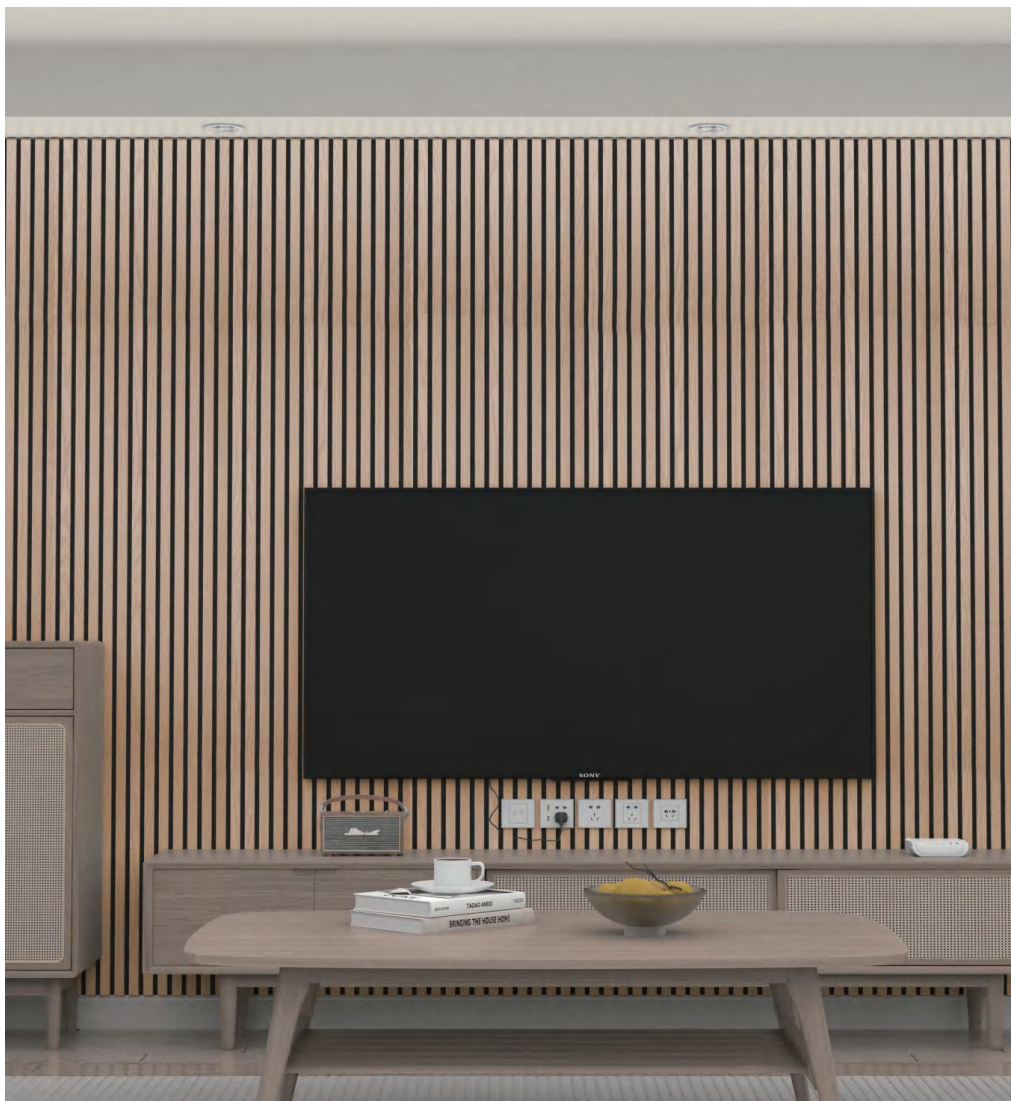
Panel sizes · size can be customized



Lightweight slatted panel · technical veneer paper

Reverberation is a big problem in normal rooms. With Feltlite slatted acoustic panels you can create an acoustic well-being space for yourself, your family and your friends: not only a good-looking and modern space, but also a comfortable, quiet and healthy environment — this panel has 0.70 of echo absorption function.

WOOD SLAT SERIES · 03



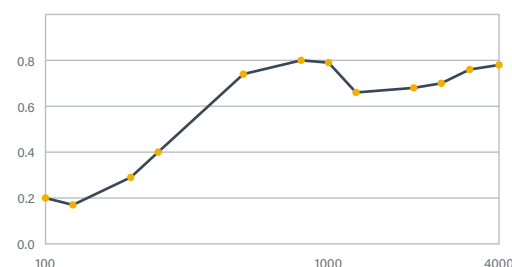
Three Side Covering Slatted Panel

The veneer wraps three sides of every slat, so no black felt lines show at the edges — a cleaner, furniture-grade finish for feature walls viewed at close range.

Name	Three Side Covering Slatted Panel
Size	2400*600*18mm / 21mm 2600*600*18mm / 21mm 2800*600*18mm / 21mm or custom
Weight	18mm: About 7.8kgs/m ² 21mm: About 8.1kgs/m ²
Fireproof	Can be Grade B1
Material	PET panel + E0/P2 grade MDF wood slat
Wood surface	Three-sided covering · natural wood veneer / technical wood veneer / melamine / PVC

Sound absorption coefficient

NRC 0.7



Why three-side covering

- No black felt lines at the edges
- Furniture-grade, seamless look
- Ideal for close-range feature walls

Support customization · OEM / ODM

Panel Detail · Three-Side Covering Series

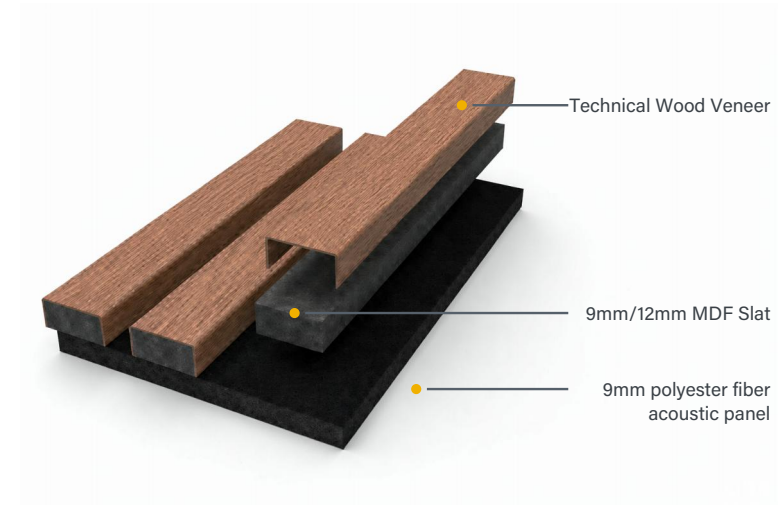


Slat closeup

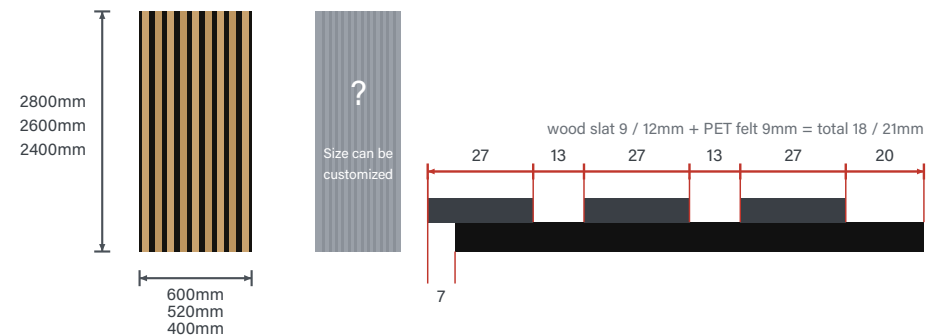
Three-side covering panel · wrapped edges, no black lines

Layer structure

2400 / 2600 / 2800 × 600 × 18 / 21 mm



Panel sizes · size can be customized



Reverberation is a big problem in normal rooms. With Feltlite slatted acoustic panels you can create an acoustic well-being space for yourself, your family and your friends: not only a good-looking and modern space, but also a comfortable, quiet and healthy environment — this panel has 0.70 of echo absorption function.

DESIGN SERIES · 01

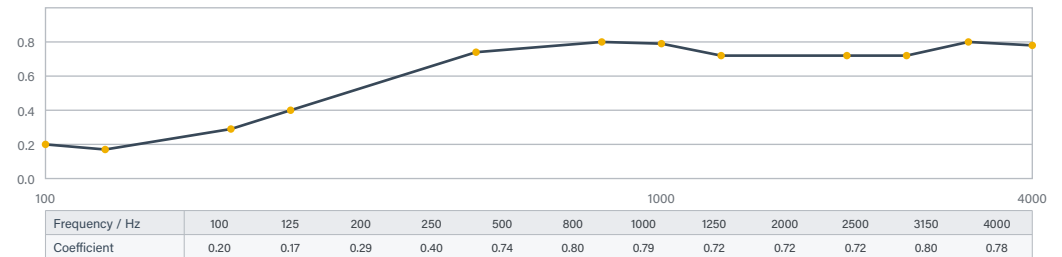


3-1 Gradual Straight Slatted Acoustic Panel

Name	3-1 Gradual Straight Slatted Acoustic Panel
Size	2400*600*18mm / 21mm 2600*600*18mm / 21mm 2800*600*18mm / 21mm or customized size
Weight	18mm: About 7.8kgs/m ² 21mm: About 8.1kgs/m ²
Fireproof	Can be B1
Material	PET panel + E0/P2 grade MDF wood slat
Wood surface	Natural wood veneer / technical wood veneer / melamine
Advantage	1. Environmentally Friendly 2. Good Decoration 3. Easy to Maintain 4. Easy Installation 5. Thermal Insulation 6. Energy-Saving
Color / Service	Refer to Wood Veneer Color Chart (page 21) · OEM / ODM
Application	Hotel lobby, corridor, room decoration, residences, conference halls, recording rooms, studios, schools, shopping malls, office space etc.

Sound absorption coefficient

NRC 0.7



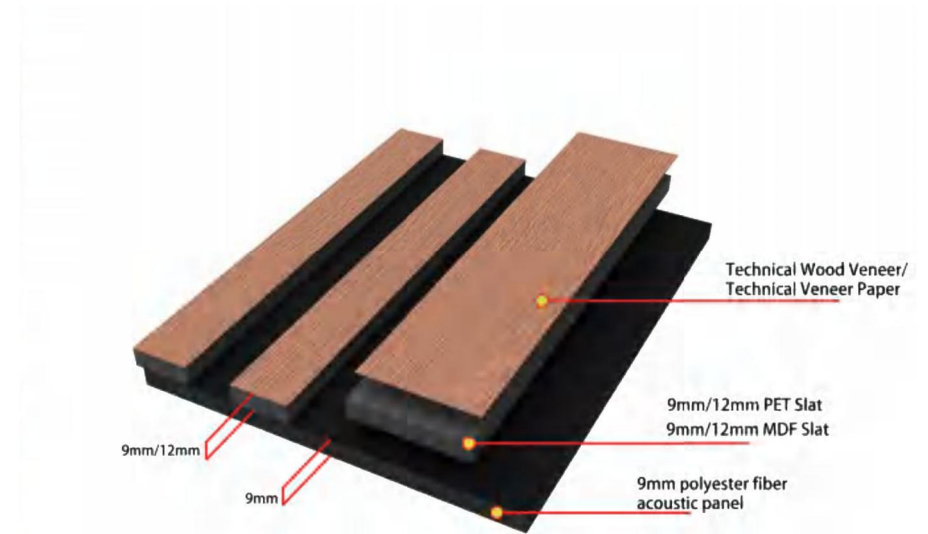
Support customization · OEM / ODM

Panel Detail · 3-1 Gradual Straight Series

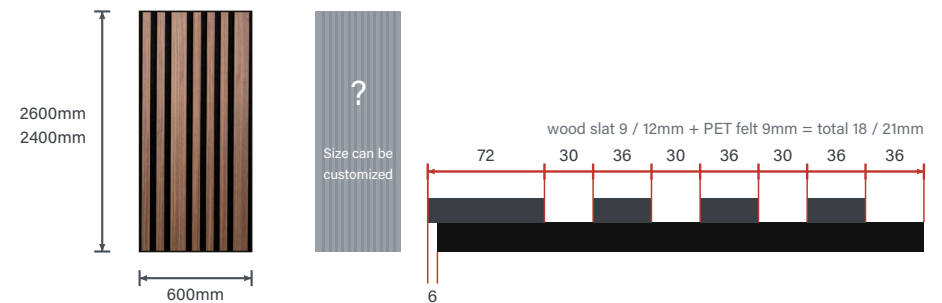


Slat closeup

Layer structure



Panel sizes · size can be customized



Gradual straight panel · walnut

The 3-1 Gradual Straight Slatted Acoustic Panel, with its unique gradient design, brings a sense of motion and depth to modern home and commercial spaces, making it an ideal choice for enhancing spatial aesthetics.

DESIGN SERIES · 02

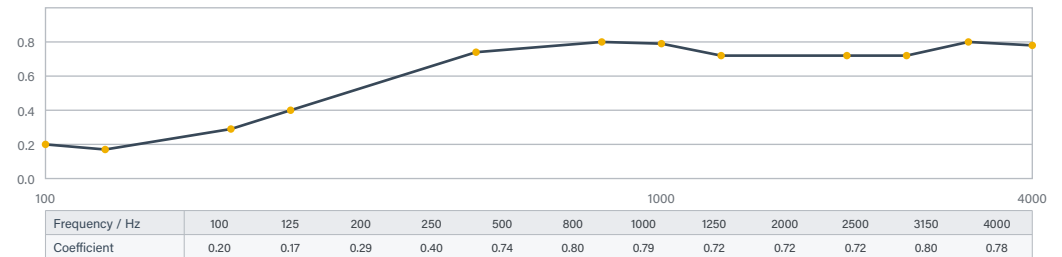


Curved Corrugated Slatted Acoustic Panel

Name	Curved Corrugated Slatted Acoustic Panel
Size	2400*600*18mm / 21mm 2600*600*18mm / 21mm 2800*600*18mm / 21mm or customized size
Weight	18mm: About 7.8kgs/m ² 21mm: About 8.1kgs/m ²
Fireproof	Can be B1
Material	PET panel + E0/P2 grade MDF wood slat
Wood surface	Natural wood veneer / technical wood veneer / melamine
Advantage	1. Environmentally Friendly 2. Good Decoration 3. Easy to Maintain 4. Easy Installation 5. Thermal Insulation 6. Energy-Saving
Color / Service	Refer to Wood Veneer Color Chart (page 21) · OEM / ODM
Application	Hotel lobby, corridor, room decoration, residences, conference halls, recording rooms, studios, schools, shopping malls, office space etc.

Sound absorption coefficient

NRC 0.7



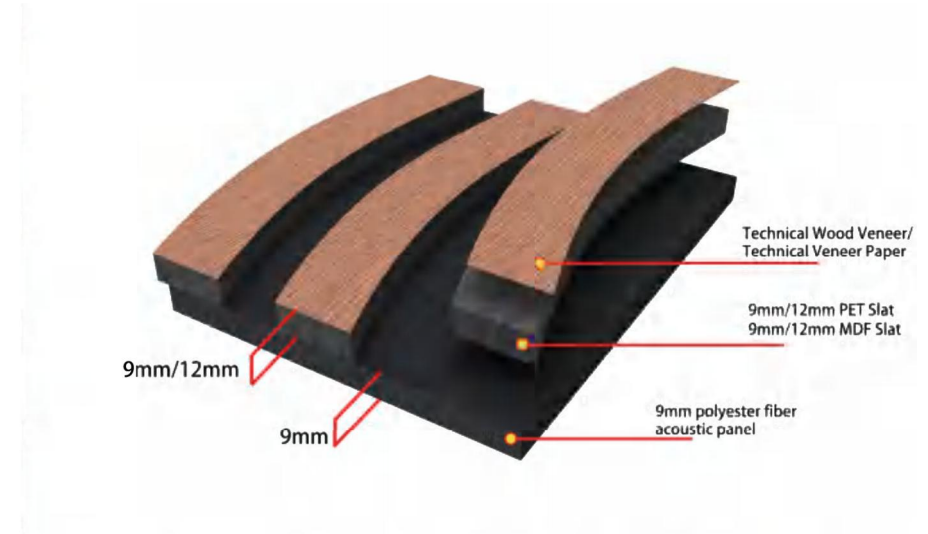
Support customization · OEM / ODM

Panel Detail · Curved Corrugated Series

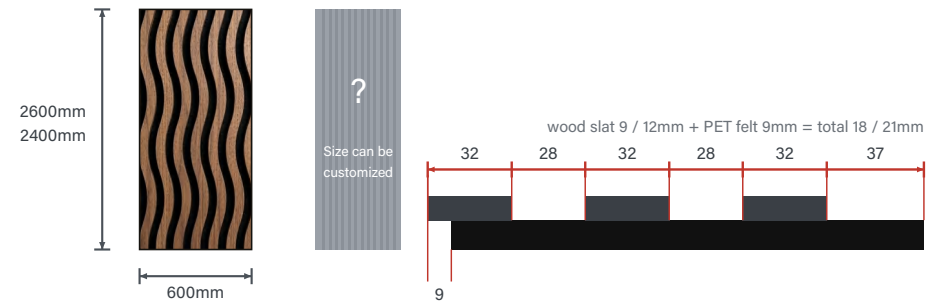


Slat closeup

Layer structure



Panel sizes · size can be customized



Curved corrugated panel · walnut

Curved Corrugated Slatted Acoustic Panels, with soft curves and three-dimensional corrugations, infuse spaces with dynamism and elegance, making them an ideal decorative material for enhancing modern design aesthetics.

DESIGN SERIES · 03

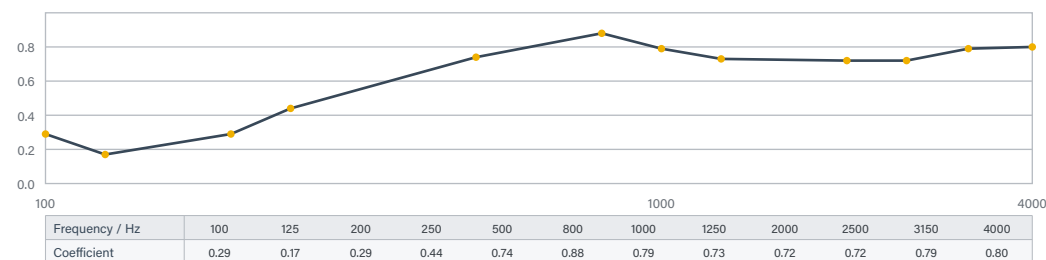


Staggered Block-shaped Acoustic Panel

Name	Staggered Block-shaped Acoustic Panel
Size	600*600*18mm or customized size
Weight	about 3.71 kg/pc (9mm MDF) about 1.35 kg/pc (9mm PET)
Fireproof	MDF: Grade B1 · PET: Grade B
Material	PET panel + E0/P2 MDF + wood finish / PET panel + E0 technical veneer paper
Wood surface	Natural wood veneer / technical wood veneer / technical veneer paper
Advantage	1. Environmentally Friendly 2. Lightweight 3. Scratch Resistant 4. No Yellowing 5. No Color Difference 6. Thermal Insulation 7. Energy-Saving 8. Good Decoration 9. Easy Installation
Color / Service	Refer to Wood Veneer Color Chart (page 21) · OEM / ODM
Application	Hotel lobby, corridor, room decoration, residences, conference halls, recording rooms, studios, schools, shopping malls, office space etc.

Sound absorption coefficient

NRC 0.7



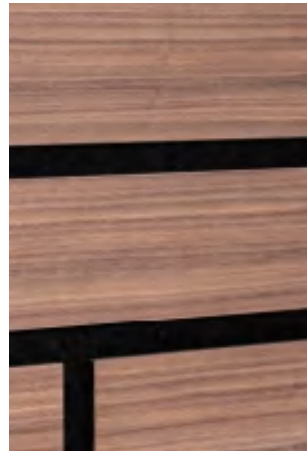
Support customization · OEM / ODM

Panel Detail · Staggered Block Series



Staggered block panel · walnut

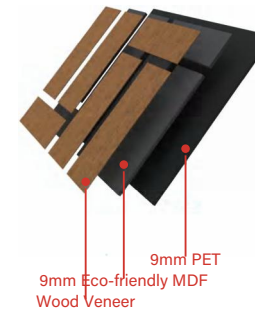
Staggered Block-shaped Acoustic Panels arrange walnut blocks of staggered widths on a black felt backing — a calm, woven masonry look for feature walls. Available on 9mm MDF or ultra-light 9mm PET.



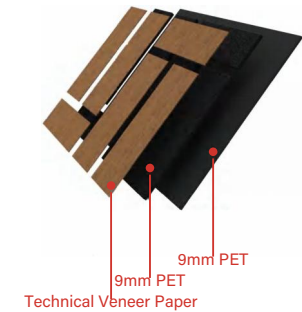
Slat closeup

Layer structure

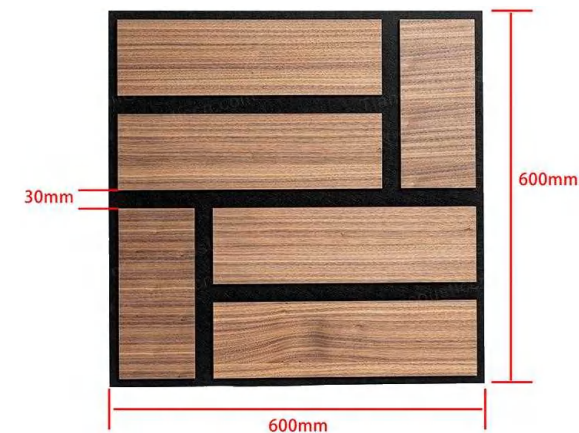
Layer structure · MDF slat



Layer structure · PET slat



Panel dimensions (mm) · size can be customized



Construction

- Face: 9mm MDF (B1) or 9mm PET (B) block layer
- Backing: 9mm PET acoustic felt, black
- Total thickness 18mm
- Module 600*600mm — custom sizes on request

DESIGN SERIES · 04

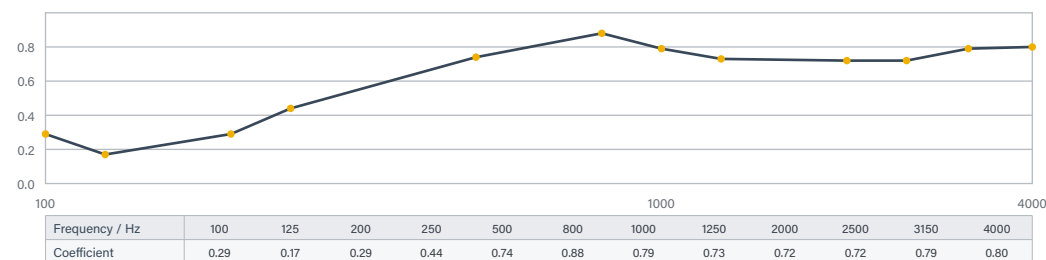


Wooden Strip Surround Acoustic Panel

Name	Wooden Strip Surround Acoustic Panel
Size	600*600*18mm or customized size
Weight	about 3.06 kg/pc (9mm MDF) about 1.04 kg/pc (9mm PET)
Fireproof	MDF: Grade B1 · PET: Grade B
Material	PET panel + E0/P2 MDF + wood finish / PET panel + E0 technical veneer paper
Wood surface	Natural wood veneer / technical wood veneer / technical veneer paper
Advantage	1. Environmentally Friendly 2. Lightweight 3. Scratch Resistant 4. No Yellowing 5. No Color Difference 6. Thermal Insulation 7. Energy-Saving 8. Good Decoration 9. Easy Installation
Color / Service	Refer to Wood Veneer Color Chart (page 21) · OEM / ODM
Application	Hotel lobby, corridor, room decoration, residences, conference halls, recording rooms, studios, schools, shopping malls, office space etc.

Sound absorption coefficient

NRC 0.7



Support customization · OEM / ODM

Panel Detail · Wooden Strip Surround Series



Wooden strip surround panel · walnut

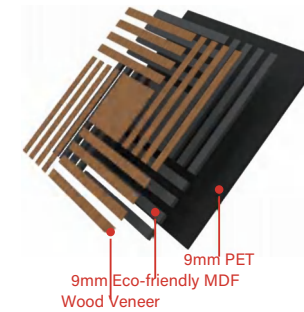
Wooden Strip Surround Acoustic Panels frame slim walnut strips around a solid wood centre — a bespoke, framed detail that adds rhythm to feature walls, on 9mm MDF or ultra-light 9mm PET.



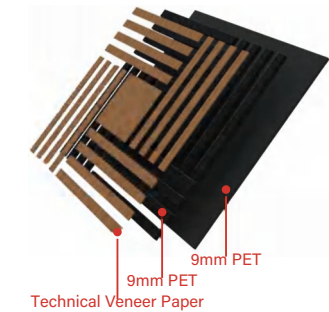
Slat closeup

Layer structure

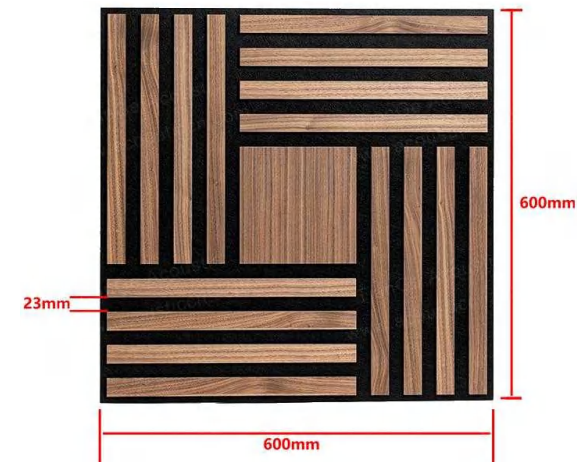
Layer structure · MDF slat



Layer structure · PET slat



Panel dimensions (mm) · size can be customized



Construction

- Face: 9mm MDF (B1) or 9mm PET (B) strip layer
- Backing: 9mm PET acoustic felt, black
- Total thickness 18mm
- Module 600*600mm — custom sizes on request

DESIGN SERIES · 05

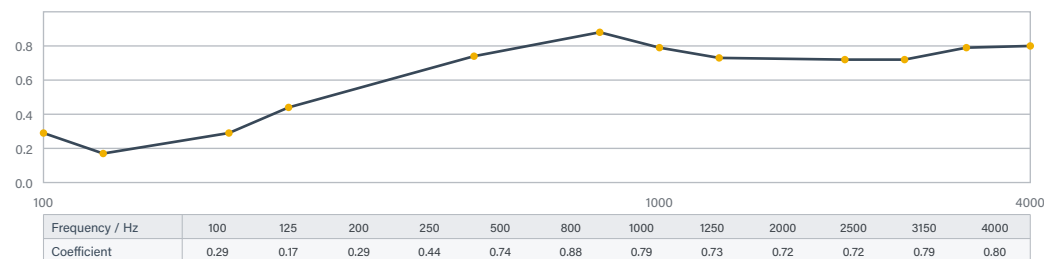


Hexagonal Decorative Acoustic Panel

Name	Hexagonal Decorative Acoustic Panel
Size	650*793*18mm or customized size
Weight	about 3.71 kg/pc (9mm MDF) about 1.33 kg/pc (9mm PET)
Fireproof	MDF: Grade B1 · PET: Grade B
Material	PET panel + E0/P2 MDF + wood finish / PET panel + E0 technical veneer paper
Wood surface	Natural wood veneer / technical wood veneer / melamine / PVC
Advantage	1. Environmentally Friendly 2. Lightweight 3. Scratch Resistant 4. No Yellowing 5. No Color Difference 6. Thermal Insulation 7. Energy-Saving 8. Good Decoration 9. Easy Installation
Color / Service	Refer to Wood Veneer Color Chart (page 21) · OEM / ODM
Application	Hotel lobby, corridor, room decoration, residences, conference halls, recording rooms, studios, schools, shopping malls, office space etc.

Sound absorption coefficient

NRC 0.7



Support customization · OEM / ODM

Panel Detail · Hexagonal Decorative Series



Hexagonal decorative panel · natural & smoked oak

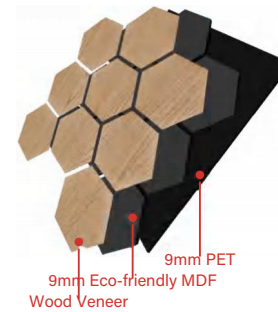
Hexagonal Decorative Acoustic Panels build a playful honeycomb wall in natural and smoked oak tones. Mix the two facing directions to add depth, or cover a full wall for a strong graphic look.



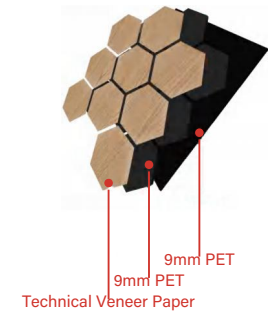
Slat closeup

Layer structure

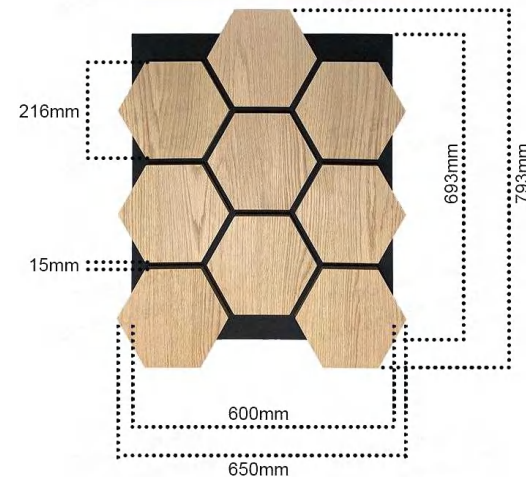
Layer structure · MDF slat



Layer structure · PET slat



Panel dimensions (mm) · size can be customized



Construction

- Face: 9mm MDF (B1) or 9mm PET (B) hexagon layer
- Backing: 9mm PET acoustic felt, black
- Total thickness 18mm
- Mix facing directions for a 3D honeycomb wall

DESIGN SERIES · 06

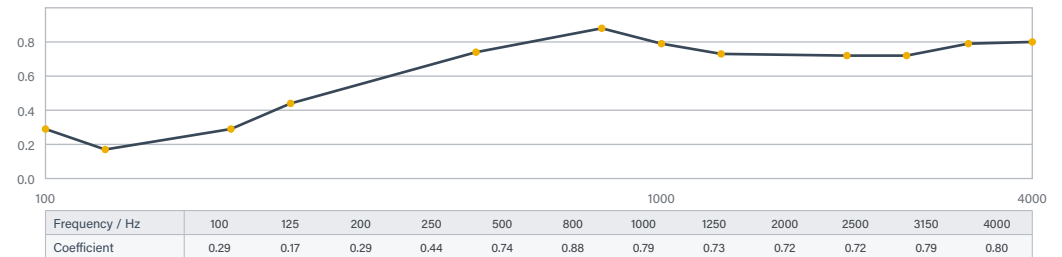


Diamond Decorative Acoustic Panel

Name	Diamond Decorative Acoustic Panel
Size	650*793*18mm or customized size
Weight	about 3.71 kg/pc (9mm MDF) about 1.33 kg/pc (9mm PET)
Fireproof	MDF: Grade B1 · PET: Grade B
Material	PET panel + E0/P2 MDF + wood finish / PET panel + E0 technical veneer paper
Wood surface	Natural wood veneer / technical wood veneer / melamine / PVC
Advantage	1. Environmentally Friendly 2. Lightweight 3. Scratch Resistant 4. No Yellowing 5. No Color Difference 6. Thermal Insulation 7. Energy-Saving 8. Good Decoration 9. Easy Installation
Color / Service	Refer to Wood Veneer Color Chart (page 21) · OEM / ODM
Application	Hotel lobby, corridor, room decoration, residences, conference halls, recording rooms, studios, schools, shopping malls, office space etc.

Sound absorption coefficient

NRC 0.7



Support customization · OEM / ODM

Panel Detail · Diamond Decorative Series

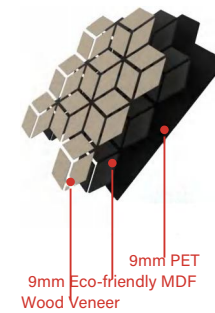


Diamond decorative panel · natural oak & walnut

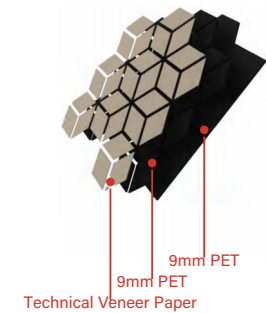
Diamond Decorative Acoustic Panels use angled diamond facets that catch light and shadow across the wall. Combine natural oak and walnut diamonds for a three-dimensional mosaic effect.

Layer structure

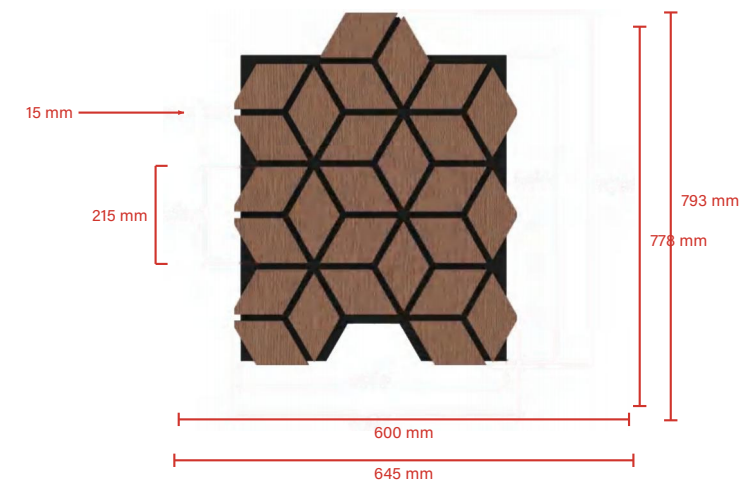
Layer structure · MDF slat



Layer structure · PET slat



Panel dimensions (mm) · size can be customized



Construction

- Face: 9mm MDF (B1) or 9mm PET (B) diamond layer
- Backing: 9mm PET acoustic felt, black
- Total thickness 18mm
- Mix oak & walnut diamonds for mosaic effect

Wood Veneer Color Chart

Slatted panel finishes · custom colors on request

Technical Wood Veneer

applies to Standard & Design series



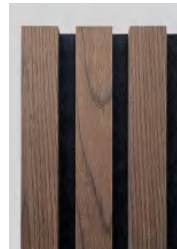
FLT-9108
White Oak



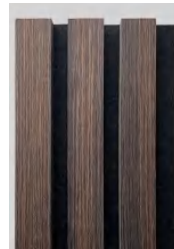
FLT-9109
Black Oak



FLT-9110
Walnut Oak



FLT-9111
Black Walnut



FLT-9112
Smoked Oak

Technical Veneer Paper

applies to Lightweight series



FLT-1208
White Oak



FLT-1209
Yellow Oak



FLT-1210
Black Oak



FLT-1211
Black Walnut

Natural Wood Veneer

applies to Standard & Design series



FLN-1108
Natural White Oak



FLN-1109
Natural Black Oak



FLN-1110
Natural Black Walnut



FLN-1111
Natural Smoked Oak

Three Sides Veneer (Technical)

applies to Three Side Covering series



FLT-8108
White Oak



FLT-8109
Black Oak



FLT-8110
Black Walnut



FLT-8111
Smoked Oak

Colors may vary slightly between veneer batches · actual sample recommended before bulk order

Art Lightweight Thermal Insulation Panel · FL-U3 Series



Carved PET acoustic panel — art wall in one piece, no visible joints

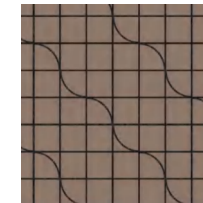
A 12mm carved PET panel that insulates thermally and acoustically. Whole plates can be split vertically into 1:1 or 1:2 rectangles, or supplied pre-cut, to compose feature walls of any rhythm.

Material: 12mm polyester fiber, carved through
 Sizes: 600*600*12mm / 600*1200*12mm / 600*2400*12mm or custom size
 Fire: Can be Grade B
 Finish: Technical veneer paper, more styles on request

Carved patterns · FL-U3 series



FL-U3-1-54
600*600*12mm



FL-U3-1-48
600*600*12mm



FL-U3-2-1
600*1200*12mm



FL-U3-3-2
300/600*2400*12mm

Key features

- Thermal insulation
- Sound absorbing
- Lightweight panels
- Moisture-resistant
- Eco-friendly PET
- Easy installation

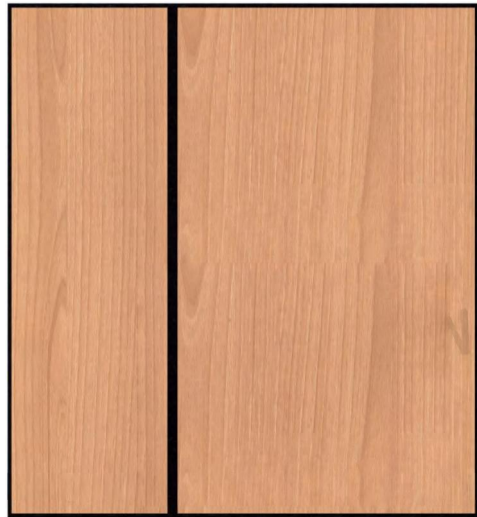
Compose your wall

- 01 Choose a carved pattern and plate size
- 02 Split plates 1:1 or 1:2 — or order pre-cut
- 03 Butt-joint panels into a continuous mural

More patterns and custom carving on request

Art Panel · Base Styles & Build-up

Whole-plate fabrication, 1:1 / 1:2 splitting and wall composition · FL-U3 series



Whole plate 600*600*12mm — 13mm reveal, shown split 1:2

Plate finishes



FLTP-1208 White Oak FLTP-1209 Yellow Oak FLTP-1210 Black Oak FLTP-1211 Black Walnut FLTV-2505 Smoked Oak

Base styles

FL-U3-1-1 · split 1:1

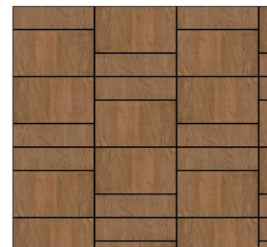
Split the whole plate in vertical centers to form two 1:1 rectangles.



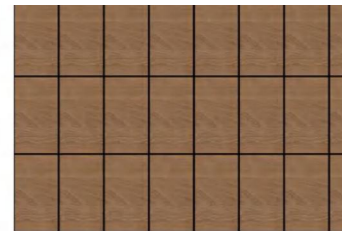
600*600*12mm / 600*1200*12mm / 600*2400*12mm or custom size

FL-U3-1-2 · split 1:2

Divide the whole plate in vertical thirds so that the ratio of the two rectangles is 1:2.



600*600*12mm / 600*1200*12mm / 600*2400*12mm or custom size

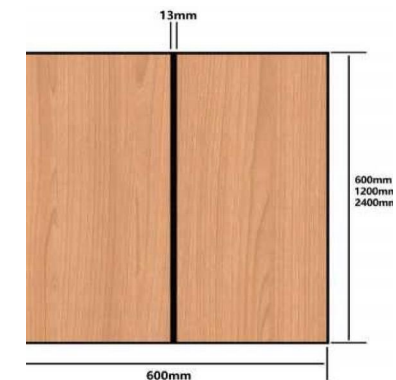


Layer structure



Technical veneer paper 0.5mm + PET panel

Panel dimensions (mm)



Width 600 · reveal 13 · length 600 / 1200 / 2400

Finishes apply to all FL-U3 carved patterns · custom colors on request

Art Panel · More Carved Styles

Pre-designed carved PET panels — combine patterns and sizes into one continuous mural



FL-U3-1-46
600*600*12mm



FL-U3-1-48
600*600*12mm



FL-U3-1-51
600*600*12mm



FL-U3-5-1
600*600*12mm



FL-U3-1-34
600*600*12mm



FL-U3-1-54
600*600*12mm



FL-U3-3-2
300/600*2400*12mm

All patterns can be split 1:1 or 1:2, or custom-carved to your drawing · support customization

Support customization · OEM / ODM

ACCESSORIES • A1



U-shaped Aluminum Alloy Decorative Strip

Name	U-shaped Aluminum Alloy Decorative Strip
Material	Space aluminum, oxidized surface
Finish	Mirror & frosted double process
Use	Clips into slat grooves; edge trim and decorative inlay for slat walls

Why aluminum

- Durable, safe and environmentally friendly
- Close fit, moisture-proof and mildew-proof
- Easy to clean — no fingerprints
- Wear-resistant and anti-scratch design
- No color change in 50 years

A modern design element that adds a sleek, structural appeal to interiors, offering durability and a stylish aluminum finish for a variety of applications — the perfect companion to Feltlite slatted acoustic panels.

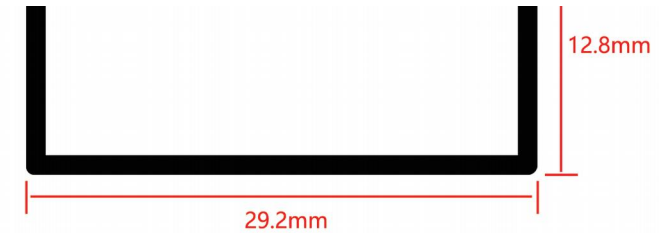
Accessory Detail · U-shaped Aluminum Alloy Decorative Strip



U-channel profiles · multiple metallic finishes

A modern design element that adds a sleek, structural appeal to interiors, offering durability and a stylish aluminum finish for a variety of applications — the perfect companion to Feltlite slatted acoustic panels.

Profile system

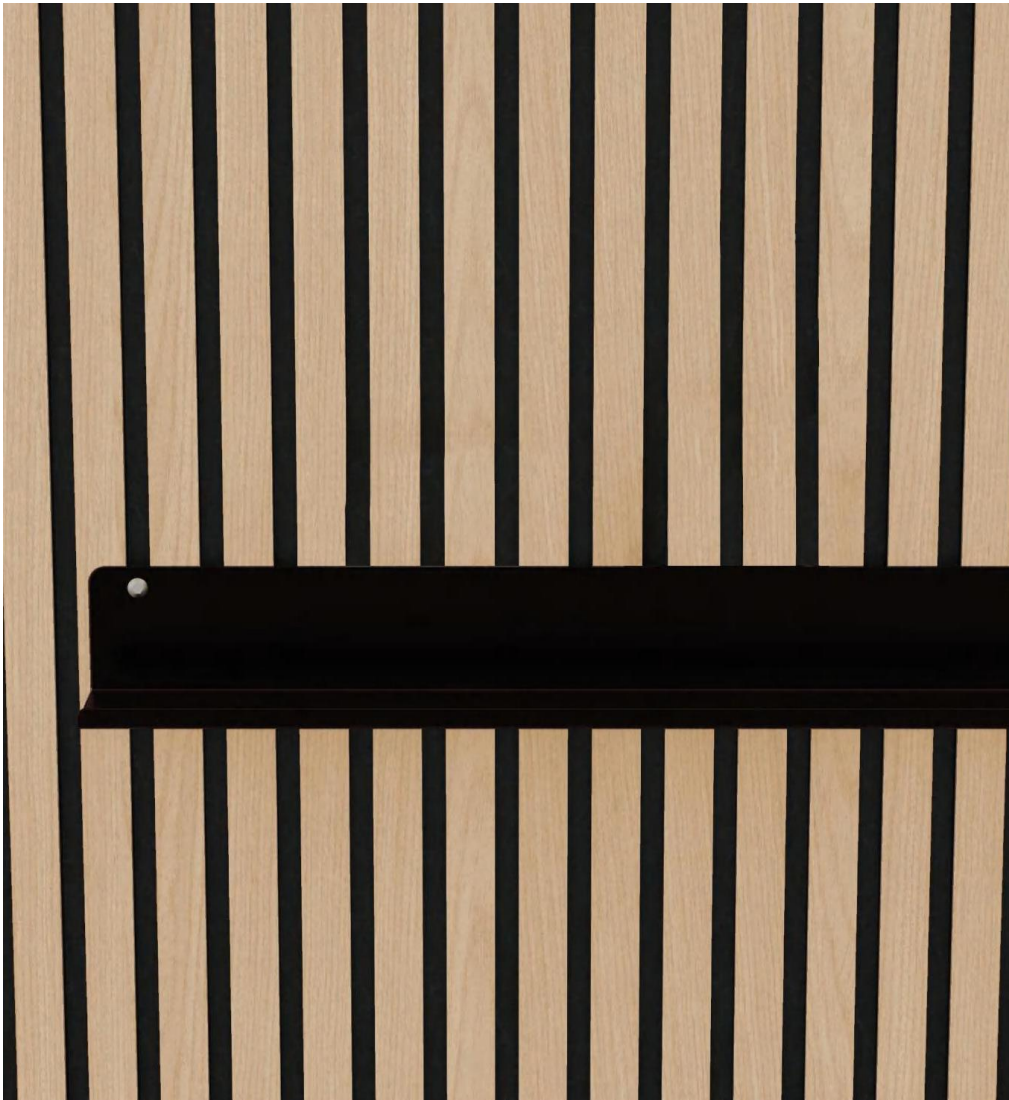


U-channel profile system

Why aluminum

- Durable, safe and environmentally friendly
- Close fit, moisture-proof and mildew-proof
- Easy to clean — no fingerprints
- Wear-resistant and anti-scratch design
- No color change in 50 years

ACCESSORIES • A2



Carbon Steel Decorative Shelf

Name	Carbon Steel Decorative Shelf
Material	Forged carbon steel, matte black
Load-bearing	Up to 50 pounds (about 23 kg)
Use	Fits lightweight slat panels and slatted panels with spaced gaps

Key points

- Low density, high hardness, rich design aesthetics
- Easy to install — super strong load-bearing
- Clean matte finish suits every wood tone

Synthesized by forging carbon steel material — easy to install and at the same time super strong, load-bearing 50 pounds. Suitable for lightweight strip acoustic panels and other products with spaced gaps.

Accessory Detail · Carbon Steel Decorative Shelf



Matte black U-shaped shelf · 3D render

Synthesized by forging carbon steel material — easy to install and at the same time super strong, load-bearing 50 pounds. Suitable for lightweight strip acoustic panels, strip acoustic panels and other products with spaced gaps.

In use



Mounted between slats

Key points

- Low density, high hardness, rich design aesthetics
- Easy to install — super strong load-bearing
- Clean matte finish suits every wood tone

ACCESSORIES · A3



U-shaped Carbon Steel Hook

Accessory Name	U-shaped Carbon Steel Hook
Product length	20cm or customized size
Product width	58mm
Material	Carbon Steel
Color	Black

Key points

- Synthesized by forging carbon steel
- Low density, high hardness
- Strong load-bearing: 50 pounds
- For lightweight slat panels with gaps

Synthesized by forging carbon steel material — easy to install and at the same time super strong, load-bearing 50 pounds. Suitable for lightweight strip acoustic panels and other products with spaced gaps.

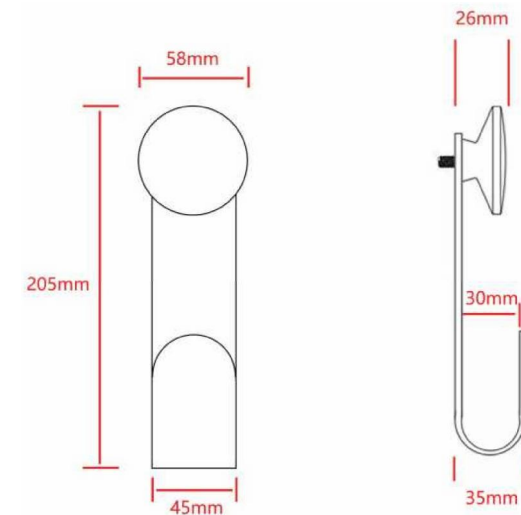
Accessory Detail · U-shaped Carbon Steel Hook



Hook on slat wall · close-up

Synthesized by forging carbon steel material — easy to install and at the same time super strong, load-bearing 50 pounds. Suitable for lightweight strip acoustic panels, strip acoustic panels and other products with spaced gaps.

Wall-mount display



Wall-mount display hook · dimensions in mm

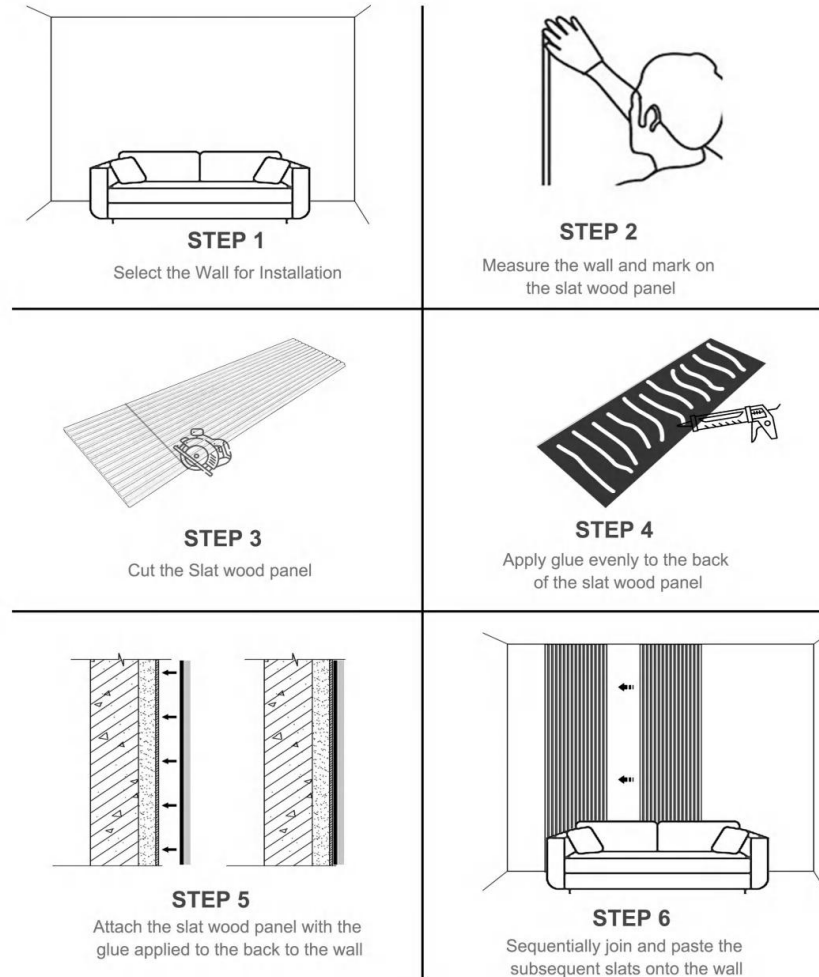
Key points

- Synthesized by forging carbon steel
- Low density, high hardness
- Strong load-bearing: 50 pounds
- For lightweight slat panels with gaps

Slatted Acoustic Panel Installation

Two standard methods — choose glue for a flush finish or screws for removable panels

1. Direct Glue Method:



2. Mechanical Fastening Method:

