

Acoustic Components Supply & Installation

Precision Solutions for Superior Sound Control – Indoors & Outdoors

At **3D Design and Construction**, we offer end-to-end **supply and installation** of premium **acoustic components** for both interior and exterior environments. Whether you're looking to improve speech clarity in a boardroom or reduce noise pollution in an outdoor space, our team delivers tailored solutions that combine **acoustic performance** with **architectural excellence**.

What We Supply & Install

Interior Acoustic Solutions

Expertly sourced and professionally installed components to enhance sound quality and reduce noise indoors:

- **Acoustic Wall Panels & Baffles**
High-performance materials that absorb mid-to-high frequency sounds—ideal for offices, studios, classrooms, and residences.
- **Ceiling Clouds & Acoustic Tiles**
Suspended or surface-mounted options that reduce echo and reverberation in open spaces like conference halls and restaurants.
- **Soundproof Doors & Acoustic Windows**
Engineered systems that isolate noise between rooms in hotels, healthcare facilities, meeting rooms, and more.
- **Acoustic Flooring Systems**
Specialized underlays and floating floor solutions that reduce impact noise in multi-storey buildings.
- **Fabric-Wrapped Panels & Decorative Finishes**
Customizable acoustic products that deliver both sound absorption and visual appeal.

Exterior Acoustic Solutions

Durable, weather-resistant components designed for outdoor or semi-exposed environments:

- **Acoustic Barriers & Sound Walls**
Effective at blocking traffic, industrial, and construction noise in outdoor areas.
- **Equipment Enclosures & Acoustic Screens**
Soundproofing solutions for HVAC systems, generators, pumps, and other mechanical equipment.
- **Vibration-Isolated Mounting Systems**
Designed to reduce structure-borne vibration and noise transmission from external sources.

Why Choose Us for Supply & Installation?

- **Trusted Acoustic Brands:** We source high-quality, performance-tested products from industry-leading manufacturers.
- **Certified Installers:** Our technicians are trained in proper handling and installation for all acoustic systems.
- **Design & Integration Support:** We collaborate with architects, interior designers, and contractors to ensure seamless integration into your space.
- **Performance Assurance:** On-site tuning and post-installation testing to ensure optimal acoustic results.
- **Aesthetic Sensitivity:** We match technical solutions with your visual and architectural vision.

Applications We Serve

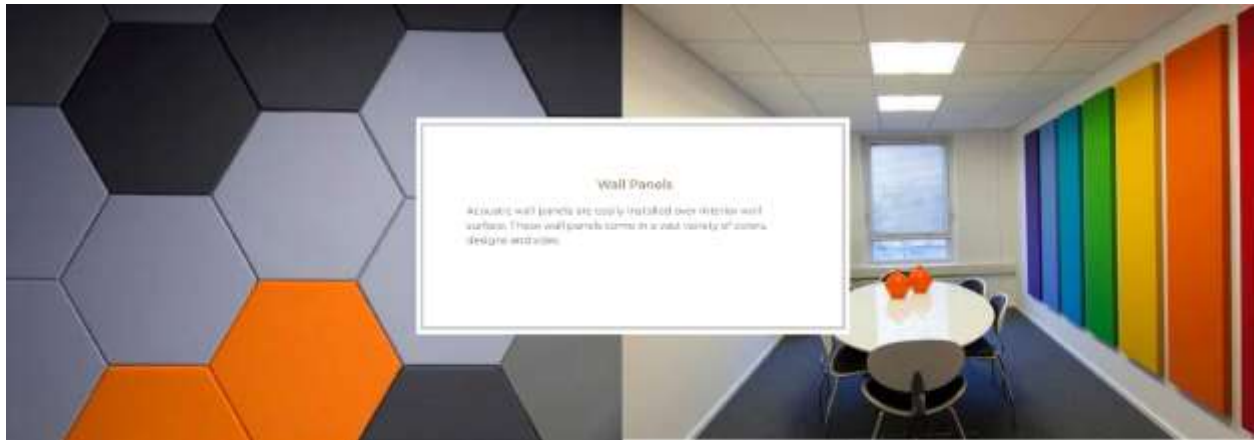
- Corporate Offices & Boardrooms
- Educational Institutions
- Residential Buildings & Villas
- Hotels, Restaurants & Hospitality Spaces
- Recording Studios & Performance Venues
- Outdoor Public Areas & Infrastructure Sites

Results You Can Hear

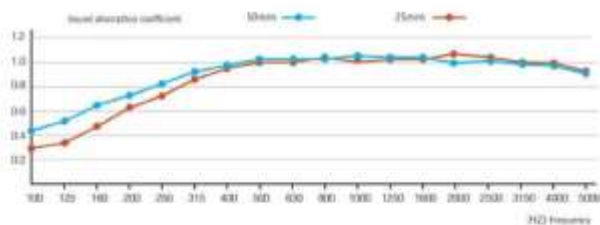
We don't just deliver products, we provide complete acoustic environments that improve **privacy, comfort, productivity, and sound quality**. Our supply and installation services ensure each component performs at its best, contributing to the long-term success of your space.

Looking for complete acoustic solutions?

Contact **3D Design and Construction** today for expert consultation, supply, and installation of interior and exterior acoustic components.



FABRIC ACOUSTIC PANEL FA SERIES



250mm

Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00	1.00	1.00	1.00

100mm

Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00	1.00	1.00	1.00	1.00	1.00

PRODUCT INTRODUCTION

Fabric acoustic panel is made of resin frame, aluminum frame and wood frame, filled with high density non-flammable micro perforated fiberglass acoustic board, covering fire-resistant fabric. It is eco-friendly, good decoration, fire-resistant, no-dusty, easy to install. The fabric acoustic panel is good materials and high sound absorption performance in middle and high frequency.

FEATURES

1. High performance in sound absorption in middle and high frequency, fire-resistant, no-dusty, good decoration, easy to install.
2. Various color for optional, customized color is acceptable, fabric and frame can change as per customer's request.

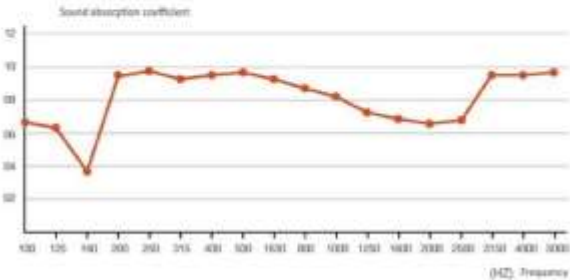
APPLICATION

Multi-function: hall, opera house, conference room, theater, auditorium, hotel, television, concert hall, piano room, gymnasium, villa or home life in the strict requirements of acoustics.

1. SPECIFICATIONS

Name	Fabric Acoustic Panel
Structure	Base Materials, Resin frame
Base materials	90kg/m ³ Micro-perforated Fiberglass Acoustic Board Or Other Density
Finish	Cloth / Leather
Border	Resin Border / Aluminum Border / Wood Border
Model	FA25 / FA50
Edge	Square / Bevel / Round
Common size	W 600*1200mm*1600/1200/2400mm*H 25/50mm and other design.
Fire-resistant	Fire-resistant Panels Can Reach Class A Under ASTM-E84 Standard, Class 1 Under BS476 Part 7 Standard.

WOOD WOOL ACOUSTIC PANEL WA SERIES



/PRODUCT INTRODUCTION

Wood acoustic panel is made of quality pine seed fir logs, dried by air no less than three months to wood fiber, integrated with unique inorganic concrete bond, ranked out under high temperature and pressure finally. It has perfect acoustic performance as well as thermal reflectivity, no matter with painting or just original color, the final decorative effect is especially outstanding. This product could be used for all indoor decoration and most of outdoor decoration. Wuyang wood wool acoustic panel has very unique characters and effects compared to other acoustical material, besides meeting your requirement in sound absorption and sound insulation.

Wood wool acoustic panel has unique and elegant texture which could fully embody designer's idea and creativity. It combines the advantages of both wood and concrete together: as light as wood, as firm as concrete, and has lots of characters such as sound absorption, fireproof, impact resistant, mildewproof and moistureproof, can be widely used in gym, theater, cinema, meeting room, church, factory, school, library, auditorium etc.

/FEATURES

Wood wool acoustic panel is made of natural wood fiber, integrated with unique inorganic concrete bond, ranked out under high temperature and pressure finally. It has perfect physical characters which can only get from combination of different building materials and unique appearance, excellent sound absorption character. The special appearance feature gives you a natural feeling which meet the idea that back to nature.

/SPECIFICATIONS

Name	Wood wool acoustic panel
Structure	Base Materials / Finish
Base materials	Wood Fiber And Inorganic Cement
Finish	Primary color and sprayed color
Custom size	W 600/1200mm*L 600/1200/2400mm*T 15/20/25mm

NON -FORMALDEHYDE ECOLOGICAL ACOUSTIC PANEL NF SERIES

Winego Non-formaldehyde ecological acoustic panel is made of superfine wood fiber ,various chemical agent and high polymer resin through high-tech mixing craft.This panel has superb features both wood and plastic.The board have reach the function of real wood imitation.It is revolutionary green eco-friendly fire-resistant board.



/SPECIFICATIONS

Name	Non-formaldehyde ecological acoustic panel
Structure	Base Materials / Finish/back
Base materials	Inorganic composite non - formaldehyde fire-resistant technology wood
Finish	Aluminium Sheet / Hpl Fire-proof
Back	Black Fire-resistant Sound Absorbing Fleece / Soundex Sound Absorbing Fleece
Model	Refer to groove acoustic panel and perforated panel model
Common size	W 600/1200mm*L 600/1200/2400mm*15mm or W 132*L 2440mm*15mm and other customized sizes

/FEATURES

Zero formaldehyde, no harmful materials, E0 eco-friendly standard.	Fire fire-resistant performance, reach Class A under ASTM E84 standard, Class 1 under BS476 part 7 standard	Green eco-friendly, 100% cycle utilization.	Water-proof, moisture-proof, insect-kill, corrosion-proof, mildew-proof.
Rational inner structure, high intensity and hardness, hard to transform, no-painting.	Light, Heat preservation, sound insulation, thermal insulation, fire insulation performance.	No-transform easy to install, saw, nail and screw are ok.	



Light Maple



OAK



Light OAK



Maple



Teak



Cherry

PERFORATED ACOUSTIC PANEL PA SERIES



PRODUCT INTRODUCTION

The structure of hole perforation in front and back is base on scientific calculation and acoustic principle. Wooden perforated acoustic panel has high sound absorption performance in low and middle frequency. It has various finish color and materials choice to meet customer's diversified request for acoustic and decoration and provide safety promise for environment protection and fire-resistant.

/SPECIFICATIONS

Name	Perforated Acoustic Panel
Structure	Base Materials / Finish / Back
Base materials	Standard / Eco-friendly / Fire-resistant / Moisture-proof / A Grade Non-inflammable/composite Fire-resistant / Non-formaldehyde Solid Wood / Other Customization
Finish	Veneer / Melamine / Hpl Fire-proof / Pu Painting
Back	Black Fire-resistant Sound Absorbing Fibre / Soundex Sound Absorbing Fibre
Model	PAE16/6/15, E16/6/15, V32/6/15, V16/6/15, E16/3-10/15, V32/3-10/15, EB/1-12/15, E3/1-12/15, Other customized model
Custom size	W 600mm /1200mm* L 600/1200/2400mm* H 15/16/12mm
Eco-friendly	All materials meet the national and international environmental protection standard. The product contains little formaldehyde with natural wood fragrance. Non-formaldehyde is also available.
Fire resistance	Fire-resistant panels can reach class A under ASTM E84 standard, Class 1 under BS476 part 7 standard.

CURVE ACOUSTIC PANEL CA SERIES



PRODUCT INTRODUCTION

More and more customer and architect are interested in curve ceiling and curve wall panel. The curve panel is widely used in high end decorative design. We develop curve panels base on groove acoustic panel and perforated acoustic panel. Its groove and perforation structure is accord with acoustic principle, have high sound absorbing performance in low and middle frequency. The structure of curve surface have some diffusion function and improve reverberation time obviously. The curve panel promote the sound saturation and stereo feeling. Moreover, the various finish and curve shape not only give diversified choice for customer, but also enhance ceiling decoration third dimension and fluency.

SPECIFICATIONS

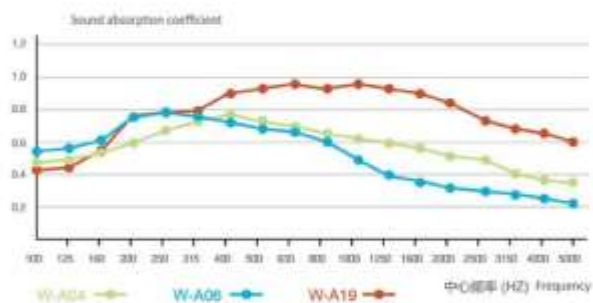
Name	Curve acoustic panel
Structure	Base Materials / Finish / Back
Base materials	Standard / Eco-friendly / Fire-resistant / Moisture-proof / A Grade Non Inflammable / Concrete Fire-resistant / Non-formaldehyde Solid Wood / Other Customization.
Finish	Veneer / Melamine / Hpl Fire-proof / Pu Painting
Back	Black Fire-resistant Sound Absorbing Fleece / Soundflex Sound Absorbing Fleece
Model	Refer to groove acoustic panel and perforated panel model.
Common size	W 600/1200mm* L 600/1200/2400mm* T: 15/18/12mm

ART ACOUSTIC PANEL AA SERIES



/PRODUCT INTRODUCTION

As society develops, the request of customer become more and more precise and exquisite. Art acoustic panel has art shape, unique and natural design, original natural wood finish, environmental and safety materials, high sound absorbing performance. All the features has attract many customers and designers to choose it.



/SPECIFICATIONS

Name	Art acoustic panel
Structure	Base Materials / Finish / Back
Base materials	Eco-friendly / Fire-resistant / Moisture-proof / Non-formaldehyde Solid Wood / Black HDI / Other Customization
Finish	Veneer / Melamine
Back	Black fire-resistant sound absorbing fleece / Black fire sound absorbing fleece
Model	Refer to photo
Common size	W 600/1200mm*L 600/1200/2400mm*T 15/18/12mm or any other size

PERFORATED AND ART ACOUSTIC PANEL KEEL SYSTEM(KS)SERIES WALL INSTALL SYSTEM



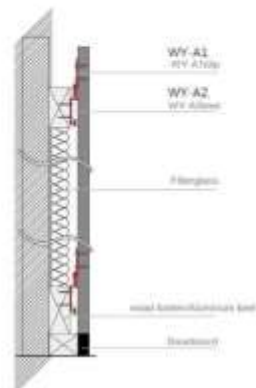
Fix main keel WY-008 on the wood battens and light steel keel by gasket and screw.

Fix the WY-009 side keel in the end of install area.

The grooves move along WY-008 and WY-009 direction from left to right and bottom to top.

Field and natural corner has request for texture, we will mark number's on the back. Please install it from small number to big.

KEEL AND CLIPS INSTALL METHOD



WY-A1
WY-A1 Clip



WY-A2
WY-A2 keel

MELAMINE ACOUSTIC PANEL MA SERIES



PRODUCT INTRODUCTION

Melamine acoustic panel is made of light melamine polycondensation, it can absorb all kinds of noise from different source, echo and reverberation. As interior sound absorption system, it is suitable for the places which have many different device and equipment. It is a innovation in architectural aesthetics and acoustic effect.



SPECIFICATIONS

Base material	Melamine polycondensation
Color	Gray / White / Other customized
Fire-resistant	Class 1 under American standard ASTM-E84
Eco-friendly	ROHS certified by SGS authority. No harmful materials in body.
Common size	W 500/700mm*H 1250/2000*T 10-100mm
Density	0.5kg/m³
Application	Wall, Ceiling Sound Absorber, Suspended Sound Absorber, High End Filling

Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.10	0.17	0.20	0.30	0.36	0.56	0.75	0.80	0.99	0.96	0.99	0.99	0.96	0.92	0.89	0.92	0.91	0.99



FABRIC ACOUSTIC PANEL (PVC TRACK)



/PRODUCT INTRODUCTION

PVC track is a innovation of fabric acoustic panel.It is PVC tracks and fabric -fit system used to stretch fabric cover various thickness fiberglass to meet different acoustic requirement.The system greatly improve the appearance of the interior environment while providing solutions to acoustic challenges.It can be installed to virtually any wall surface.When it used for interior design,it provides a neat,customized finish with distinctive lines.

/FEATURES

Excellent Sound Absorption of wall and ceiling panel	Easy and economical fabric replacement.	Fabric can be removed for cleaning or changed in situ.	No gaps and flapping of fabric.
Accepted a wide range of fabric Thickness.	No limit to size or shape of panel.	Interlocking or Friction Fit system can be chosen.	Flexibility in design.

/SPECIFICATIONS

Basic materials	Track system is extrusion design and allow you to stretch the fabric tightly with no slippage used the friction between pvc track and fabric principle.	
Steel with	JG is high density, the minimum thickness density is not less than 480kg/m3,the fiberglass board comply with G5401 PART 2.	
Fabric Tensile	Refer to fabric cable strand for fabric acoustic panel.	

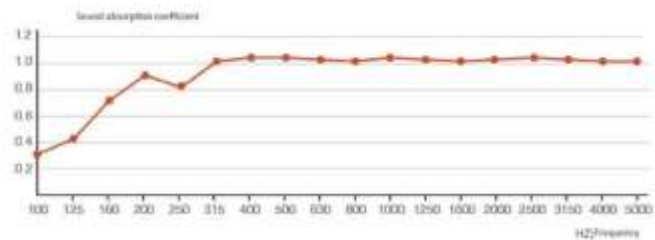
SUSPEND SOUND ABSORBER SA SERIES



SA01

/PRODUCT INTRODUCTION

These pieces ,such as Gymnasium,grand opera hall and dancing hall will use Suspended sound absorber for architectural acoustic design and keeping architectural style.Suspended Sound absorber is a kind of high sound absorbing performance acoustic materials which hang in the top.It is always in vertical hanging and horizontal hanging.When the suspended sound absorber cover 30%-45% of top area,the sound absorbing performance is two times than others.It also used for industry factory noise reduction.



Frequency	100	125	150	200	250	315	400	500	600	800	1000	1250	1500	2000	2500	3150	4000	5000
Sound absorption coefficient	0.30	0.41	0.72	0.89	0.81	1.00	1.06	1.10	1.08	1.06	1.11	1.12	1.10	1.11	1.14	1.12	1.10	1.10

/SPECIFICATION

Name	Cuboid suspended sound absorber
Structure	Base Materials , Finish, Frame
Base materials	80kg/m³ And 96kg/m³ Fiberglass Acoustic Board
Finish	Fire-resistant Fabric / Leather / Fiberglass Cloth
Border	Aluminium Alloy / Resin / Wood
Model	SA01 50/SA01 100/SA01 150
Weight	5.5kg/㎡ /11.5kg/㎡ /13.5kg/㎡
Common Size	W 600/1200mm*L 600/1200/2400mm*T 50/100/150mm and other customized
Fire resistant	Fire-resistant panels can reach class A under ASTM-E84 standard, Class 1 under BS476 part 7 standard.
Eco friendly	Environmental protection standard.The product contains little formaldehyde with natural wood fragrant.Non-formaldehyde is also available.
Application	Stadium,multi-functional hall and some big space .

POLYESTER FIBER ACOUSTIC PANEL PF SERIES

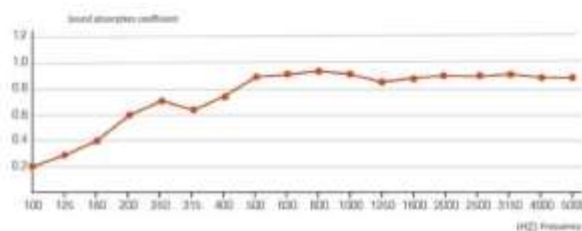


/PRODUCT INTRODUCTION

Polyester fiber acoustic panel is made of 100% polyester fiber hot press to cotton shape. The holes rate is more than 90%. It has good sound absorption performance in middle and high frequency. The polyester fiber acoustic panel is high density, eco-friendly, fire-resistant, easy to install and cut (no dust), various finish color and finish classes can satisfy all customer's acoustic and decorative requirement.

/APPLICATION

Hotel, office, hospital, library, cinema, theater, concert hall, stadium, conference hall, factory, machine room, machine room, residential building, etc.



/SPECIFICATIONS

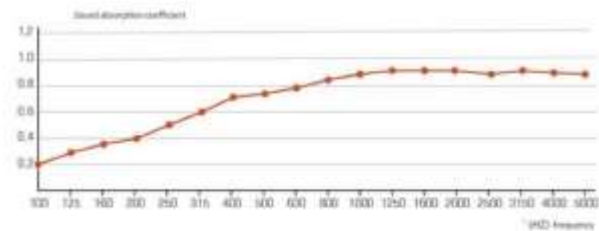
Base material	100% Polyester Fiber
Edge	Square, Bevel, Big Bevel
Density	160-220kg/m³
Finish	Various Color For Choice.
Common Size	W 1200* L 2440* T 50MM
Tolerance	W ±1mm, L ±2mm, T ±0.2mm

POLYESTER FIBER ACOUSTIC WOOL PFW SERIES



PRODUCT INTRODUCTION

Polyester fiber acoustic wool is made of 100% polyester fiber. It is Environmental, fire-resistant, heat preservation, noise reduction, high sound absorption performance, easy to cut and install. More and more design like to use in building acoustic and industrial noise reduction project.



SPECIFICATIONS

Basic materials	100% Polyester Fiber
Model	Board, Felt
Density	24-96KG/m³
Common Size	Board: W 600*1200*1, 1200*2200*1 25-100 Felt: W1200*L 11000/20000*1 25-150
Finish/finish	Rough to F1
Fire resistant	Fire-resistant panels can reach class A under A5/TM-EB4 standard. Class 1 under BS476 part 7 standard.
Application	Stuffing For Sound Absorption Structure

ALUMINUM PERFORATED ACOUSTIC PANEL AP SERIES

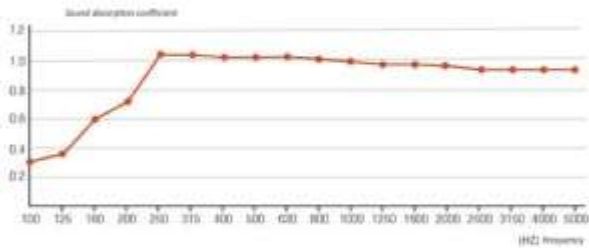


/PRODUCT INTRODUCTION

Aluminum perforated acoustic panel is made of Perforated aluminum decorative plate and aluminum frame. It is non-flammable, dust-free, no formaldehyde pollution, and harmful substances accord with the EU ROHS standard. Moreover, it has good sound absorption performance at full frequency.

/APPLICATION

Hotel, office, cinema, theater, conference hall, exchange, business hall, karaoke hall, ball room, hospital, library, station waiting room, restaurant, auditorium room, home theater, industrial factory machine room, residential building, etc.



/SPECIFICATIONS

Structure	Perforated aluminum finish and aluminum frame
Finish	Stainless Steel, Galvanized Steel, Aluminum Alloy
Model	Hole Size
Common Size	W 600*1, 600/1200mm*1 T 0.5-2mm
Height for edge	Edge Height: 6mm, 10mm, 15mm, 20mm
Eco-friendly	No Formaldehyde
Fire-resistant	Non-inflammable class A2, national Authority Under GB8624-2006 standard.



FIBERGLASS ACOUSTIC PANEL FAP SERIES

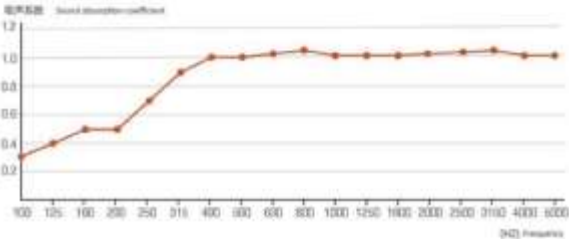


/PRODUCT INTRODUCTION

Fiberglass acoustic panel is made of high quality fiberglass wool. It use white and decorative fiberglass tissue in surface and white paint-coat around, reinforced fiberglass tissue in back. This product has stable structure, non-inflammable, no formaldehyde, high performance in sound absorption and good decorative effect.

/APPLICATION

Hotel, office, hospital, library, cinema, theater, concert hall, stadium, conference hall, factory, machine room, noise room, residential building, etc.



/SPECIFICATIONS

Structure	Base Materials, Finish, Back
Base materials	High Quality Fiberglass Wool
Finish	White, Black Or Other Color
Back	Reinforced Fiberglass Tissue
Model	Flat, Tapered, Hidden Plug In
Common Size	W 600mm*L1200mm*H 15/20/25mm
Eco-friendly	No Formaldehyde
Fire resistant	Non-inflammable, Class A2, National Authority Under GB8624-2006





WOODEN DIFFUSER WD SERIES

DEFECT OF PLANE REFLECTION

If someone enjoy the music in a rectangular hall,the sound he heard is harsh and stiff. It is sound frequency dying.

PRODUCT FEATURE

Wooden diffuser is a anomalous plane design which can bring diffusion while reflection.The sound is continuous.And reverberation is from different direction to the audience.It can greatly improve the acoustic environment in the hall.

PRINCIPLE OF DIFFUSION

Acoustic diffusion series is base on QRD diffusion principle.QRD diffusion is Quadratic residue theory. The diffusion boards are scarpound of slope of different depths based on calculations as per the quadratic residue theory. The sound energy enters slope and is then gradually released at different time.The result is that the peaks and valleys are smoother,forming a more balanced acoustic environment.The diffusion boards are used not only on ceiling but also on the side walls and the walls behind loudspeakers and behind the listening positions.The more the diffusion materials,the more can people feel that the sense of space and the natural and graceful effect of high frequencies in the music pieces.The details of music can also be shown well.

	Frequency	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
WY-D1	Diffuse coefficient	0.01	0.01	0.00	0.00	0.02	0.06	0.18	0.25	0.36	0.40	0.41	0.35	0.43	0.58	0.55	0.48
WY-D2	Diffuse coefficient	0.01	0.01	0.02	0.00	0.10	0.40	0.36	0.40	0.49	0.30	0.41	0.62	0.57	0.58	0.57	0.36
WY-D3	Diffuse coefficient	0.02	0.05	0.01	0.01	0.00	0.00	0.01	0.02	0.08	0.41	0.30	0.45	0.43	0.43	0.43	0.58

DIFFUSION ACOUSTIC PANEL DA SERIES



DA-1

DA-2

DA-3

	Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
Cylinder	Sound absorption coefficient	0.15	0.30	0.42	0.58	0.72	0.83	0.95	0.90	0.85	0.66	0.58	0.50	0.45	0.42	0.37	0.38	1.19
Triangle	Sound absorption coefficient	0.18	0.30	0.43	0.62	0.75	0.85	0.88	0.82	0.75	0.64	0.55	0.52	0.42	0.42	0.38	0.38	0.40

	Frequency	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000	12500	16000	20000
Cylinder	Diffusion coefficient	0.01	0.00	0.00	0.00	0.02	0.10	0.13	0.30	0.42	0.30	0.45	0.52	0.45	0.38
Triangle	Diffusion coefficient	0.01	0.01	0.00	0.01	0.02	0.08	0.06	0.25	0.53	0.57	0.43	0.32	0.38	0.45

/SPECIFICATIONS

Name	Diffusion Acoustic Panel
Base materials	MDF
Finish	PU Painting / PVC
Model	DA-1 / DA-2 / DA-3
Features	Triangle Or Cylinder Groove In Surface, perforated In Back With Fire-resistant Acoustic Tissue, painting Finish.
Eco-friendly	Formaldehyde Class reach E1.
Common Size	W 1200mm* L 2440mm* T 21/25mm
Application	TV, Theater, Opera Hall, Concert Hall, Conference Center, Stadium, Mall, Hotel, Restaurant

SOUND INSULATION BOARD IB SERIES

IB01 / IB02

Composite damping and sound insulation board is made of inorganic materials with different densities on both sides(firm and firm white inorganic board in surface and back or firm black inorganic in surface and firm white in back.) is sandwiched with high polymer damping adhesive in core.High pressure composite molding form the constrained damping structure,change the resonant frequency of the original materials and greatly increase the airborne sound insulation index and structure sound insulation index.

APPLICATION

Residence,hotel,leisure club ,KTV and other places which need increase wall and ceiling sound reduction index.



IB03

Soft wood damping and sound insulation board is made of inorganic materials with different densities and different thickness,the soft wood are arrange in the core layer,and two layers of high polymer damping materials are molded compositely under high pressure without adhesive.High density boards on the front and rear surfaces have good medium-high frequency sound insulation effect.The double-layer constrained damping structure generates high-efficiency low frequency and ultra-low frequency transmission shearing stress.

APPLICATION

Bar,night club,high noise machine rooms,active sound insulation structures and sound insulation doors manufacture.



IB04

Composite vibration damping adhesive and sound insulation board:The central damping layer is made of high -elasticity aging resistant and flame resistant the YMB/EVA materials,the front and rear surface boards are made of inorganic materials with different densities and thickness to form the structure properties of sound insulation and vibration damping materials and effectively insulate the medium-low frequency sound transmission.

APPLICATION

KTV,night club,show bars,private theaters,HIFI listening rooms,piano rooms,recording studios and other active sound insulation structure.



IB05

Timber damping and sound insulation board adopt 3mm fire-resistant plywood and in surface and firm high density inorganic board on the bottom surface,the high polymer damping adhesive is sandwiched,and the three materials with different properties are molded compositely under high pressure.

Features:It is green ,eco-friendly,easy to cut and install. The timber layer surface provide a rich later forming condition.



SPECIFICATIONS

Model	kg/m ³ Surface density	kg Weight of single pcs	mm Common Size	m ² Area of single pcs
IB01	18.5	55	1220*2440*16	2.97
IB02	19.8	59	1220*2440*16	2.97
IB03	22	64	1220*2440*25	2.97
IB04	23.3	68	1220*2440*25	2.97
IB05	14.4	43	1220*2440*18	2.97

DEADENING FELT DF SERIES

/PRODUCT INTRODUCTION

Deadenig Felt is a kind of newly sound insulation product,which made from macromolecule material,mold powder and other accessory ingredient.Deadenig Felt is widely used at Modern building industry,home furnishing,factory work shops,machine rooms, air compressor space, meeting room,multi function hall,KTV room,office and car which place need sound insulation.



/SPECIFICATION

Name	Deadenig Felt
Eco-friendly	Formaldehyde Class reach E1
Fire resistant	Burning safely, the flame put out after removing
Common size	W 1200mm* L 3000/10000mm* T 2.0/3.0/1.2mm
Tolerance	W ±2mm, L ±2mm, T ±0.2mm

INSTALL METHOD

1. Directly rigid touching among panels,keels and the wall is not allowed.The touching point for the wall maybe putted damping insulation felt as spacer.
2. There are always lights,exhaust fan,Smoke Sensor and air duct in the ceiling or on the top of the wall. Sound insulation will be considered in advance for the devices and the pipes.
3. The damping insulation felt should cover all the space.Specially the gap between panels and felts don't overflow.
4. Reserve places for weak electric wires connector and consider sound insulation in advance.
5. For high request for sound insulation places ,the whole sound insulation solutions will be necessary.



SOUND AND VIBRATION INSULATION MAT SV SERIES



PRODUCT INTRODUCTION

Sound and vibration mat is made of high density polyethylene foam after nanometer technology. The mat has obvious effect on the improvement of the floor impact sound. The materials won't observably increase the floor and building structure loading as the light weight. It is kind of eco-friendly, economical and durable product. It can be used more than 70 years.

FEATURES

Anti-static-proof, waterproof, mold-proof, easy to install, easy to cut, etc.

APPLICATION

KTV, disco, gym, home theater, engine room, special residential district and some places have a noise source nearby.

INSTALL METHOD

1. Keep the ground clean and smooth, and cut the product according to the required size.
2. Mark the absorption mat on the floor, and its laying position should align at the joint of skirting line, also taped up the joints.
3. Avoid the leakage and the seam paving between the mat and the ground.
4. After install the mat, the cement, finished floor and wood floor should be immediately covered onto the mat.



CANOPY FREE HANGING UNITS

I.I. CIRCULAR CANOPY

Free Hanging Canopy Application / Istanbul

Canopy ceiling panels are available in an a vast range of shapes, colors and sizes, allowing you to create the modern look for your space. When it is not possible to install wall-to-wall ceiling panels, Canopy is the best solution to provide excellent sound absorption.



HEXAGON CANOPY

Canopy Office Application / Israel

Available in numerous shapes, these panels offer excellent acoustic qualities. In areas such as foyers and receptions spaces with the need of architectural design, the use of **Canopy** is the optimum solution.



CUBIC CANOPY

Custom Design Ceiling Panels

Cubic canopy panels provide good acoustics and a decorative 3-dimensional ceiling appearance.



CUSTOM MADE CANOPY

Do you want to use special
acoustic panels in your project?
If so, provide us with the
technical drawings, we can
create an acoustic panel design
with unique shapes to your
specifications.





Creative Designs

Highly absorbing **Baffle** systems do not just provide excellent room acoustics, but also offer an almost infinite number of possibilities for a lively interior design. Get a distinctive and unique design while fulfilling the highest acoustic requirements.



Studio Acoustical System

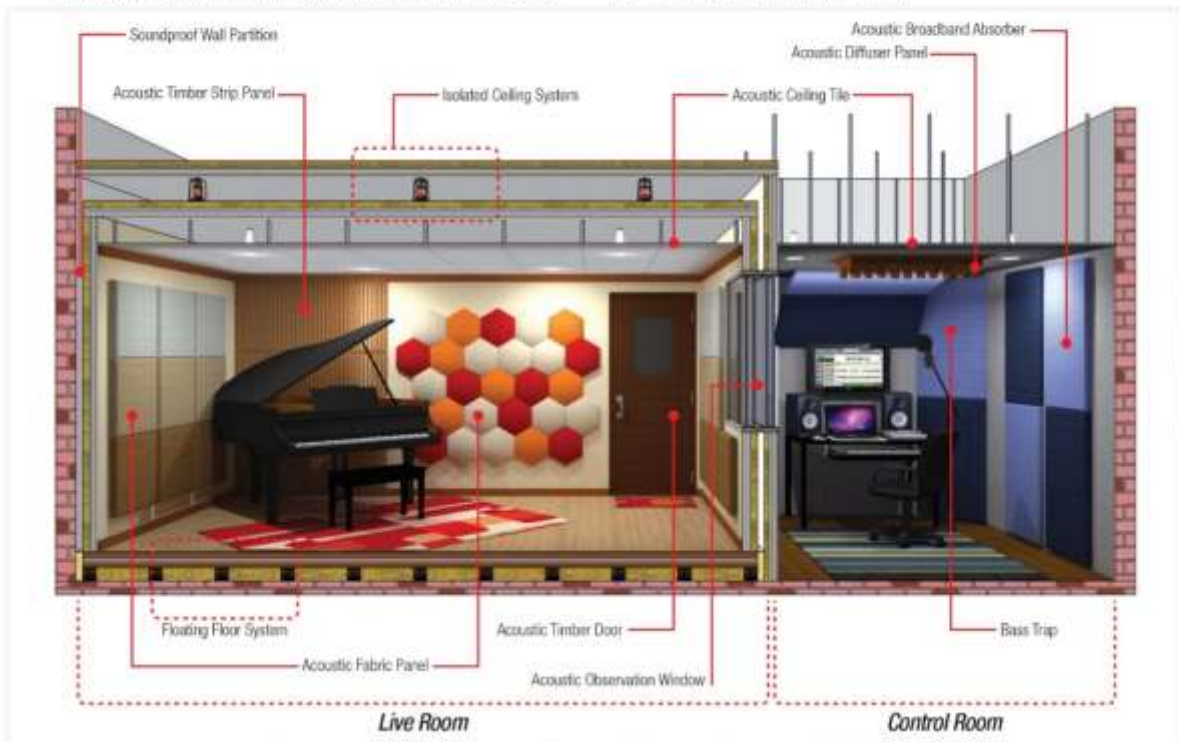
As Audio & Video equipments cost much lower than before, the industry of Professional or semi-Professional audio recording becomes significantly accessible to more enthusiasts.

However, the importance of the studio environment, especially on Acoustics is often overlooked, as it is not a tangible matter like the AV hardwares. As one certainly cannot attain an excellent mic-recorded sound with top-of-the-shelf equipments in a bad sounding room,

Noise Control is here to help you achieve excellent acoustics

from a cost-effective point of view.

Recording facilities are also difficult to be separated from suburban/city areas where large portion of the demand comes from. High population in these areas translates into the incorporation of Studios into office buildings and multi-story dwellings. Noise disturbance had become a serious issue involving lawsuits, and is ready to provide Soundproofing advice and services to overcome this common yet ill-advised matter.

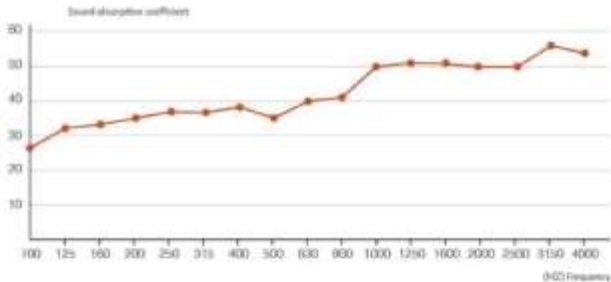


METAL WOOD COMPOSITE SOUND INSULATION DOOR



PRODUCT INTRODUCTION

Metal and wood composite sound insulation door adopt galvanized steel plate board, inorganic board, wood board, damping layer and gas seal four different materials molded compositely under high pressure with magnetic control rubber seal strips. The finish is natural veneer finish and various finish for choice.



SPECIFICATION

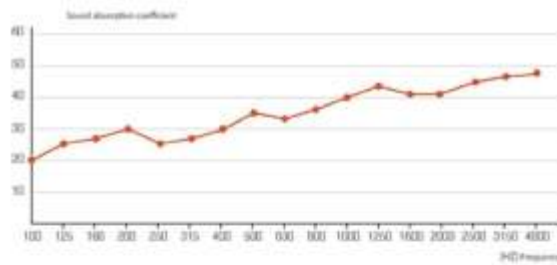
Name	Metal wood composite sound insulation door
Model	ID01
Finish	Natural Veneer Finish
Common size	Single leaf :W 880mm*H 2050mm* T 70mm Double leaf:W1580mm*H2100mm T 70mm
Sound reduction index	Single: STC40-50dB Double: STC35-45DB
Threshold	Optional
Opening direction	Optional
Lock	Standard or Optional
Application	Hotel, Home, Auditorium Room , Music Room, Entertainment Venues, Conference Hall, Home Theater

METAL SOUND INSULATION DOOR



PRODUCT INTRODUCTION

Metal sound insulation door is made of galvanized steel plain sheet, filled with damping sound insulation wool and any other insulation materials, with magnetic control rubber Seal strip. It include design with threshold and without threshold. Without threshold design adopt liftable bottom seal strip, reduce the sound leak.

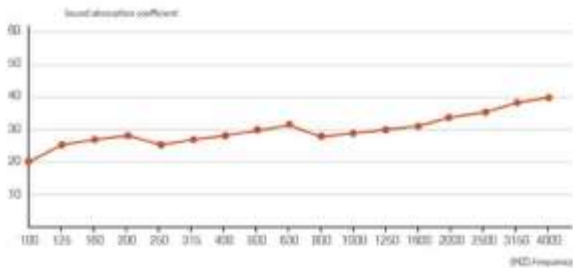


Name	Metal Sound Insulation Door
Model	E02
Finish	Baking Finish, Wood Grain Transfer Printing Finish
Common size	Single leaf: W 800mm*H 2050mm* T 70mm Double leaf: W1500mm*H2100mm* T 70mm
Sound reduction index	Single: stc40-45db / Double: stc45-48db
Threshold	Optional
Opening direction	Optional
Lock	Standard or Optional
Application	Hotel, Home, Auditorium Room, Music Room, Entertainment Venues, Conference Hall, Senior Office

WOOD SOUND INSULATION DOOR

PRODUCT INTRODUCTION

wood sound insulation is made of solid wood, filled with damping sound insulation wool and using magnetic rubber seal strip.



SPECIFICATION

Name	Wood Sound Insulation Door
Model	1000
Finish	Natural Veneer Finish
Carriage size	Single leaf: W 890mm*H 2080mm*E 50mm Double leaf: W 1500mm*H 2150mm*E 50mm
Sound insulation	Single: STC05-40DB Double: STC00-0500
Threshold	Optional
Opening direction	Optional
Lock	Standard or Optional
Application	Hotel, House, Auditorium Room , Music Room, Entertainment Venues,conference Hall, Senior Office