

SHAPING SPACES. PERFECTING SOUND.

Innovative acoustic solutions
for every space.



ACOUSTICS



PANELING



CEILING



FLOORING



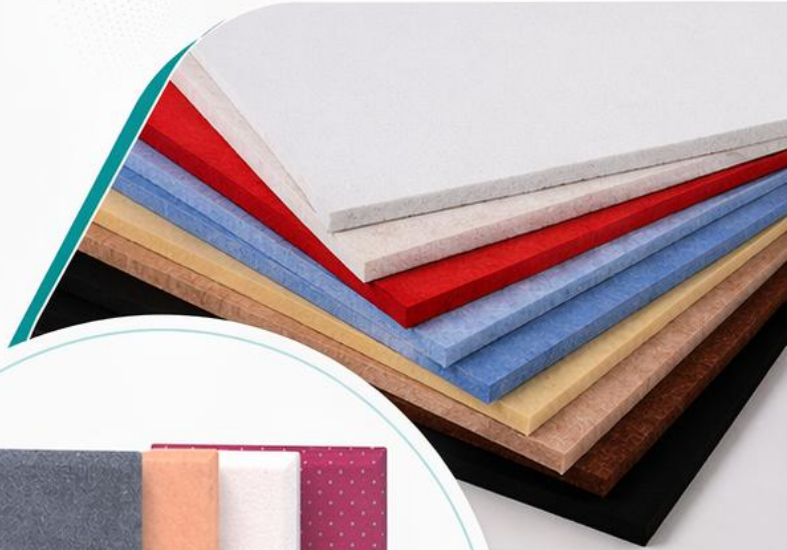
PARTITION

MULTIPLEX | AUDITORIUM | HOME THEATER | BOARD ROOM | SPORTS HALL

PRODUCT
CATALOG
2026

ABOUT US

ABI – ACOUSTIC BOARD INDIA is in to the manufacturing of a wide series of wall and ceiling acoustical products along with turnkey solutions to each and every requirement with a diverse range in styles and materials for both interior and exterior environments that features classic and elegant concepts.



INNOVATING FOR BETTER SPACES

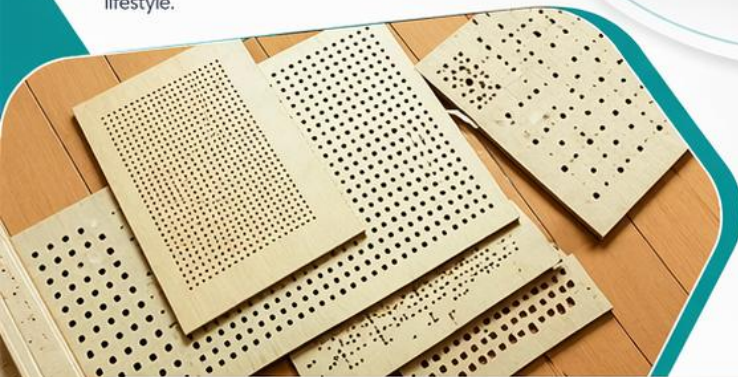
Innovative product development is a major focus of our business. On an on-going basis, our in-house specialists focus on improving the outcome of sound performance while setting our specifications within the ISO and ATSM standard requirements. We strive to create aesthetically appealing high-end series products with characteristics in the designs that meet the needs of metropolitan lifestyle.



**SOUND
DESIGNED.
PERFORMANCE
DEFINED.**

BUILT ON EXPERIENCE, FOCUSED ON EXCELLENCE

Our experience of working with architectural designers in providing long term solutions for various environmental settings has enabled us to develop high quality and durable materials in our acoustic products to withstand the impact of long-term physical deterioration.



ENGINEERED FOR EXCELLENCE

Exclusively available through Brilliante Acoustics , we use the most **cutting edge** technology to manufacture our one-of-a-kind products and integrate custom designed acoustic products for our clients. Most importantly, we provide highly value customer satisfaction. One of the key benefits we uphold for our clients is the feasibility of creating an acoustically adjusted environment at affordable cost. With our top-of-the-line series of acoustic products, our clients can enjoy symphonic sound experiences in a variety of settings.



PREMIUM
QUALITY



WIDE RANGE
OF PRODUCTS



CUSTOMIZED
SOLUTIONS



TRUSTED
EXPERTISE

SPECIALIST IN DOING

Acoustic solutions for every space.
Designed for performance. Built for comfort.



MULTI PURPOSE HALL ACOUSTICS



INDOOR STADIUM ACOUSTICS



MEETING ROOM ACOUSTICS



HOME THEATER ACOUSTICS



AUDITORIUM ACOUSTICS



CLASS ROOM ACOUSTICS



CORPORATE ACOUSTICS



MULTIPLEX ACOUSTICS



STAGE ACOUSTICS



ENHANCED
SOUND QUALITY



AESTHETICALLY
APPEALING



FUNCTIONAL
& DURABLE



CUSTOMIZED
SOLUTIONS



EXPERTISE YOU
CAN TRUST



OUR PRODUCT RANGE

Innovative acoustic solutions
for every space.



AUDITORIUM CARPETS
AND STAGE FLOORING



WOODEN GROOVED AND
PERFORATED SLATS



PERFORATED WOODEN
ACOUSTIC PANELS



CALCIUM SILICATE
PERFORATED PANELS



AUDITORIUM AND
STADIUM CHAIRS



POLYESTER FIBER
ACOUSTIC PANELS



CUSTOMIZED
ACOUSTIC PANELS



MASS LOADED VINYL (MLV)



ACOUSTIC CEILING BAFFLES



FABRIC ACOUSTIC PANELS



WOODWOOL PANELS



ACOUSTIC DOORS



ENHANCED
ACOUSTICS



PREMIUM
QUALITY



CUSTOMIZED
SOLUTIONS



SUSTAINABLE
MATERIALS



TRUSTED
EXPERTISE



**POLYESTER FIBER
ACOUSTIC PANELS**



**ACOUSTICAL
FABRIC PANELS**



**CALCIUM SILICATE
PERFORATED PANELS**



**AUDITORIUM AND
STADIUM CHAIRS**



**STAGE WOODEN
FLOORING**



**AUDITORIUM
CARPET FLOORING**



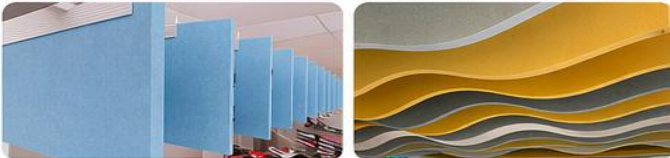
**GROOVED PERFORATED
WOODEN SLATS**



**WOODEN
PERFORATED PANELS**



**ACOUSTIC
CEILING BAFFLES**



**WOODWOOL
ACOUSTICAL PANELS**



**MASS LOADED
VINYL (MLV)**



**ACOUSTIC
DOORS**





PET ACOUSTIC RANGE



ECO FRIENDLY
SUSTAINABLE



SUPERIOR
SOUND ABSORPTION



FIRE RETARDANT
& SAFE



WIDE RANGE OF
COLORS & DESIGNS



DURABLE
& LIGHTWEIGHT

QUIET YOUR SPACE

**BLOCK NOISE. ABSORB ECHO.
LIVE PEACEFULLY.**

Premium acoustic solutions that enhance sound quality and elevate every environment.



SUPERIOR SOUND ABSORPTION
Reduces noise & controls reverberation



ECO FRIENDLY & SUSTAINABLE
Environmentally responsible materials



SAFE & DURABLE
Fire retardant, long lasting & moisture resistant



AESTHETIC & VERSATILE
Wide range of colors & finishes to match any space

OUR ACOUSTIC SOLUTIONS



PERFORATED ACOUSTIC PANELS

Precision perforations for superior sound absorption and elegant interiors.



GROOVED ACOUSTIC PANELS

Stylish grooves for improved acoustics and contemporary design impact.



IDEAL FOR

- Auditoriums
- Offices
- Studios
- Metro Stations
- Education
- Homes
- Hospitals
- Commercial Spaces

PRODUCT FEATURES



ENHANCED ACOUSTICS
Minimizes noise & improves speech clarity



EASY INTERLOCKING
Seamless installation with interlocking system



EASY TO INSTALL
Lightweight panels for quick installation



FIRE RETARDANT
Safe for every environment



MOISTURE RESISTANT
Built to perform in all conditions

WIDE RANGE OF COLORS



AVAILABLE FINISHES



SCAN TO EXPLORE OUR SOLUTIONS



@acousticboardindia_

BETTER ACOUSTICS • BETTER SPACES • BETTER LIVING

www.acousticboardindia.com



ABI – POLYESTER FIBER PANELS

Sustainable. Stylish. Sound Absorbing.

PRODUCT SPECIFICATIONS

	COLORS	:	36 standard colors
	PANEL SIZE	:	1220 x 2440 x 9 mm
	WEIGHT	:	1900 g/sqm
	CONTENT	:	100% polyester
	APPLICATION	:	Walls, ceilings, screens, partitions
	FABRICATION	:	Standard woodworking tools, utility knife or CNC with oscillating knife.
	INSTALLATION	:	Adhere to substrate with adhesive Attach with screws, nails, stand-offs or with aluminum trim.
	FIRE RATING	:	EN13501 B class
	CARE INSTRUCTIONS	:	Remove spills immediately using a clean damp cloth or with soap and water. Carpet and fabric cleaners can be used—always test an inconspicuous area first.

PRODUCT PROPERTIES

	FIRE RETARDANT		LIGHTWEIGHT		NON TOXIC
	SOUND ABSORPTION		ANTI ALLERGY		LEED POINTS FOR RECYCLED MATERIAL
	ENVIRONMENTAL FRIENDLY		EASY TO INSTALL		50% POST-CONSUMER RECYCLED CONTENT



SUSTAINABLE CHOICE.
BETTER ACOUSTICS.
BETTER ENVIRONMENTS.



www.acousticboardindia.com





WHY OUR ACOUSTIC WALL PANELS?



As more and more people consider the possible concerns of fiberglass materials going into their homes or offices—architects, builders, and designers are using safe, soft and easy to install products such as **Polyester**.



POLYESTER FIBER PANELS used in the building industry, furniture industry. Polyester is a totally safe, **user friendly** fiber, which is cost effective and easy to install.



Polyester is insect proof, and is not attacked by – nor does it – provide nourishment for - keratin eating insects. Polyester is hydrophobic and naturally repels water so that the product remains largely unaffected by accidental exposure to moisture. Increasingly, polyester is providing the building industry with an effective but economical alternative.



Polyester is used in a wide variety of applications where safety is of the utmost concern, confirming this products status as a safe, cost effective and **long term** option for architects, builders and home owners.



OUR POLYESTER ACOUSTIC RANGE



01
SOLID COLOR
PANEL SERIES



02
CUSTOMIZED
PANEL SERIES



03
PERFORATED CEILING
PANEL SERIES



04
CLOUD AND CEILING
BAFFLE SERIES



SAFE &
NON TOXIC



ECO FRIENDLY &
SUSTAINABLE



EXCELLENT
SOUND ABSORPTION



COST EFFECTIVE
SOLUTION

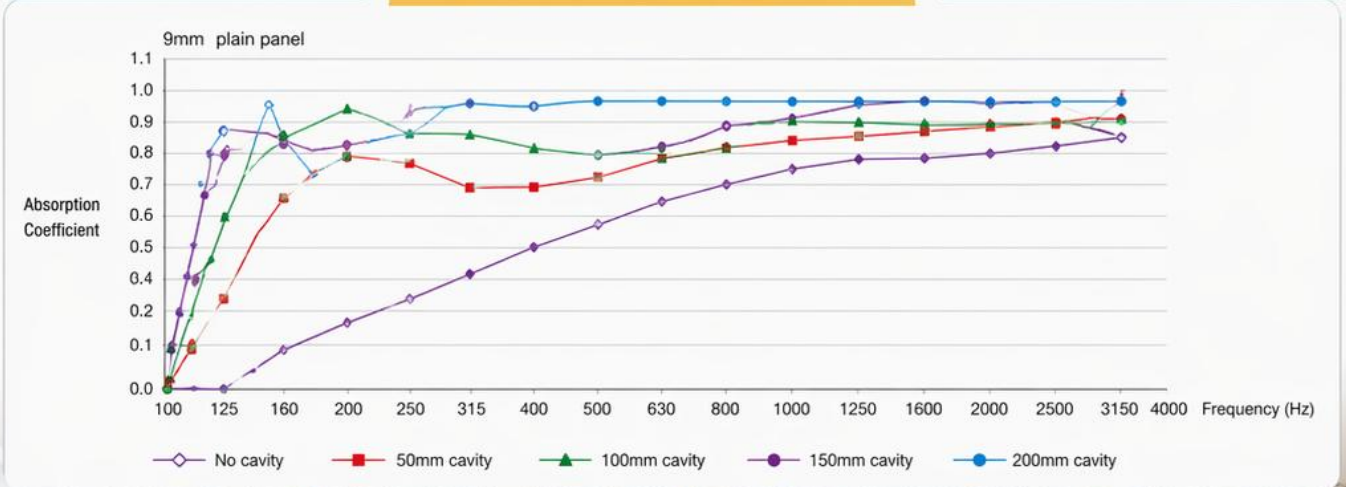


EASY TO
INSTALL

NRC COMPARISON

Frequency (Hz)	100	125	160	200	250	315	400	630	800	1000	1250	1600	2000	2500	3150	4000	NRC	
9mm absorption coefficient	0mm	0.01	0.01	0.01	0.03	0.04	0.05	0.10	0.15	0.21	0.30	0.41	0.60	0.68	0.77	0.85	0.90	0.30
	50mm	0.09	0.09	0.16	0.23	0.29	0.39	0.54	0.68	0.78	0.86	0.95	0.97	1.00	0.95	0.89	0.91	0.70
	100mm	0.21	0.24	0.39	0.49	0.55	0.72	0.88	0.91	0.97	0.98	0.99	0.98	0.75	0.78	0.84	0.62	0.80
	150mm	0.32	0.42	0.59	0.67	0.74	0.88	0.91	0.96	0.99	0.99	0.70	0.72	0.86	0.95	0.94	0.71	0.85
	200mm	0.57	0.58	0.53	0.72	0.86	0.84	0.99	1.05	0.92	0.73	0.70	0.85	0.90	0.89	0.96	1.00	0.90

IDEAL SOUND ABSORBING EFFECT



CUSTOMIZED PANEL SERIES

Tailor-made acoustic panel solutions to match your design vision and performance needs. Unlimited possibilities for colors, shapes, textures and applications.



WALL PANELS



3D DESIGN PANELS



ACOUSTIC WALL PANELS



PARTITION PANELS



PIN-UP PANELS

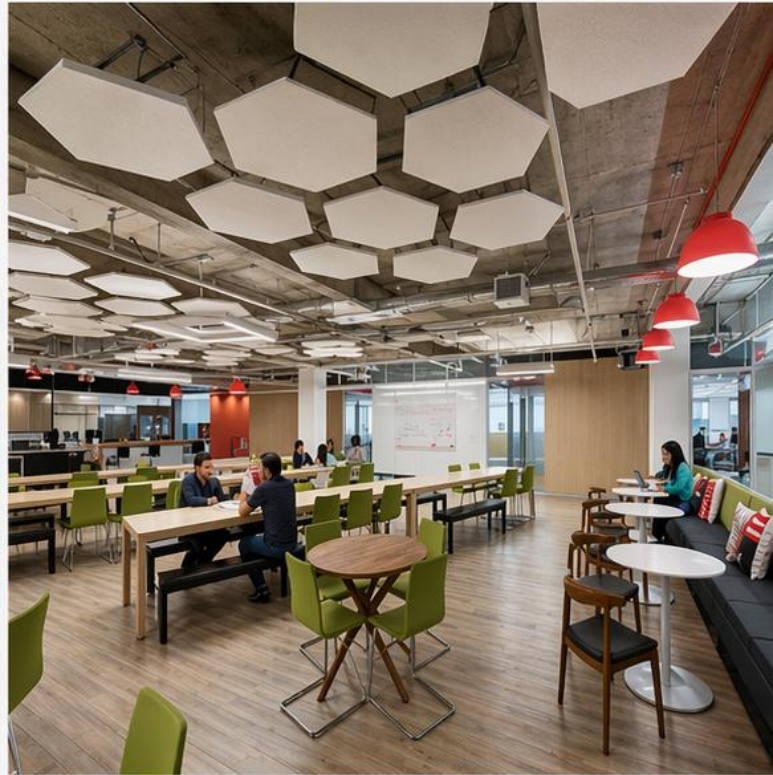


ACOUSTIC CEILING & WALL PANELS



CEILING AND SOUND Baffles

Enhance acoustics and aesthetics with our ceiling and sound baffles – designed for noise control, style, and easy installation.



 EXCELLENT
SOUND ABSORPTION

 MODERN AESTHETIC
APPEAL

 EASY TO INSTALL
AND MAINTAIN

 ECO FRIENDLY
AND SUSTAINABLE

 DURABLE
AND LONG LASTING

 IMPROVES
ACOUSTIC COMFORT

 ENHANCES
INTERIOR DESIGN

 REDUCES ECHO
AND NOISE

 VERSATILE
APPLICATIONS

 CUSTOMIZABLE
COLORS & SHAPES

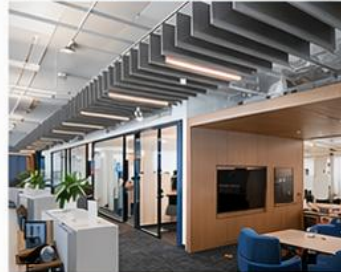
ABI - V CLOUD BAFFLES SERIES

Our Cloud Baffles are suspended acoustic solutions designed to absorb sound, reduce echo and enhance the acoustic comfort of any space while adding a striking visual element to your ceiling.

-  HIGH ACOUSTIC PERFORMANCE
-  LIGHTWEIGHT & SUSPENDED DESIGN
-  ECO FRIENDLY & RECYCLABLE
-  EASY TO INSTALL & MAINTAIN



APPLICATIONS



 SUPERIOR SOUND ABSORPTION

 MODERN & CUSTOMIZABLE SHAPES & COLORS

 ECO FRIENDLY PET MATERIAL

 DURABLE, LIGHTWEIGHT & LONG LASTING

 EASY TO INSTALL & MAINTAIN

CEILING AND SOUND Baffles

Our ceiling and sound baffles are designed to improve acoustics while adding a distinctive architectural element to any space.



EXCELLENT
SOUND ABSORPTION



LIGHTWEIGHT &
DURABLE



MODERN AESTHETIC
APPEAL



EASY TO INSTALL



ECO FRIENDLY &
SUSTAINABLE



ENHANCES
ACOUSTIC COMFORT



CUSTOMIZABLE
COLORS & SHAPES



PREMIUM
QUALITY



VERSATILE
APPLICATIONS



SUSTAINABLE
SOLUTION

CARVED ACOUSTIC PANELS

Carved Panels are precision cut using CNC machines to create unique patterns on ABI – Acoustic Polyester Fiber Panels. These panels combine superior acoustic performance with stunning visual appeal.



ENHANCES ACOUSTICS



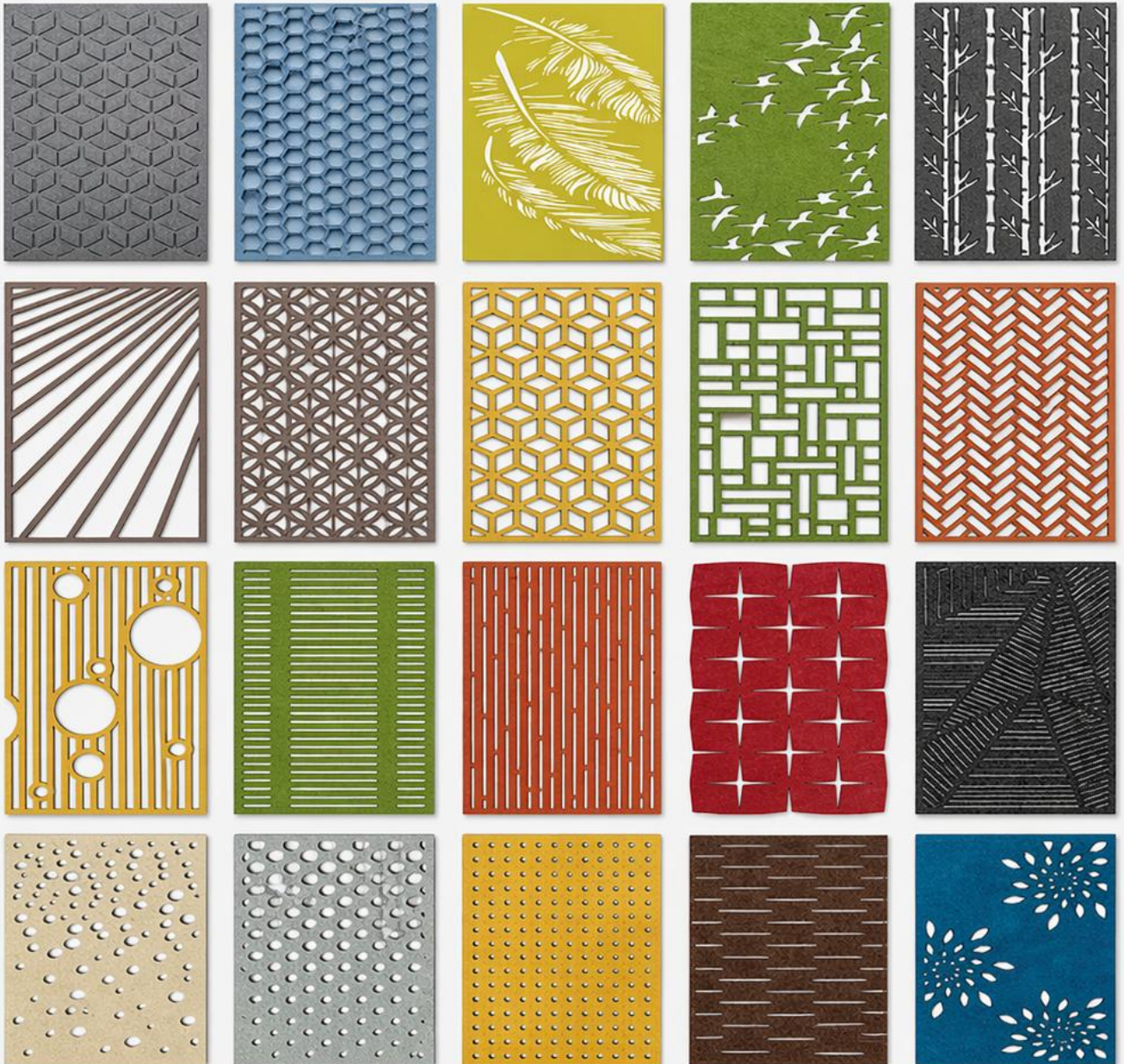
CUSTOM DESIGNS



ECO FRIENDLY MATERIAL



DURABLE & LONG LASTING



SUPERIOR SOUND ABSORPTION



CNC PRECISION CARVING



WIDE RANGE OF PATTERNS & COLORS



PREMIUM QUALITY & DURABILITY



EASY TO INSTALL & MAINTAIN

ACOUSTIC V GROOVE WALL PANEL

A perfect fusion of style and acoustic performance. The Acoustic V Groove Wall Panel adds a **modern architectural statement** while enhancing sound absorption.



EXCELLENT SOUND ABSORPTION

Reduces noise and echo for a quieter environment.



MODERN V-GROOVE DESIGN

Adds depth, texture and a contemporary look to any space.



ECO FRIENDLY & NON TOXIC

Made from recyclable polyester fiber, safe for people and the planet.



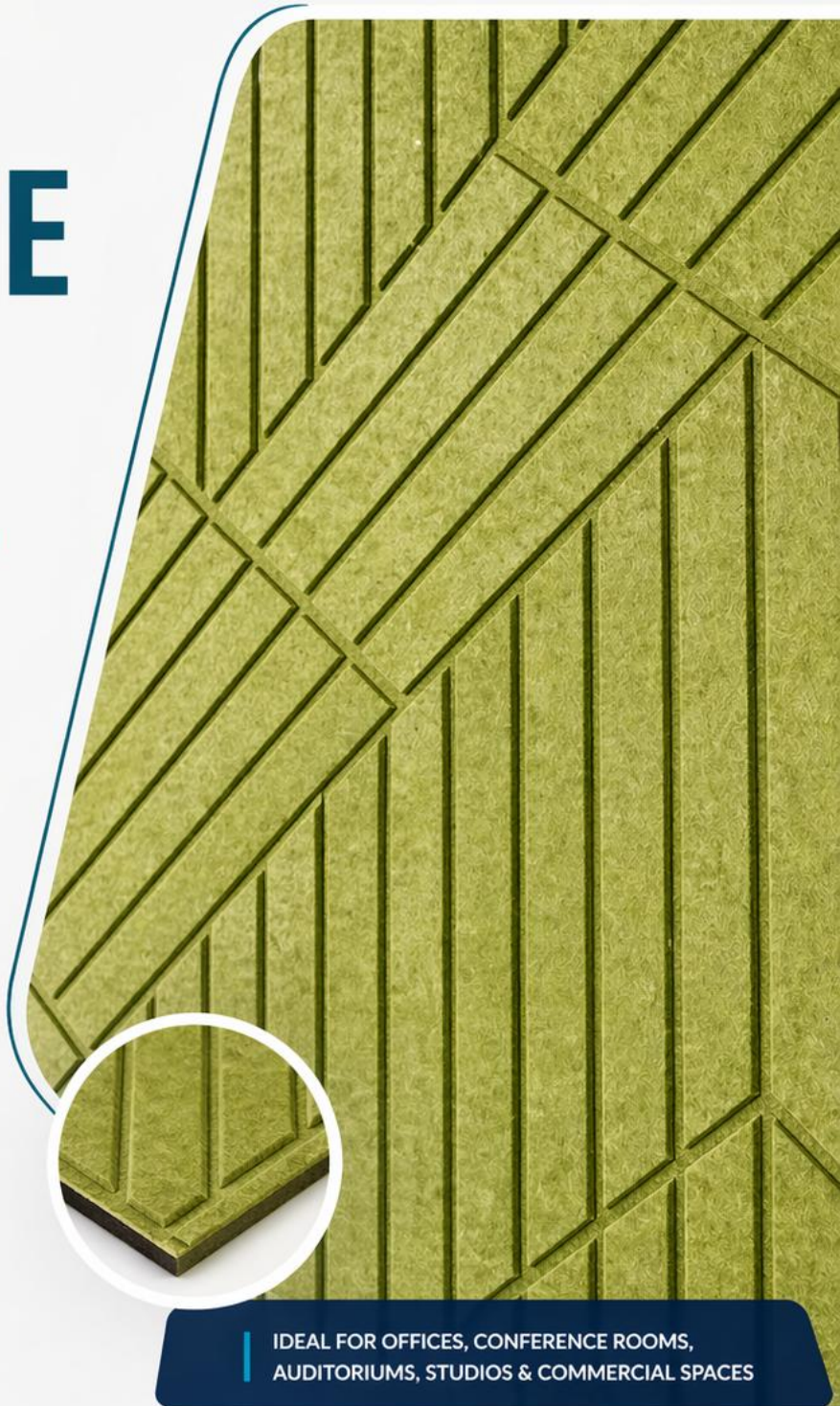
DURABLE & LONG LASTING

High density panel with excellent strength and impact resistance.



EASY TO INSTALL & MAINTAIN

Lightweight panels for quick installation and easy upkeep.



IDEAL FOR OFFICES, CONFERENCE ROOMS,
AUDITORIUMS, STUDIOS & COMMERCIAL SPACES



ENHANCES
ACOUSTIC COMFORT



CUSTOMIZABLE
COLORS



PREMIUM
QUALITY FINISH



FOR WALLS,
OFFICES & SPACES



ABI – V GROOVED PET PANELS

ABI – ACOUSTIC BOARD INDIA® is into the manufacturing of a wide series of wall and ceiling acoustical products along with turnkey solutions to each and every requirement with a diverse range in styles and materials for both interior and exterior environments that features classic and elegant concepts.

Innovative product development is a major focus of our business. On an ongoing basis, our in-house specialists focus on improving the outcome of sound performance while setting our specifications within the ISO and ATSM standard requirements. We strive to create aesthetically appealing high-end series products with characteristics in the designs that meet the needs of the metropolitan lifestyle.

ABI - V-grooved PET acoustic panels are a popular type of sound-absorbing panel made primarily from PET (polyethylene terephthalate); a type of plastic often derived from recycled bottles. The V-grooves are precise cuts or carvings that form patterns or channels on the panel's surface, adding **aesthetic appeal and improving acoustic performance**.



1. COMPOSITION AND MATERIAL

Core Material: 100% polyester fiber (commonly made from recycled PET bottles)
Eco-Friendly: Often contains up to 60–100% recycled content and is recyclable
Formaldehyde-Free: Safe for indoor use



2. V-GROOVE DESIGN

V-grooving is a CNC-cut or laser-engraved pattern that creates geometric channels in the panel.
Depth & Spacing: Typically 5–10 mm deep grooves, spaced evenly or in custom patterns.
Purpose: Enhances diffusion and aesthetic texture while maintaining sound absorption.



3. ACOUSTIC PERFORMANCE

NRC Rating (Noise Reduction Coefficient): Usually between 0.70 and 0.90, depending on:
 Panel thickness (9mm / 12mm / 24mm)
 Mounting method (direct vs. with air gap)
 Surface treatment (grooves, density)
Functions: Reduces echo and reverberation / Suitable for offices, studios, theaters, schools, and commercial spaces



4. AESTHETIC OPTIONS

Finishes: Available in a wide range of colors and textures
Customization: Logos, custom groove patterns, and color combinations
Edge Details: Clean-cut, beveled, or framed



5. SIZE AND THICKNESS

Standard Sizes: 1220 mm x 2440 mm (4 ft x 8 ft)
Common Thicknesses: 9mm, 12mm, 18mm, 24mm



EXCELLENT
SOUND ABSORPTION



ECO FRIENDLY
& RECYCLABLE



MODERN
V-GROOVE DESIGN



DURABLE
& LONG LASTING



EASY TO INSTALL
& MAINTAIN



PRODUCT CHARACTERISTICS



- 1 **SLOTTED PET SOUND-ABSORBING BOARD DESIGN** provides high sound-absorbing effect. The panel can be used in a variety of applications, including walls, ceilings, and floors. Suitable for home or office use, these panels feature an attractive appearance that can be combined with most decorative styles.



- 2 **EXCELLENT ACOUSTIC CHARACTERISTICS**, making it a more cost-effective choice for smaller rooms. They help control indoor noise, reduce reverberation, and provide dry acoustics for better performance. The slot design also helps to improve the overall strength of the panel, ensuring durability and higher stiffness than solid walls.



- 3 **USE OUR SLOTTED PET SOUND-ABSORBING BOARD** to create a sound-absorbing partition, whether between rooms, cubicles and offices, or around anything you want! They come in all sizes and colors. They are available in a variety of sizes and colors to meet your needs. All our panels are made of recycled PET plastic bottles, 100% recyclable.



- 4 **AS AN IMPORTANT SUPPLEMENT TO ANY SPACE**, our soundproof panels have attractive open braided or slotted side plates to make the air flow freely. Natural and fine's sound effects help bring music into life and improve the overall auditory enjoyment. This smooth and simple panel is ideal for on-site processing in any room and can be placed anywhere for the best audio experience.



- 5 **HIGH PERFORMANCE SLOTTED PET SOUND-ABSORBING PANELS** are now available in a variety of colors, surface treatments and opacity to match any architectural style. The textured surface enhances the acoustic effect, while the combination of colors creates a seamless aesthetic appearance. This hard material also provides **excellent wear absorption performance** and is **the best choice for outdoor applications**. Grooved pet sound-absorbing board is lightweight and easy to install ultra quiet wall material, which has good sound-absorbing and sound noise elimination functions. The unique combination of density and unique ridge frame design create an air space behind the panel, which can effectively absorb sound by preventing sound reflection and reverberation.



HIGH ACOUSTIC PERFORMANCE



REDUCES NOISE & REVERBERATION



ECO FRIENDLY & RECYCLABLE



DURABLE, LIGHTWEIGHT & MOISTURE RESISTANT



AVAILABLE IN MULTIPLE COLORS & FINISHES





6. INSTALLATION

MOUNTING OPTIONS:

- Direct wall mounting with adhesives or screws
- Ceiling suspension or T-grid systems
- Z-clips or Velcro for removable panels



LIGHTWEIGHT: Easy to handle and install



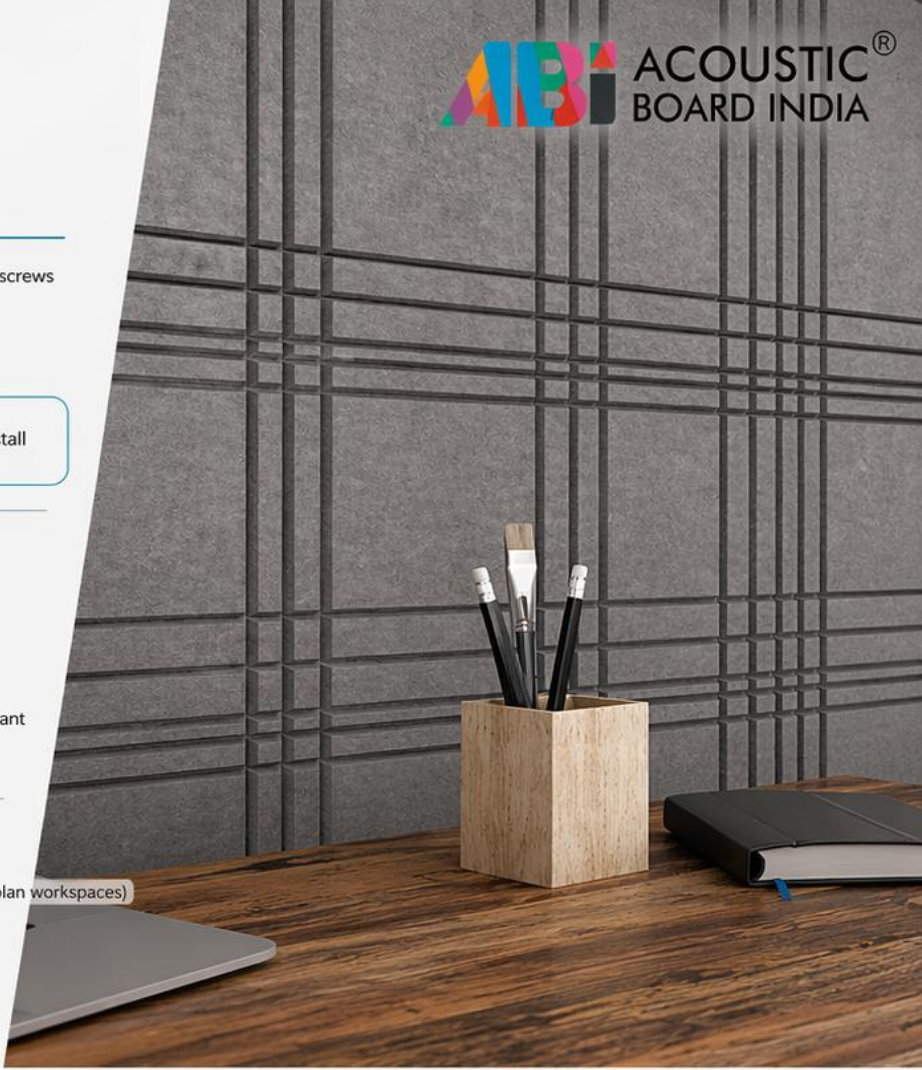
7. ADVANTAGES

- High acoustic performance
- Visually appealing with 3D texture
- Sustainable and safe
- Durable, lightweight, and moisture-resistant
- Low maintenance



USE CASES

- Corporate offices (meeting rooms, open-plan workspaces)
- Home theaters and media rooms
- Educational institutions
- Public venues (libraries, auditoriums)
- Hospitality (hotels, restaurants)



HIGH ACOUSTIC
PERFORMANCE



VISUALLY APPEALING
3D TEXTURE



SUSTAINABLE
& SAFE



DURABLE &
MOISTURE RESISTANT



LOW
MAINTENANCE

ABI – V GROOVED DESIGN PATTERNS

Our V-grooved acoustic PET panels come in a wide range of modern patterns, adding aesthetic appeal and enhancing acoustic performance across any space.



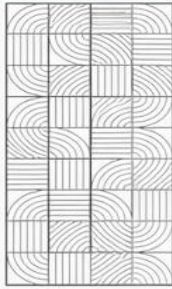
V-GROOVED PATTERN COLLECTION



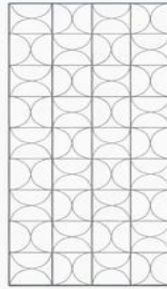
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ABI -1003



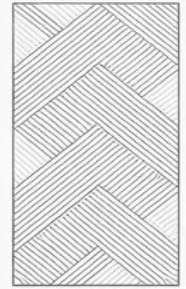
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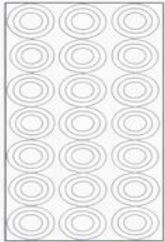
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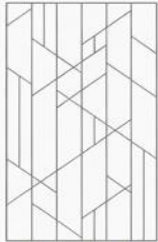
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ABI -1007



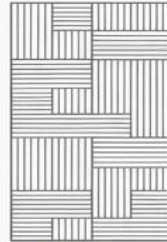
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ABI -1009



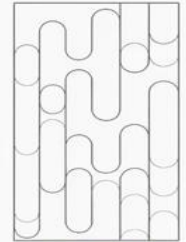
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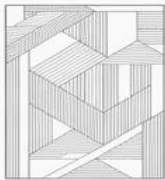
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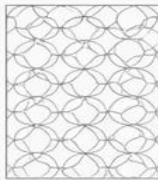
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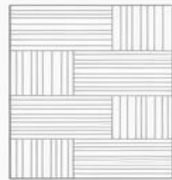
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ABI -1026



ABI -1027



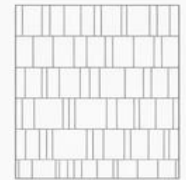
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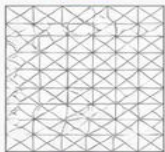
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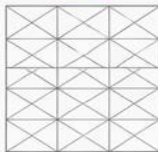
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ABI -1031



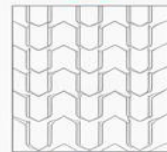
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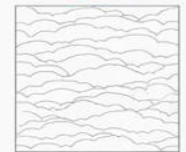
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ABI -1036



ABI -1037



ABI - V GROOVED DESIGN PATTERNS

Our V-grooved acoustic PET panels come in a wide range of modern patterns, adding aesthetic appeal and enhancing acoustic performance across any space.



ENHANCES ACOUSTIC PERFORMANCE



ECO FRIENDLY & RECYCLABLE

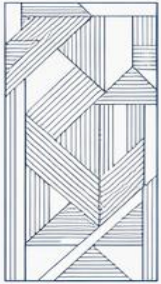


DURABLE & LONG LASTING



EASY TO INSTALL & MAINTAIN

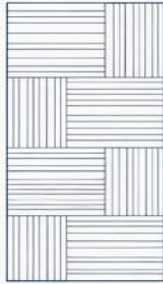
V-GROOVED PATTERN COLLECTION



ABI -1038



ABI -1039



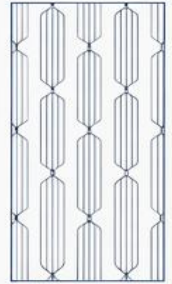
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ABI -1041



ABI -1042



ABI -1043



ABI -1050



ABI -1051



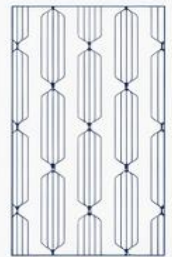
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ABI -1053



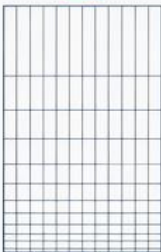
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ABI -1055



ABI -1056



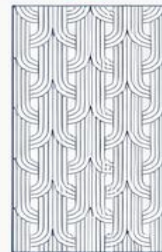
ABI -1057



ABI -1058



ABI -1059



ABI -1060



ABI -1061



BETTER ACOUSTICS



WIDE RANGE OF MODERN DESIGNS



ECO FRIENDLY & RECYCLABLE



DURABLE & LONG LASTING



EASY TO INSTALL & MAINTAIN

ABI - V GROOVED DESIGN PATTERNS

Our V-grooved acoustic PET panels come in a wide range of modern patterns, adding aesthetic appeal and enhancing acoustic performance across any space.



ENHANCES
ACOUSTIC
PERFORMANCE



ECO FRIENDLY
& RECYCLABLE



DURABLE
& LONG LASTING

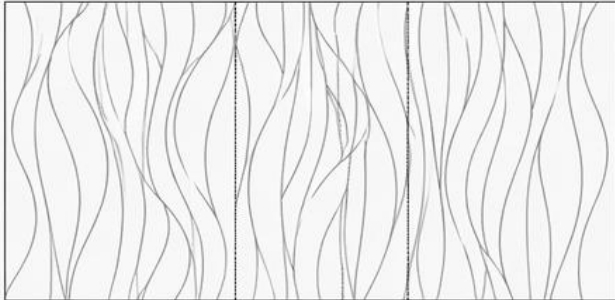


EASY TO INSTALL
& MAINTAIN



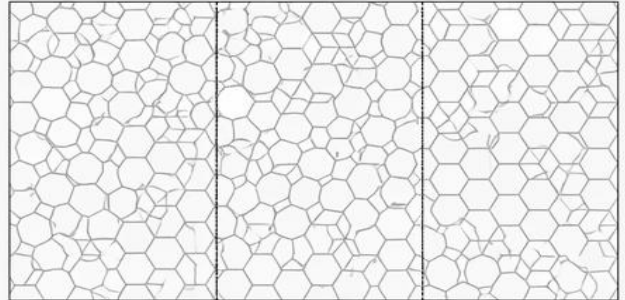
V-GROOVED FAME PATTERN COLLECTION

(a) (b) (c)



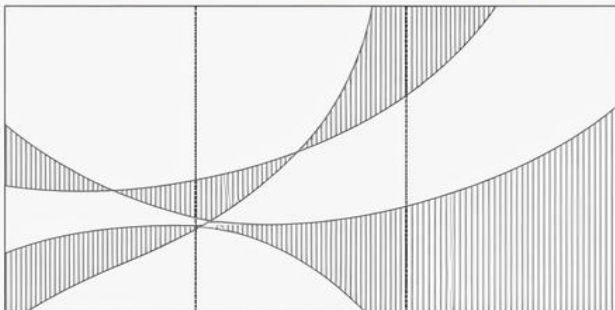
ABI - FAME 2095

(a) (b) (c)



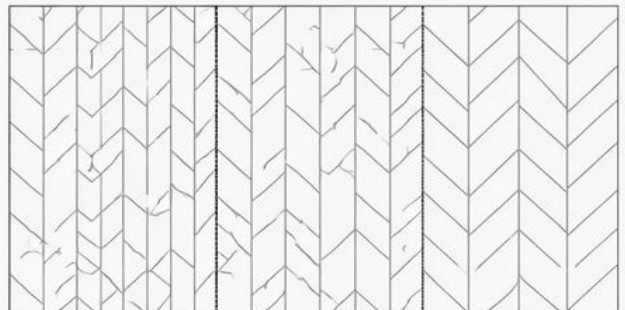
ABI - FAME 2031

(a) (b) (c)



ABI - FAME 2046

(a) (b) (c)



ABI - FAME 2052



BETTER
ACOUSTICS



MODERN &
AESTHETIC DESIGNS



ECO FRIENDLY
& RECYCLABLE



DURABLE &
LONG LASTING



EASY TO INSTALL
& MAINTAIN

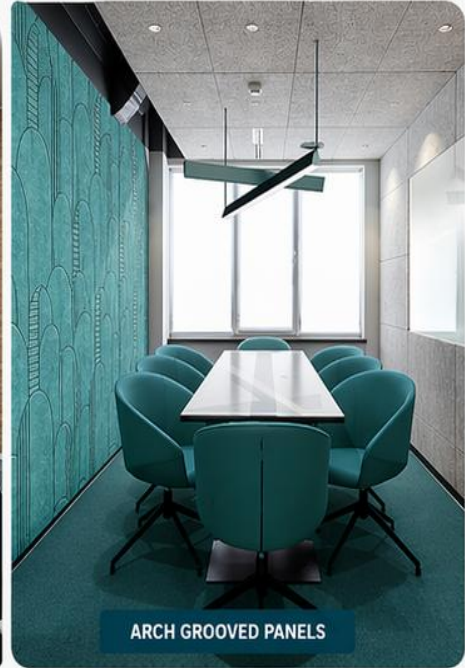
ABI – GROOVED ACOUSTIC PANELS

DESIGN. ABSORB. ELEVATE.

Grooved acoustic panels combine exceptional sound absorption with striking visual appeal. The precision grooved patterns add texture, rhythm and elegance to any space while enhancing acoustic comfort.



GEOMETRIC GROOVED PANELS



ARCH GROOVED PANELS

-  HIGH ACOUSTIC PERFORMANCE
-  CUSTOM DESIGNS
-  DURABLE & LIGHTWEIGHT
-  EASY INSTALLATION



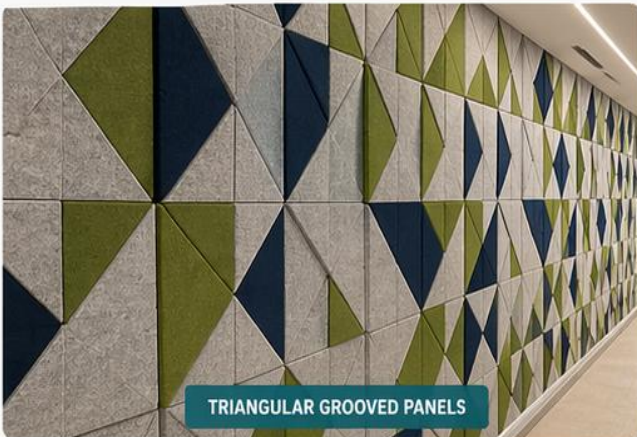
CURVE GROOVED PANELS



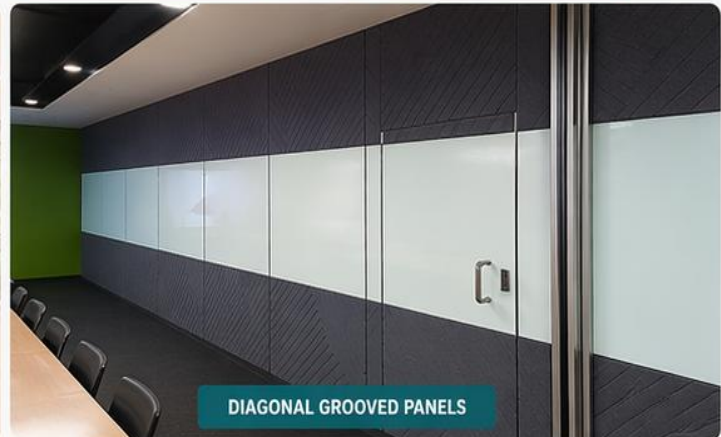
LINEAR GROOVED PANELS



ARTISTIC GROOVED PANELS



TRIANGULAR GROOVED PANELS



DIAGONAL GROOVED PANELS



ACOUSTIC BOARD INDIA: PREMIUM ACOUSTIC SOLUTIONS

— ● ENHANCE SOUND QUALITY, ELEVATE YOUR SPACE. ● —

WIDE RANGE OF COLORS



Noise Control | Sound Barriers | Sound Absorbers
Building Acoustics | Sound isolation material |
Reverberation Controllers

THICKNESS AVAILABLE ABI-12 MM



PRINTED SERIES



GROOVED SERIES



SUPERIOR SOUND ABSORPTION:
NRC ratings up to 0.95



ECO-FRIENDLY MATERIAL:
Recyclable polyester fiber



DURABLE & EASY INSTALLATION:
Lightweight and fire-retardant



WIDE COLOR SELECTION:
24 vibrant options



APPLICATIONS:
Offices, Studios, Auditoriums, Homes

IDEAL FOR



OFFICES



STUDIOS



AUDITORIUMS



HOMES



BETTER
ACOUSTICS



ECO
FRIENDLY



DURABLE &
LIGHTWEIGHT



EASY TO INSTALL
& MAINTAIN



Due to printing limitations, shade/color may vary from actual product.
Shade variation among panels may occur for different batches of the same product



Note: - Contact us for any further assistance
on our product range or visit our website :-
www.acousticboardindia.com








ABI ACOUSTIC[®]
BOARD INDIA

WOODEN GROOVED & PERFORATED ACOUSTICAL SLAT

www.acousticboardindia.com

WOODEN PERFORATED ACOUSTIC PANELS

-  ACOUSTICS
-  PANELING
-  CEILING
-  FLOORING
-  PARTITION

ABI- ACOUSTIC BOARD INDIA is in to the manufacturing of a wide series of wall and ceiling acoustical products along with turnkey solutions to each and every requirement with a diverse range in styles and materials for both interior and exterior environments that features classic and elegant concepts.

FIND OUT MORE

www.acousticboardindia.com



ACOUSTICBOARDINDIA_



WOODEN PERFORATED ACOUSTIC PANELS

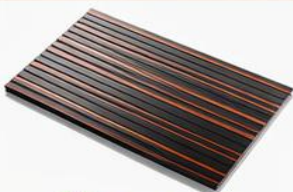


MDF / HDF PANELS

ABI WOODEN PERFORATED ACOUSTIC PANELS COMES WITH A THICKNESS OF 12 / 15 / 16 / 18 MM ALONG WITH A DIMENSION OF 2 FT X 4 FT AND 2 FT X 4 FT



Exclusively available through ABI - Acoustic Board India, we use the most cutting edge technology to manufacture our wood-based products and engineer custom designed acoustic products for our clients. Most importantly, we provide highly value-for-money solutions. One of our key benefits we offer to our clients is the flexibility of creating an acoustically adjusted environment at affordable cost; this can go a long way in allowing architects, our clients, or in any anonymous sound experiences in a variety of settings.



[+ VIEW MORE](#)



[+ VIEW MORE](#)



[+ VIEW MORE](#)



[+ VIEW MORE](#)



EXCELLENT SOUND ABSORPTION
NRC ratings up to 0.95



ECO FRIENDLY & SUSTAINABLE
Recyclable material



DURABLE & LONG LASTING
High quality & long life



EASY TO INSTALL & MAINTAIN
Lightweight & hassle-free



WIDE RANGE OF DESIGNS
Customizable options

BETTER ACOUSTICS • BETTER SPACES • BETTER LIVING



Due to printing limitations, shade/color may vary from actual product.
Shade variation among panels may occur for different batches of the same product.



Note: - Contact us for any further assistance on our product range or visit our website :-
www.acousticboardindia.com

WOODEN PERFORATED

ACOUSTIC PANELS

-  ACOUSTICS
-  PANELING
-  CEILING
-  FLOORING
-  PARTITION

ABI- ACOUSTIC BOARD INDIA is in the manufacturing of a wide series of wall and ceiling acoustical products along with turnkey solutions to each and every requirement with a diverse range in styles and materials for both interior and exterior environments that features classic and elegant concepts.

FIND OUT MORE

www.acousticboardindia.com



ACOUSTICBOARDINDIA



GROOVED PANEL



PERFORATED PANEL



SLOT PANEL



SLOTTED PANEL

ABI – WOODEN GROOVED PERFORATED ACOUSTIC PANELS

ABOUT US



We are as Acoustic Board India deals with acoustical wall panels, soundproof ceiling tiles, soundproofing panels, studio soundproofing, sound absorbing panels for office and provide all kinds of acoustic solutions within the space. Our acoustic boards are so colorful can reduce the reverberation sounds and echo level within the space.

Innovative product development is a major focus of our business. On an on-going basis, our in-house specialists focus on improving the outcome of sound performance while setting our specifications within the ISO and ATSM standard requirements. We strive to create aesthetically appealing high-end series products with characteristics in the designs that meet the needs of metropolitan lifestyle.

- Our experience of working with architectural designers in providing long term solution for various environmental settings has enabled us to develop high quality and durable materials in our acoustic products to withstand the impact of long-term physical deterioration.
- Exclusively available through Acoustic Board India , we use the most cutting edge technology to manufacture our one-of-a-kind products and integrate custom designed acoustic products for our clients.
- Most importantly, we provide highly value customer satisfaction. One of the key benefits we uphold for our clients is the feasibility of creating an acoustically adjusted environment at affordable cost. With our top of-the-line series of acoustic products, our clients can enjoy symphonic sound experiences in a variety of settings.



EXCELLENT SOUND ABSORPTION
NRC ratings up to 0.95



ECO FRIENDLY & SUSTAINABLE
Recyclable material



DURABLE & LONG LASTING
High quality & long life



EASY TO INSTALL & MAINTAIN
Lightweight & hassle-free



WIDE RANGE OF DESIGNS
Customizable options



SOUND ABSORPTION



FIRE RESISTANT



ECO FRIENDLY



100% TERMITE PROOF



DURABLE & LONG LASTING



ACOUSTIC QUALITY

THE NATURAL CHOICE FOR BETTER ACOUSTICS. BEAUTIFUL SPACES.

We offers the warmth and beauty of wood in a wide variety of standard and custom shapes, sizes, finishes, and perforations in veneers and solid wood finishes.



THE IMPACT OF POOR ACOUSTICS



Poor acoustics can be detrimental to the functionality of a space through a compromised listening experience, ineffective communication, difficulty with concentration, occupational stress, health issues, and ultimately a diminished experience at work, leisure, education, entertainment and in healthcare.

THE VALUE OF GOOD ACOUSTICS



In contrast, every building has the potential to foster good health, promote wellness, increase capacity to work and ultimately enhance the user's experiences. Architects want to deliver buildings that provide lasting value to their users, with an increased emphasis on how a building is experienced, rather than just on how it looks.

ACOUSTICS – A CRITICAL DESIGN CONSIDERATION



This experiential approach combined with new regulations has seen acoustics become recognized as a critical functional consideration in architecture.

ACOUSTIC BOARD INDIA have delivered on high end acoustic projects across multiple sectors.



ENHANCED ACOUSTICS

Reduce noise & echo effectively



NATURAL & SUSTAINABLE

Real wood beauty with eco-friendly choices



DURABLE & LONG LASTING

High performance for years to come



VERSATILE APPLICATIONS

Suitable for walls, ceilings & partitions



CUSTOM OPTIONS AVAILABLE

Wide range of shapes, finishes & perforations

DESIGN SPACES. CONTROL SOUND.

A perfect blend of aesthetics
and acoustic performance.

PERFORATED & GROOVED

ACOUSTIC WOODEN SLATS & WALL PANELS

Sound Beautiful. Live Better.



PERFORATED PANELS

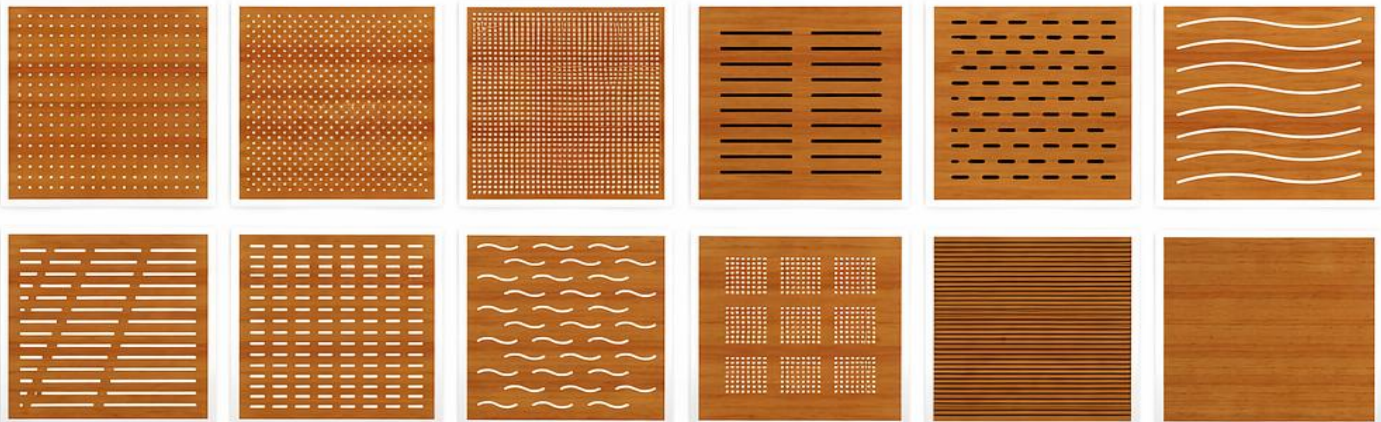
Precision perforations for superior sound absorption and elegant interiors.



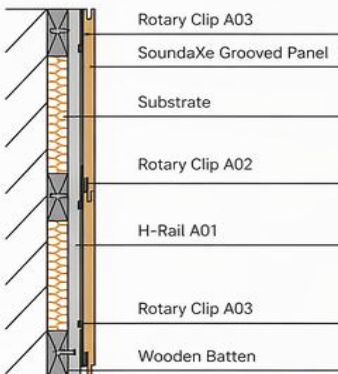
GROOVED PANELS

Stylish grooves for improved acoustics and contemporary design impact.

DESIGN VARIETY



SECTION DETAIL



PRODUCT FEATURES



EXCELLENT
SOUND ABSORPTION



FIRE RETARDANT
& SAFE



ECO FRIENDLY
MATERIALS



EASY TO INSTALL
& MAINTAIN



MULTIPLE FINISHES
& DESIGNS

AVAILABLE FINISHES & COLORS



MULTIPURPOSE
HALLS



DANCE & MUSIC
ROOMS



FUNCTION
ROOMS



MEETING & SEMINAR
ROOMS



PREMIUM FINISH
FOR EVERY SPACE

PERFORATED & GROOVED

ACOUSTIC WOODEN SLATS & WALL PANELS

Better Acoustics. Beautiful Spaces.

BENEFITS DETAILS

-  Moisture resistant to give better dimension stability.
-  Enables designers to create rich and warm any interior requirement.
-  Easy to install on Wall & Ceiling area.
-  Enhanced acoustical properties with wide design range.
-  Transition from Wall to Ceiling
-  Offered in wooden & solid textures.
-  Improved acoustics with black fleece at the back.

APPLICATIONS



 AIRPORTS	 ASSEMBLIES	 AUDITORIUM	 BANKS	 CINEMA	 CLUBS
 CONVENTION CENTERS	 DEFENSE	 EDUCATION	 HEALTHCARE	 HOMES HOSPITALITY	 INDUSTRIAL
 JUDICIAL	 MALLS	 MUSEUM	 ARTS	 OFFICES	 POLICE
 PUBLIC ADMINISTRATION	 STATIONS	 STUDIOS	 WORSHIP	 SPORTS	 STADIUM



SUPERIOR ACOUSTICS

Better sound absorption



ECO FRIENDLY & SUSTAINABLE

Environmentally responsible



DURABLE & LONG LASTING

High strength & long life



EASY TO INSTALL & MAINTAIN

Time saving & hassle free



WIDE RANGE OF DESIGNS

Multiple styles, finishes & perforations

GROOVED ACOUSTIC PANELS

SPECIFICATIONS

The ABI – ACOUSTIC BOARD INDIA acoustic panel consists of a high density panel with grooves or perforations on the surface and perforated holes on the backing, typically finished with acoustic tissue on the base layer.

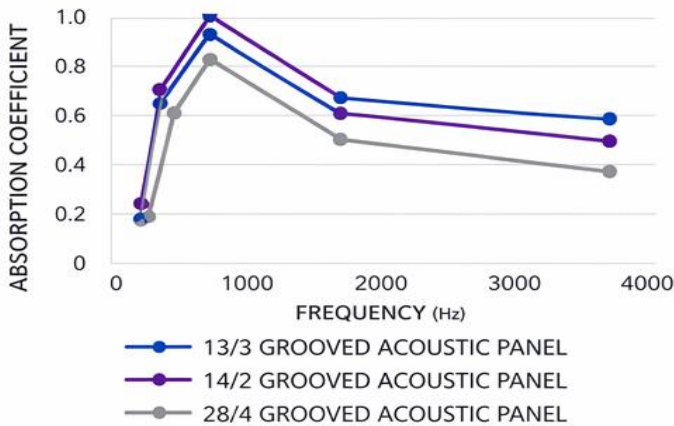
It provides great acoustic performance for medium to low frequencies. The acoustic performance for high to medium frequencies is improved through the use of glass wool or polyester wool as an additional backing layer.

APPLICATIONS

Multipurpose halls, Dance & Music rooms, Function Rooms, Meeting & Seminar Rooms

Available Finishes: Spray Paint, Melamine, Wood Veneers, High Pressure Laminates

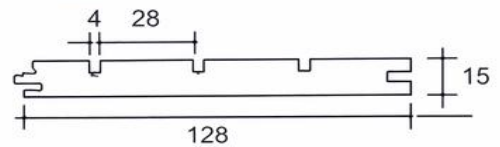
ACOUSTIC PERFORMANCE



TECHNICAL SPECIFICATIONS

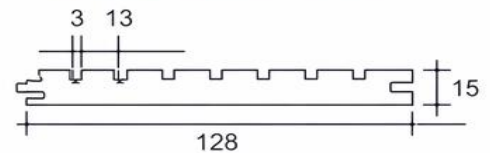
Width:	128 or 197 mm
Length:	2440 mm
Thickness:	15mm or 18mm
Panel Types:	Fire Retardant MDF & HDF
Standard Models:	59/5, 60/4, 28/4, 29/3, 13/3, 14/2

28/4 GROOVED



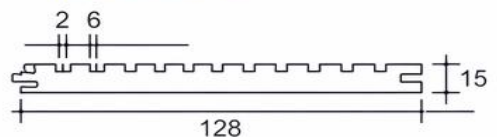
28/4 Perforated Rate 9%

13/3 GROOVED



13/3 Perforated Rate 12.8%

6/2 GROOVED



6/2 Perforated Rate 12.37%

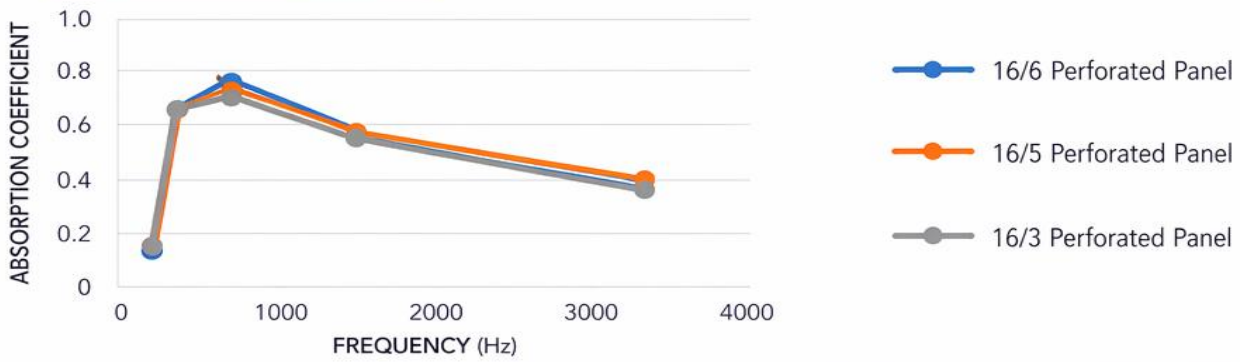
PERFORATED ACOUSTIC PANELS

A perfect blend of aesthetics and performance for walls & ceilings

SPECIFICATIONS

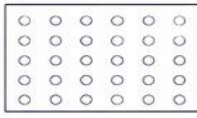
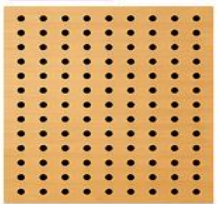
Dimensions: 600x600mm or 600x1200mm | Thickness: 12, 15mm or 18mm | Panel Types: Fire Retardant MDF & HDF

ACOUSTIC PERFORMANCE



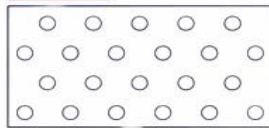
PERFORATION PATTERNS & OPTIONS

16/6



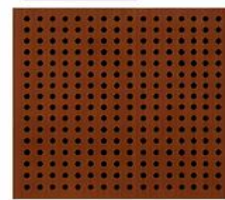
Item: Hole Through E16/6
Perforated Rate 12.5%

16/5



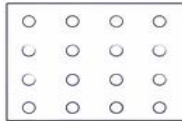
Item: Hole Through V16/5
Perforated rate 12%

16/3



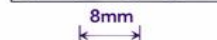
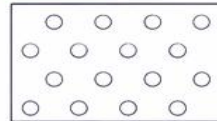
Item: big A3 Small Hole E16/3-10
Perforated Rate 2.8%

8/3



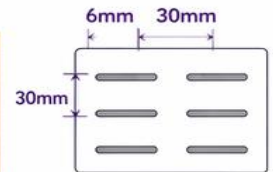
Item: Hole Through E8/3-8
Perforated Rate 4.2%

8/5



Item: Hole Through V8/5-8
Perforated Rate 6%

Slot 30-6



Item: U Shape Hole 60-30-6
Perforated Rate 2%



EXCELLENT SOUND ABSORPTION
Reduce echo & noise effectively



FIRE RETARDANT & SAFE
Made from fire retardant MDF & HDF



ECO FRIENDLY MATERIALS
Sustainable & environmentally responsible



EASY TO INSTALL & MAINTAIN
Lightweight panels for quick installation



MULTIPLE FINISHES & DESIGNS
Wide variety of patterns to match every space



Note: Due to printing limitations, shade/color may vary from actual product.

For any further assistance on our product range or visit our website :- www.acousticboardindia.com



QUALITY PRODUCT



SOUND ABSORPTION



FIRE RESISTANCE



DECORATIVE AESTHETICS



ACOUSTIC[®]
BOARD INDIA

PERFORATED & GROOVED WOODEN SLATS & WALL PANELS

Better Acoustics. Beautiful Spaces.



PERFORATED PANELS

Precision perforations for superior sound absorption and elegant interiors.



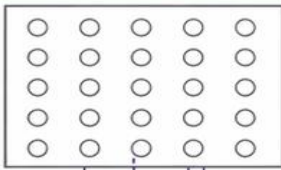
GROOVED PANELS

Stylish grooves for improved acoustics and contemporary design impact.



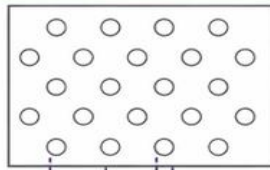
THREE PERFORATION STYLES

E SHAPE



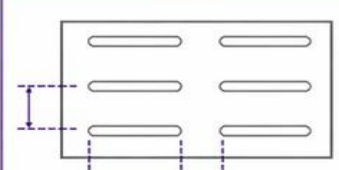
16mm 6mm

V SHAPE



16mm 6mm

U SHAPE



30mm

6mm

60mm 30mm



ACOUSTIC PERFORMANCE

Effectively reduces noise & echo



ECO FRIENDLY MATERIALS

Sustainable & safe for environment



EASY TO INSTALL & MAINTAIN

Lightweight panels for quick installation



PREMIUM FINISH & DESIGN

Enhances the beauty of any interior

AVAILABLE FINISHES



Maple



Beech



Oak



Teak



Cherry



Walnut



Wenge



White Oak



Grey Oak



Black Walnut

BETTER ACOUSTICS • BETTER SPACES • BETTER LIVING

ABI PERFORATED & GROOVED WOODEN SLATS

PREMIUM ACOUSTIC WALL & CEILING PANELS

8FT LENGTH x 132MM WIDTH - INTERLOCKING SYSTEM

ENHANCED ACOUSTICS
Reduces noise & controls reverberation

ELEGANT DESIGNS
Perforated & grooved patterns to elevate any space

EASY INTERLOCKING
Seamless installation with secure interlocking system

SUSTAINABLE & DURABLE
Eco-friendly material with long-lasting performance



AUDITORIUMS

OFFICES

STUDIOS

METRO STATIONS

REDUCE NOISE LEVELS & CONTROL REVERBERATION
IDEAL FOR AUDITORIUMS, OFFICES, STUDIOS, EDUCATION, METRO STATIONS & MORE

SUPERIOR ACOUSTICS
Better sound absorption

ECO FRIENDLY & SUSTAINABLE
Environmentally responsible

DURABLE & LONG LASTING
High strength & long life

EASY TO INSTALL & MAINTAIN
Time saving & hassle free

WIDE RANGE OF DESIGNS
Multiple styles, finishes & patterns

acousticboardindia.com

COLOUR SELECTION



Due to printing limitations, shade/color may vary from actual product.
Shade variation among panels may occur for different batches of the same product.

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WIDE RANGE OF COLOURS & FINISHES
To match every space



PREMIUM QUALITY MATERIAL
Strong, durable & reliable



ECO FRIENDLY CHOICE
Sustainable & safe



CUSTOM SOLUTIONS AVAILABLE
As per your requirements



ABI WOOD WOOL ACOUSTIC PANELS

Natural texture. Superior acoustics.
Timeless design.



**EXCELLENT
SOUND ABSORPTION**
Reduces noise &
controls reverberation



**ECO FRIENDLY
& SUSTAINABLE**
Made from natural
wood wool & cement



**DURABLE
& LONG LASTING**
Strong, impact resistant
& moisture resistant



**AESTHETIC
& VERSATILE**
Enhances interiors with
a unique natural finish



**EASY TO INSTALL
& MAINTAIN**
Lightweight panels for
quick installation

FEATURES



High Sound Absorption
NRC up to 0.85



Fire Retardant
Safe & compliant



Moisture & Humidity Resistant
Suitable for various environments



Natural & Non-Toxic
Safe for health & eco-friendly



Lightweight & Strong
Easy handling & long lasting

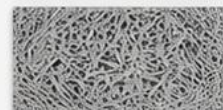
APPLICATIONS



AVAILABLE FINISHES



NATURAL WHITE



GREY



CHARCOAL



BEIGE



BETTER ACOUSTICS • BETTER SPACES • BETTER LIVING

INTRODUCING OUR WOOD WOOL ACOUSTIC BOARDS



Crafted by compressing and binding natural wood fibers, ABI Wood Wool Acoustic Panels deliver **high quality and high performance** used in buildings around the world for decades.



Advanced manufacturing techniques ensure our panels meet today's stringent building regulations and standards, making them suitable for new innovative applications.



These panels provide excellent acoustics, fire resistance and thermal insulation. Trusted in auditoriums and cinemas for over 80 years, they remain the preferred solution.



Durable, long lasting and low maintenance, our panels help reduce energy consumption and comply with environmental legislation, adding lasting value to every space.



OUR PRODUCT MANAGEMENT PRINCIPLES



Products of the
Highest Quality



Reliable
Performance



Led by
Innovation



Continually
Evolving



Durable and
Long Lasting



First-class
Support



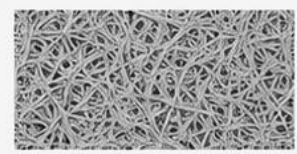
ABI ACOUSTICS WOOD WOOL

panels are an outstanding choice for a wide range of applications, making them one of the best **all-in-one, no-compromise solutions** you will find.

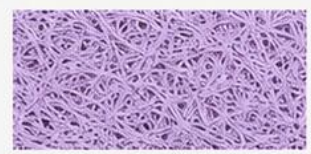
Our panels fully meet sustainability requirements and have a record of **excellent performance** in many high temperature, high humidity environments.



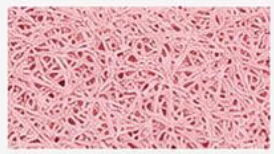
NATURAL BEIGE



GREY



LAVENDER



PINK



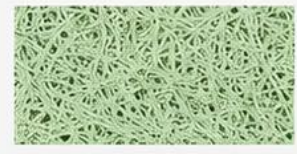
WATER BLUE



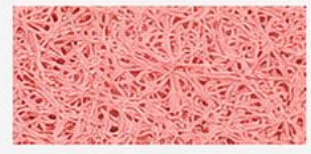
WOOD WOOL FIBER

FOR ACOUSTIC & AESTHETIC DECORATION

ECO-DESIGN ALL IN ONE



MINT GREEN



CORAL PINK



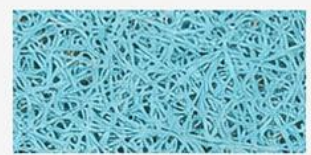
NATURAL WOOD



YELLOW



IVORY WHITE



SKY BLUE



BETTER ACOUSTICS



BETTER SPACES



BETTER LIVING



PRODUCT SPECIFICATIONS

PRODUCT	DATA
Finish	ABI Wood Wool
Core	Woodfibre
Thickness (mm)	10, 15, 20, 25, 35, 40, 50
Size (mm)	595x595 / 1195, 600x600 / 1200
Density (Kg/m ³)	400
Weight (Kg/m ²)	4, 6, 8, 10
Fire (Class)	A 1
NRC (25 mm)	UP TO 0.9
Thermal (W/mk)	0.07
Climate (°C, RH)	50,90
Light (%)	White: 80, Black: Low light reflectivity & colour dependant
Green (VoC, RC%)	LOW ,35
Warranty (Years)	5
Maintenance	Brush, wipe, Vacuum



NATURAL BY CHOICE

Made from natural wood fibers.



ACOUSTIC BY DESIGN

Excellent sound absorption performance.



BUILT TO LAST

Durable, fire resistant and long lasting.



SUSTAINABLE FOR FUTURE

Eco-friendly panels for a better tomorrow.



BETTER ACOUSTICS



BETTER SPACES



BETTER LIVING



FABRIC ACOUSTIC RANGE



PREMIUM FABRICS

Curated high quality
fabric collection



ACOUSTIC EXCELLENCE

Designed for superior
sound absorption



DURABLE & RELIABLE

Long lasting performance
you can trust



DESIGN FLEXIBILITY

Wide range of textures,
colors & finishes



About ABI – Acoustic Board India

Established in 2013, **ABI Acoustic Board India** is a trusted name in the field of acoustics, specializing in the **manufacturing and import of premium acoustic products** for both wall and ceiling applications. Over the years, we have built a strong reputation for delivering innovative, high-quality, and cost-effective acoustic solutions that enhance sound quality and create the right ambience across diverse environments.



END-TO-END TURNKEY SOLUTIONS

We provide **end-to-end turnkey solutions** for a wide range of projects including auditoriums, multipurpose halls, home theaters, conference rooms, cinemas, studios, and other specialized spaces where superior acoustic performance is essential. Our expertise lies not only in supplying world-class products but also in offering complete project execution – from design and supply to installation and finishing.



At ABI, we are committed to combining **technical excellence** with **modern design** to meet the unique requirements of architects, interior designers, and project owners. Our mission is to ensure that every space we work on achieves the perfect balance of aesthetics and functionality, making sound clarity and comfort our top priority.



ABI Acoustic Board India offers premium **fabric-wrapped acoustic panels** made from high-density **polyester fiber acoustic boards**, designed to deliver exceptional sound absorption along with an elegant finish. Available in a range of **thicknesses and dimensions**, these panels can be customized to suit the acoustic and aesthetic needs of any space. The fabric wrapping not only enhances the look with a choice of textures and colors but also ensures durability and seamless integration with interior designs. Ideal for **auditoriums, conference rooms, home theaters, offices, and multipurpose halls**, ABI fabric acoustic panels strike the perfect balance between performance and visual appeal, making them one of our most versatile and in-demand acoustic solutions.



PREMIUM FABRICS
Curated high quality fabric collection



ACOUSTIC EXCELLENCE
Designed for superior sound absorption



DURABLE & RELIABLE
Long lasting performance you can trust



DESIGN FLEXIBILITY
Wide range of textures, colors & finishes

SPECIALIST IN DOING



MULTI PURPOSE HALL ACOUSTICS



INDOOR STADIUM ACOUSTICS



MEETING ROOM ACOUSTICS



HOME THEATER ACOUSTICS



AUDITORIUM ACOUSTICS



CLASS ROOM ACOUSTICS



CORPORATE ACOUSTICS



MULTIPLEX ACOUSTICS



STAGE ACOUSTICS



SUPERIOR ACOUSTICS

Enhancing sound quality in every space



CUSTOM SOLUTIONS

Tailored for every requirement



PROVEN EXPERTISE

Years of experience in acoustic excellence



WIDE RANGE OF APPLICATIONS

Solutions for every environment

ABI Acoustic Board India -

Fabric-Wrapped PET Acoustic Panels

Elevate Sound Quality with Style

ABI Acoustic Board India introduces our premium fabric-wrapped PET Acoustic Panels, designed to enhance the acoustic quality of any space while adding a sophisticated, modern touch to your interiors. Made from high-performance, environmentally friendly PET (Polyethylene Terephthalate) material, these panels offer exceptional sound absorption and noise reduction properties, ensuring clarity and comfort in both residential and commercial settings.



KEY FEATURES



High-Performance Sound Absorption

Effectively dampens unwanted noise, echoes, and sound distortion, creating a cleaner, more balanced acoustic environment.



Durable & Eco-Friendly

Crafted from recycled PET, these panels are not only eco-conscious but also incredibly durable, making them a long-lasting solution for any soundproofing need.



Customizable Fabric Options

Our acoustic panels come wrapped in a wide range of high-quality, stain-resistant fabric choices, giving you the flexibility to match any décor or style.



Sleek & Stylish

The fabric wrap ensures a smooth, aesthetic finish that blends seamlessly with your space, making them ideal for offices, studios, homes, and more.



Easy Installation

Lightweight and user-friendly, these panels can be easily mounted on walls or ceilings, ensuring a hassle-free setup.



Safe & Non-Toxic

The materials used are free from harmful chemicals, making them safe for use in all environments, including schools, hospitals, and homes.



PERFECT FOR:



Home Theaters



Conference Rooms



Educational Institutions



Cafes & Restaurants



Multipurpose Halls



Offices & Call Centers



Recording Studios

At ABI Acoustic Board India, we believe in combining functionality with design to provide sound solutions that don't compromise on aesthetics. Trust our fabric-wrapped PET Acoustic Panels for a premium, sustainable, and effective approach to noise control.



Better Acoustics



Better Spaces



Better Living



ABI – FABRIC ACOUSTIC PANELS



In confined spaces with a high number of people, it is essential to guarantee the **right acoustic comfort**. In the event that you want or insist on materials that lack significant acoustic absorption levels, it will then be necessary to intervene during the furniture design phase to integrate sound-absorbing material and to ensure that the environment is acoustically comfortable.



An effective distribution of sound-absorbing panels ensures an even distribution of sound throughout the room, significantly **reducing reverberation times**. Acoustic Board India sound-absorbing panels are the ideal solution both for large areas such as airports, universities and gyms and for smaller spaces such as restaurants, offices or homes.



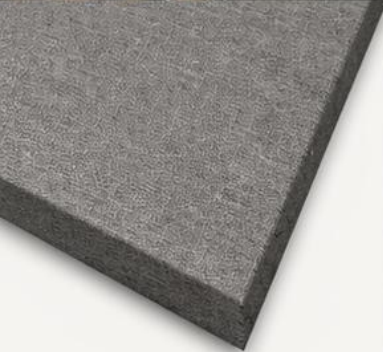
Prefabricated fabric wrapped acoustic panels are the ideal **economical solution** for treating noisy reverberant spaces. With a wide array of fabric selections, edge details, and finishes, fabric wrapped acoustic panels offer both aesthetic versatility and acoustic performance, making them visually appealing as well as functional.



Fabric wrapped acoustic panels can be used on both **walls and ceilings** in the form of flat panels, curved panels, clouds, and baffles. Today's modern CNC technology allows for fabric wrapped acoustic panels to be cut precisely into various shapes and sizes, allowing for unlimited creativity and design.



For more information, please visit www.acousticboardindia.com



ABI – FABRIC ACOUSTIC PANELS BENEFITS



Economical and Versatile



Wide Array of Fabric Selections



Provides Superior Acoustic Absorption



Fiberglass & Formaldehyde Free Core



57% Pre-Consumer Recycled Content



ASTM-E Class A Fire Rating



Available in Custom Sizes, Shapes, and Edge Detail



Aesthetic Appeal



Functional Performance



Noise Control



Sustainable Solution



Single Polyester Fabric

Thick Polyester Fiber Board (PET)

Premium Fabric Finish

IDEAL FOR SPACES SUCH AS



HOME THEATERS



CONFERENCE ROOMS



AUDITORIUMS



CLASSROOMS



RESTAURANTS



OFFICES

Ideal for spaces such as home theaters, offices, conference rooms, auditoriums, classrooms, and restaurants, these acoustic panels provide an **eco-friendly, efficient, and visually appealing** soundproofing solution. All materials are compliant with both Indian and international standards for acoustic performance and fire safety, making them a reliable choice for your soundproofing needs.



SUPERIOR ACOUSTIC ABSORPTION

Enhances sound quality and reduces noise



SUSTAINABLE & ECO-FRIENDLY

Recycled content, non-toxic and safe for all spaces



DURABLE & LONG LASTING

Engineered for excellent performance over time



EASY TO INSTALL

Lightweight panels for quick and easy setup



SUITABLE FOR ALL SPACES

From large halls to small rooms and homes



ABI – FABRIC ACOUSTIC PANELS

Engineered for Premium Sound Experiences

Designed for high-performance acoustic environments, ABI fabric acoustic panels deliver superior sound absorption, refined aesthetics, and enhanced listening clarity—perfect for home theatres, studios, and premium interiors.

TECHNICAL SPECIFICATIONS



PANEL COMPOSITION
Fabric + PET Core



NRC
0.95



FIRE RATING
ASTM E84 Class A
EN 13501 Class B



DENSITY
High-performance PET



ABSORPTION RANGE
150Hz – 10,000Hz



DIFFUSION RANGE
700Hz – 3000Hz



INSTALLATION
Easy wall / ceiling mount



ECO RATING
E0 / Low VOC



IDEAL FOR



HOME THEATRES



RECORDING STUDIOS



MEDIA ROOMS



PREMIUM RESIDENCES

KEY BENEFITS



Superior Sound Absorption
Reduces unwanted noise and enhances clarity.



Elegant Fabric Finish
Premium Fabric options to match any interior.



Easy Installation
Lightweight panels for quick and hassle-free setup.



Sustainable Material
Made from eco-friendly PET for a greener future.



BETTER ACOUSTICS



BETTER SPACES



BETTER LIVING

DIMENSIONS:

2 FT x 4 FT

Premium fabric acoustic panels designed for superior sound absorption and elegant interiors.



HIGH SOUND
ABSORPTION



ECO-FRIENDLY
MATERIAL



FIRE RETARDANT
PERFORMANCE



EASY TO INSTALL
& MAINTAIN



ABI - Acoustic Board India
Fabric Acoustic Panels



PRODUCT SPECIFICATIONS

PRODUCT	DATA
Finish	Texture / Fabric / Vinyl
Core	POLYESTER FIBER BOARD
Thickness (mm)	20 MM / 25 MM / 30 MM / 35 MM
Size (mm)	600 x 600 , 600 x 1200 , 600 x 2400
Density (Kg/m ³)	120 - 220
Fire (Class)	A 1
NRC (25 mm)	UP TO 0.8 - 1.0
Thermal (W/mk)	0.07
Climate (°C, RH)	38,90
Light (%)	COLOUR DEPENDENT
Green (VOC, RC%)	LOW / 25
Warranty (Years)	4
Maintenance	Brush, wipe, Vacuum



BETTER ACOUSTICS



BETTER SPACES



BETTER LIVING

PRODUCT COMPARISON

See how ABI Polyester Fiber Acoustic Panels outperform traditional insulation materials.

PROPERTY / CRITERION	ABI POLYESTER FIBER (PET) ACOUSTIC PANELS	ROCKWOOL / MINERAL WOOL	GLASS WOOL / FIBERGLASS WOOL
MATERIAL COMPOSITION	Made from 100% (or high %) polyester fibers (often recycled PET) via hot pressing / non-woven processes	Made from molten rock (basalt, slag, etc.) spun into fibres, sometimes bound with resin / binder	Made from molten glass spun into fibres (silica glass + additives), often bound with resin or binder
DENSITY / MASS PER VOLUME	Typically density ~ 120 to 2 kg/m ³	Moderate densities depending on app. batts, boards	Similar moderate densities depending on product, thickness, binder
THERMAL CONDUCTIVITY / INSULATION (λ)	Generally moderate. good for many applicaroy	Good	Good
ACOUSTIC / SOUND ABSORPTION	Very good, especially over a wide band of frequency	Good	Good
FIRE / FLAME RESISTANCE	Many polyester fibre boards are manufactured to comply with flame retardant / fire	Inert mineral fibre, non-combustible in normal use. Binder decompose	Non-combustible, fibres resist fire, though binder may degrade at high temps
MOISTURE RESISTANCE / WATER ABSORPTION	Polyester is hydrophobic (resists moisture), so less water absorption, good resistance	Somewhat hydrophobic in that fibres do not absorb water, may trap	Similar to rockwool, cause glass fibres generate glass fibres, which can cause
HANDLING / EASE OF INSTALLATION	Lightweight, easy to cut, shape, handle, minimal dust or	More rigid / heavier, cutting produce dust and	Causes irritation to skin e. eyes, resp

KEY DIFFERENTIATORS OF ABI PET PANELS



SAFER FOR INSTALLERS & OCCUPANTS



NO FIBER IRRITATION



LIGHTWEIGHT & STRUCTURALLY STABLE



HIGH ACOUSTIC EFFICIENCY ACROSS FREQUENCIES



SUSTAINABLE & RECYCLABLE MATERIAL

SMARTER. SAFER. SUSTAINABLE.

Polyester fiber acoustic boards from ABI – Acoustic Board India stand out as a superior alternative to traditional rockwool and glass wool infills in fabric acoustic panels. Unlike mineral-based materials that often cause skin irritation, dust release, and respiratory discomfort during handling, ABI's polyester boards are **non-toxic, non-irritant**, and completely safe for installers and occupants alike. Their lightweight yet durable structure ensures easy installation, accurate cutting, and long-term stability without sagging or fiber shedding. Being **hydrophobic**, they resist moisture and mold, guaranteeing consistent performance even in humid conditions. Manufactured from **recycled PET**, ABI polyester fiber boards also support **eco-friendly** construction while delivering exceptional acoustic absorption across a wide frequency range. This combination of safety, sustainability, durability, and high acoustic efficiency makes ABI – Acoustic Board India's polyester fiber boards the **smarter, healthier, and more reliable choice** for fabric acoustic panel infills.



BETTER ACOUSTICS



BETTER SPACES



BETTER LIVING



ENHANCES ACOUSTIC PERFORMANCE

Reduces noise and reverberation effectively.



ECO-FRIENDLY SOLUTION

Made from recycled PET, safe for environment.



FIRE RETARDANT OPTIONS

Available in fire-rated variants for safety.



EASY INSTALLATION & MAINTENANCE

Lightweight, easy to cut, handle and install.



EDGE TYPE

SQUARE



HALF BEVEL



FULL BEVEL



STUDIO & CONTROL ROOMS



MEDIA ROOMS



ARCHITECTURAL APPLICATIONS



Note: Contact us for any further assistance on our product range or visit us at website: www.acousticboardindia.com



BETTER ACOUSTICS



BETTER SPACES



BETTER LIVING



ENHANCES ACOUSTIC PERFORMANCE
Reduces noise and reverberation effectively.



ECO-FRIENDLY SOLUTION
Made from recycled PET, safe for environment.



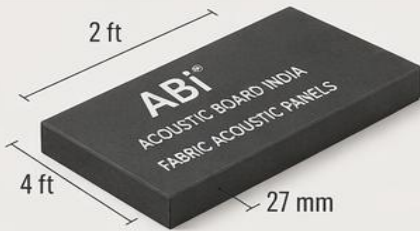
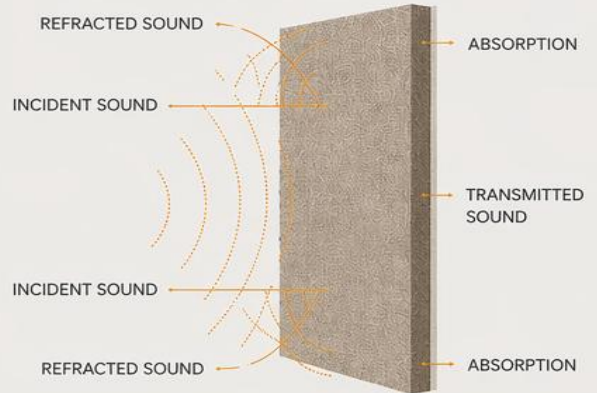
FIRE RETARDANT OPTIONS
Available in fire-rated variants for safety.



EASY INSTALLATION & MAINTENANCE
Lightweight, easy to cut, handle and install.

0.85 NRC
CRAFTED FOR FOCUS

Multiple PET layers disperse sound and can absorb up to 85% of incoming sound energy.



0.9 NRC
Noise Reduction Coefficient



POLYESTER PET CORE
Eco-friendly damping material



FABRIC FINISH
Premium aesthetic appeal



MEDIUM FREQUENCIES
Effective across speech range



ABSORPTION & DIFFUSION
Controls echoes & improves clarity



Note: Contact us for any further assistance on our product range or visit us at website: www.acousticboardindia.com



BETTER ACOUSTICS



BETTER SPACES



Due to printing limitations, shade/color may vary from actual product.

— POLYESTER FIBER —
WOODEN ACOUSTIC LOUVERS

DESIGN THAT LOOKS BEAUTIFUL. PERFORMANCE THAT SPEAKS.



EXCELLENT ACOUSTICS

Reduces noise, echo & reverberation effectively.



ECO-FRIENDLY

Made from recycled polyester fiber.



FIRE RETARDANT

Safe, durable & compliant with fire standards.



EASY INSTALLATION

Lightweight panels for quick & hassle-free setup.



PREMIUM FINISH

Elegant wood-look finish for modern interiors.

IDEAL FOR



AUDITORIUMS



CONFERENCE ROOMS



OFFICES



HOME THEATRES



RESTAURANTS



COMMERCIAL SPACES



presents

POLYESTER FIBER WOODEN ACOUSTIC LOUVERS

which not only has excellent sound proofing effect, but also can customize products with fire resistance performance to provide guarantee for your safety. The wooden appearance sound insulation panel is more beautiful than the ordinary sound insulation panel, which makes you relax as if you were in the wood jungle, bringing a completely different feeling from the concrete and brick walls.



Our products are made of high-quality environmental protection materials, the acoustic felt is made of recycled plastic (mainly plastic bottles), and the slat is made of medium density fiberboard with a veneer surface.



This product is easy to install. We only need to glue it to the wall. Or use the correct fixings to screw the panel directly into the wall and through the acoustic felt. If you want to further improve the sound performance, screw it into the baton. If installed on the ceiling, the panel can be screwed directly into the ceiling joist.



Each panel is handmade, which not only enhances the sense of decoration visually, but also creates a quieter and more comfortable environment. The products use environmentally friendly materials and are certified by authoritative organizations.



SOUND ABSORPTION

Reduces noise & reverberation effectively.



FIRE RESISTANCE

Fire resistant performance for added safety.



Wooden finish for elegant & modern interiors.



ENVIRONMENTALLY FRIENDLY

Made from recycled PET & sustainable materials.



DURABLE & RELIABLE

Strong, long-lasting & moisture resistant.



EASY TO INSTALL

Simple installation with glue or screws.



ENHANCED ACOUSTICS

Improves sound clarity & reduces echo.



PREMIUM FINISH

High-quality veneer for a natural look.



POLYESTER FIBER

WOODEN ACOUSTIC LOUVERS

Engineered Aesthetics. Advanced Acoustics.



ENGINEERED VENEER FINISH

Natural wood appearance with durable finish.



MDF / HDF CORE

High density core for strength & stability.



RECYCLED PET ACOUSTIC BACKING

Sustainable acoustic layer for superior sound absorption.



FIRE RESISTANT

Designed for safety and long-term use.



HIGH SOUND ABSORPTION

Reduces echo and improves acoustic comfort.



PREMIUM DECORATIVE FINISH

Enhances interiors with elegant wood aesthetics.

IDEAL FOR MODERN INTERIORS



Offices



Restaurants



Lounges



Commercial Spaces



WHY CHOOSE ABI LOUVERS



ELEGANT WOOD FINISH

Enhances interiors with natural wood appeal.



IMPROVES ACOUSTICS

Reduces echo and enhances sound clarity.



ECO-FRIENDLY

Made with recycled PET acoustic backing.



EASY INSTALLATION

Can be installed on both walls and ceilings.



DURABLE & RELIABLE

Built for long-lasting performance.



SPECIFICATION

ABI POLYESTER FIBER WOODEN ACOUSTIC LOUVERS

	Material	EO MDF / B1 MDF / Black MDF
	Type	3D PET + Wooden MDF acoustic panel
	Size	2400*600*22mm
	Specification	Groove 27mm, Edge to edge 13mm
	Stock thickness	12mm / 15mm / 18mm + 9mm MDF
	Surface	Melamine / Wooden Veneer with Varnish / Painting / HPL
	Core material	EO MDF / B1 MDF / Black MDF
	Formaldehyde test	EN 717-1 class E0
	Fireproof test	EN 13501-1 class B
	Back	ACOUSTIC BOARD INDIA
	Application	MEETING HALL, THEATER, MUSIC HALL, GYM, MANUFACTURING SHOP, OFFICE, PUB, HOTEL, LIBRARY, READING ROOM, CLASSROOM, KINDERGARTEN, PIANO ROOM ETC.



EXCELLENT ACOUSTICS
Reduces echo and improves sound clarity.



FIRE RESISTANT
Tested to EN 13501-1 class B for safety.



ECO FRIENDLY
Made from recycled PET & sustainable materials.



PREMIUM FINISH
Wooden look with durable surface options.



EASY INSTALLATION
Simple & efficient installation process.



HIGH DENSITY CORE
Strong, stable and durable.



SOUND ABSORPTION
Effectively reduces noise reverberation.



LONG LASTING PERFORMANCE
Moisture resistant and warp resistant.



MULTIPLE FINISH OPTIONS
Veneer, melamine, HPL & paint.



WIDE RANGE OF APPLICATIONS
Suitable for walls and ceilings.





ABI - POLYESTER FIBER WOODEN ACOUSTIC LOUVERS



SOUND ABSORPTION

Reduces echo & improves clarity.



FIRE RESISTANCE

Enhanced safety & protection.



DECORATIVE AESTHETIC

Elevates interiors with modern style.

ABI - Polyester Fiber Wooden Acoustic Louvers has a good performance in medium and high frequency sound. Sound diffusion MDF slats diffuse part of the sound. Thus, the combination of them can ensure the adequate sound energy, high performance of medium and high frequency sound and provide a quiet environment.

THE ADVANTAGE OF SLATTED ACOUSTIC PANEL



SOUND ABSORPTION

Effectively reduces echo and improves sound clarity.



FIRE RESISTANCE

Made from fire-resistant materials for enhanced safety.



DECORATIVE AESTHETICS

Elegant wood look that enhances any interior space.

The SLATTED ACOUSTIC PANEL series products bring you luxurious quality and advanced noise reduction effect in the most cost-effective way.



SOUND DIFFUSION

Diffuses part of the sound for balanced acoustics.



HIGH PERFORMANCE

Delivers excellent performance in medium & high frequency.



ECO-FRIENDLY

Made from recycled PET & sustainable materials.



EASY INSTALLATION

Simple and efficient installation process.



WIDE APPLICATION

Ideal for walls and ceilings in various spaces.



APPLICATION PLACE

—|||— **We have more cases** —|||—

Application place: Hotel lobby, corridor, room decoration, conference halls, recording rooms, studios, residences, shopping malls, schools, office space etc.



 **ROOM DECORATION**
Enhances aesthetics with superior acoustic performance.



 **HOTEL LOBBY & CORRIDOR**
Creates a welcoming atmosphere and reduces noise effectively.



 **RESIDENCES**
Adds elegance and acoustic comfort to living spaces.



 **ENTERTAINMENT SPACES**
Improves sound clarity for an immersive experience.


HOTEL & HOSPITALITY
Lobbies, corridors, rooms & lounges


COMMERCIAL SPACES
Offices, conference halls & meeting rooms


RECORDING & STUDIOS
Recording rooms, music studios


SCHOOLS & INSTITUTIONS
Classrooms, auditoriums & libraries


RETAIL & PUBLIC SPACES
Shopping malls, restaurants & public areas

ENHANCE SPACES.

ELEVATE EXPERIENCES.

Premium Acoustic Louvers for Modern Interiors.



COLOR SHADE CARD



IVORY OAK	TEAK WOOD	NATURAL BEECH	WALNUT	MAHOGANY	MAPLE	DARK WALNUT	BLACK OAK	EUROPEAN OAK
ASH WOOD	CHERRY	RED OAK	AMERICAN MAPLE	BURMA TEAK	WHITE OAK	LIGHT WENGE	BAMBOO	ZEBRA WOOD
ARCTIC WHITE	ROSE WOOD	SANDAL WOOD	WENGE	GOLDEN TEAK	STONE GREY	OLIVE GREEN	TEAL BLUE	MARBLE WHITE
BIRCH WOOD	SPANISH CEDAR	RUSTIC CHERRY	ACACIA WOOD	TANGANIKA	EBONY	PEARL WHITE	LIGHT WALNUT	SMOKED WALNUT



Due to printing limitations, shade/color may vary from actual product.

Shade variation among panels may occur for different batches of the same product.

Note: - Contact us for any further assistance on our product range or visit our website :- www.acousticboardindia.com



ACOUSTIC PERFORMANCE

Reduces echo & improves sound clarity.



FIRE RESISTANT

Tested & safe for modern spaces.



DURABLE & LONG LASTING

High quality material for lasting beauty.



ECO FRIENDLY

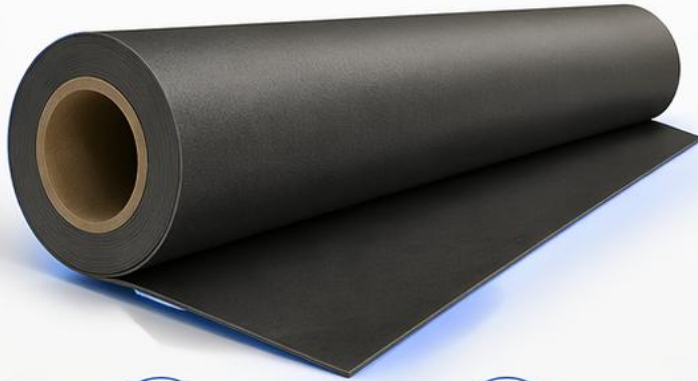
Made from sustainable & recyclable materials.

HIGH-DENSITY SOUND BARRIER

ABI – MASS LOADED VINYL (MLV)

High-Performance Acoustic Barrier Membrane

HIGH DENSITY • FLEXIBLE • EFFECTIVE SOUND BLOCKING



BLOCKS AIRBORNE NOISE TRANSMISSION

Reduces sound transfer and enhances privacy.



FLEXIBLE & EASY TO INSTALL

Conforms to surfaces and simplifies installation.



HIGH DENSITY FOR MAXIMUM ISOLATION

Dense barrier layer for superior soundproofing performance.



IDEAL FOR WALLS, FLOORS & CEILINGS

Versatile use across multiple acoustic applications.

TECHNICAL HIGHLIGHTS



DENSITY

High mass barrier material for effective sound isolation.



APPLICATION

Underlay membrane for walls, floors, ceilings & partitions.



PERFORMANCE

Significantly reduces airborne sound transmission.



USE CASE

Studios, theatres, machinery rooms, partitions, HVAC areas and more.

IDEAL FOR



RECORDING STUDIOS



HOME THEATRES



INDUSTRIAL NOISE CONTROL



COMMERCIAL SPACES



HVAC & MACHINERY ENCLOSURES



SUPERIOR SOUND PROTECTION. BUILT FOR PERFORMANCE.



ENHANCE ACOUSTICS IMPROVE COMFORT



PROFESSIONAL GRADE TRUSTED SOLUTION



SAFE & NON TOXIC ECO FRIENDLY

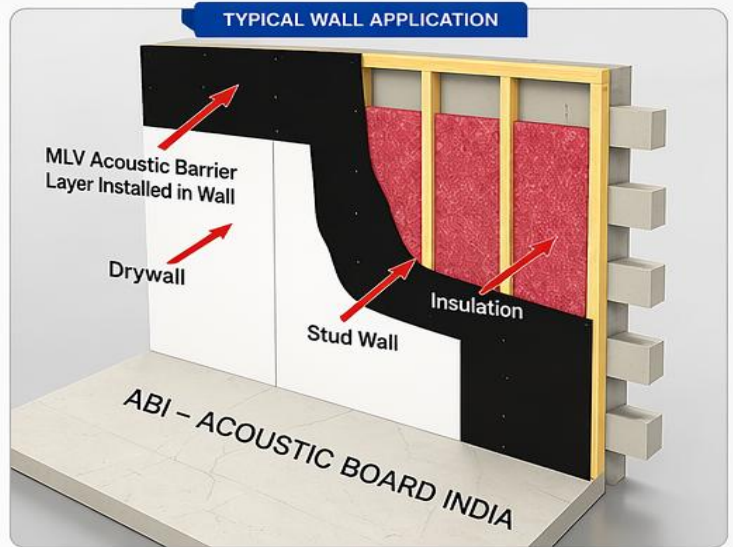
ABI – MASS LOADED VINYL

THE UNDERLAY MEMBRANE

ABI – Acoustic Board India (MLV) Mass Loaded Vinyl sounds like something tough and effective at noise reduction, because it is tough and effective. A greener, more viable alternative to lead soundproofing, MLV barriers are composed of salts, sands and tiny metal particles that give it sound reducing properties similar to old lead sheeting, but without the stigma associated with Lead based materials. The goal of MLV soundproofing is to add dense mass to an enclosed area so that sound waves are blocked from passing through ceilings and walls.

POWERFUL SOUND CONTROL FOR MODERN BUILDINGS

ABI Mass Loaded Vinyl as an effective sound control option was a blessing for architects and engineers. Mass Loaded Vinyl not only offers astounding sound reducing abilities, but is also safe to use and easy to apply. MLV is typically attached to joists or studs, followed by covering seams and joints with acoustic caulking or barrier tape. Once sound caulking is applied, seams are sealed with tape to ensure optimal soundproofing performance. Vinyl MLV barriers block out every day noises, from traffic and street construction sounds to noises emitted by trains, buses and even aircraft. It's a cost effective solution to a wide variety of sound issues.



SOUND TRANSMISSION LOSS (dB) PER OCTAVE BAND (Hz)							
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
½" Thick	15	19	21	28	33	37	27



- HIGH DENSITY MASS**
Dense barrier for superior sound isolation.
- EFFECTIVE NOISE BLOCKING**
Blocks airborne sound transmission efficiently.
- EASY TO INSTALL**
Flexible, easy to cut and install on surfaces.
- SAFE & LEAD FREE**
Environmentally responsible and non-toxic.

IDEAL FOR APPLICATIONS

RECORDING STUDIOS

HOME THEATRES

INDUSTRIAL NOISE CONTROL

COMMERCIAL SPACES

HVAC & MACHINERY ENCLOSURES

SUPERIOR SOUND PROTECTION
Improves acoustic comfort.

REDUCES NOISE TRANSMISSION
Blocks unwanted sound effectively.

DURABLE & LONG LASTING
High performance for years.

ECO FRIENDLY
Safe, non-toxic and sustainable solution.

ABI – MASS LOADED VINYL

THE UNDERLAY MEMBRANE

PRODUCT SPECIFICATIONS

	SIZE	: 4 FT X 32.5 FT (12 SQ.MTR PER ROLL)
	THICKNESS	: 3MM / 5MM / 8MM / 10MM
	COLOR	: BLACK
	FLAMMABILITY	: THERMAL RESISTANT (-30°C TO 100°C)
	MATERIAL	: RUBBER SYNTHETIC
	WEIGHT	: 50 KGS++
	STC	: > 36 DB ++
	APPLICATION AREA	: WALLS, FLOOR, CEILING



SAFE TO USE



**NO
SMELL**



EASY TO INSTALL



Easy to cut with standard utility knife



Flexible



HIGH PERFORMANCE

Blocks airborne sound effectively.



THERMAL RESISTANT

Operates efficiently from -30°C to 100°C.



DURABLE & STRONG

High density for superior isolation performance.



SAFE & NON-TOXIC

Barium free and environmentally responsible.



WIDE APPLICATION

Ideal for walls, floors and ceilings.

ABI – MASS LOADED VINYL

THE UNDERLAY MEMBRANE

ABI Mass Loaded Vinyl (MLV) underlay membrane is the ideal solution for blocking noise transmission in walls, floors and ceilings.



WALL APPLICATION

Effective noise barrier for walls and partitions.



FLOOR APPLICATION

Reduces impact and airborne noise through floors.



EXTERIOR APPLICATION

Perfect for boundary walls, basements and outdoor noise control.



SUPERIOR NOISE BLOCKING

High density material effectively blocks airborne sound.



DURABLE & LONG LASTING

Tough and resilient performance for long-term use.



EASY TO INSTALL

Flexible and easy to cut, fit and install.



THERMAL RESISTANT

Performs efficiently in extreme temperatures (-30°C to 100°C).



SAFE & NON-TOXIC

Environmentally safe, lead free and odourless.



HIGH PERFORMANCE ACOUSTIC SOLUTION
For walls, floors, ceilings and enclosures.



REDUCES NOISE. IMPROVES COMFORT.
Creates quieter, more peaceful environments.

OUR CLIENTS



And many more

PROJECTS EXECUTED BY ABI

TRANSFORMING SPACES. ENHANCING SOUND.



 COMMERCIAL SPACES



 RESTAURANTS



 CONFERENCE ROOMS



 LECTURE HALLS



 HOME THEATRES



 AUDITORIUMS



 BANQUET HALLS



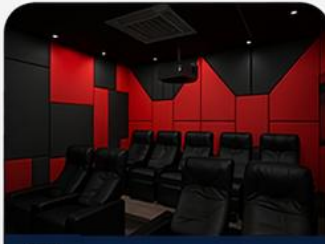
 MEDIA ROOMS



 OFFICE SPACES



 RECORDING STUDIOS



 PRIVATE CINEMAS



 TRAINING ROOMS



 THEATRES



 CORIRDORS



 RECEPTION AREAS



 DANCE STUDIOS



 SCREENING ROOMS



 STAIRWELLS



 SPORTS HALLS



 MULTIPURPOSE HALLS



PROVEN EXPERTISE

Successfully delivered 1000+ projects.



ACOUSTIC EXCELLENCE

Engineered for superior sound performance.



CUSTOM SOLUTIONS

Tailored designs for every space and need.



PREMIUM QUALITY

High quality materials for lasting results.



TRUSTED BY PROFESSIONALS

Architects, builders and clients nationwide.

COMPLETE ACOUSTIC SOLUTIONS

FOR EVERY SPACE

NOISE CONTROL | SOUND ISOLATION | BETTER LIVING



NOISE CONTROL



SOUND BARRIERS



SOUND ABSORBERS



BUILDING ACOUSTICS



SOUND ISOLATION MATERIAL



REVERBERATION CONTROLLERS



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EXPERT SUPPORT

Guidance and solutions at every step.



INNOVATIVE SOLUTIONS

Advanced acoustic technology for all spaces.



SUSTAINABLE MATERIALS

Environmentally responsible and non-toxic.