



ACOUSTICS | PANELING | CEILING | FLOORING | PARTITION

PRODUCT  
CATALOG  
2024

**ABI** ACOUSTIC<sup>®</sup>  
BOARD INDIA

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

[www.acousticboardindia.com](http://www.acousticboardindia.com)



MANUFACTURING | EXCELLENCE | ACOUSTICAL PASSION

**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.

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 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.

Exclusively available through **Brilliant 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.



**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**

# OUR CLIENTS



And many more .....



# **PRODUCT RANGE**

**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**

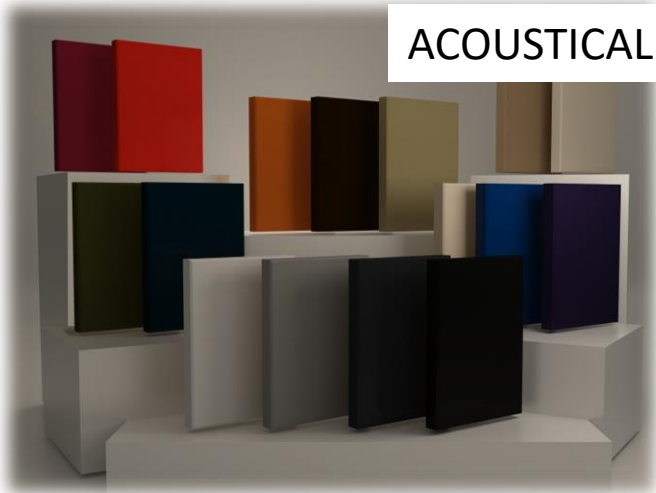
## POLYESTER FIBER ACOUSTIC PANELS



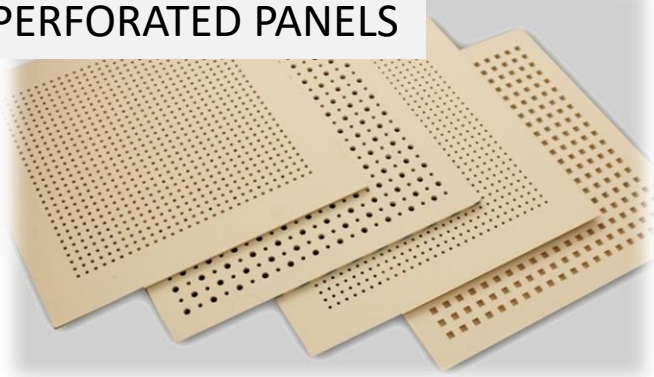
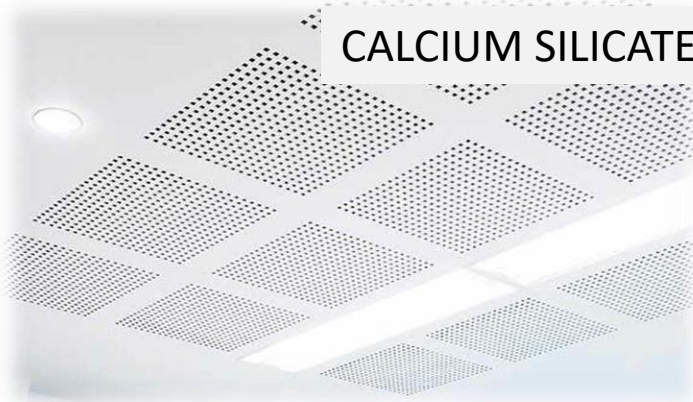
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BOARD INDIA



## ACOUSTICAL FABRIC PANELS



## CALCIUM SILICATE PERFORATED PANELS



## AUDITORIUM AND STADIUM CHAIRS



## STAGE WOODEN FLOORING



## AUDITORIUM CARPET FLOORING

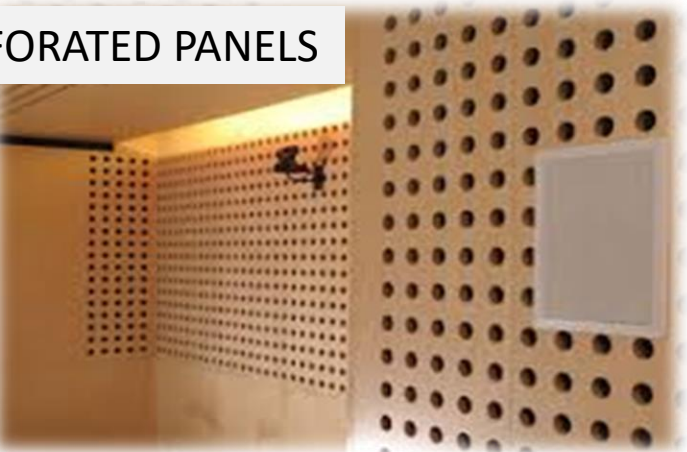
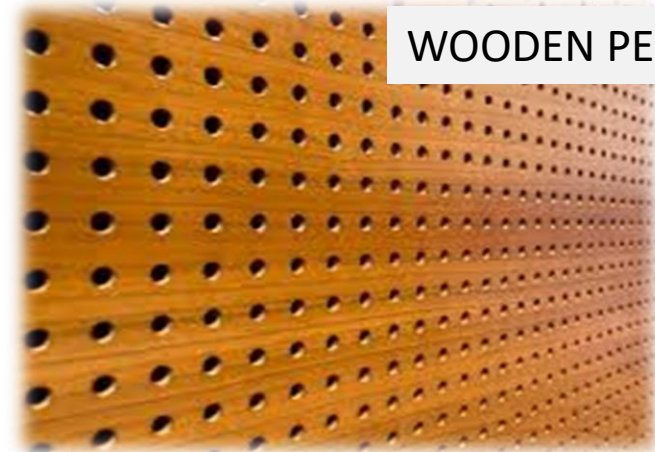


## GROOVED PERFORATED WOODEN SLATS



**ABI** ACOUSTIC<sup>®</sup>  
BOARD INDIA

## WOODEN PERFORATED PANELS



## ACOUSTIC CEILING BAFFLES



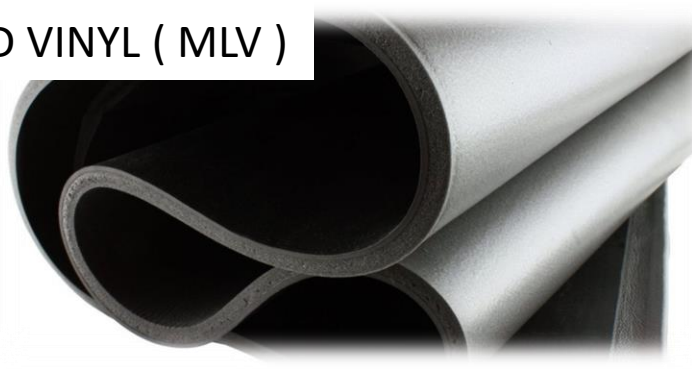
## WOODWOOL ACOUSTICAL PANELS



**ABI** ACOUSTIC<sup>®</sup>  
BOARD INDIA



## MASS LOADED VINYL ( MLV )



## ACOUSTIC DOORS





**PET ACOUSTIC RANGE**





## ABI – POLYESTER FIBER PANELS

Colors	36 standard colors
Panel size	1220x2440x9mm
Weight	1900g/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 percent post-consumer recycled content

## 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.

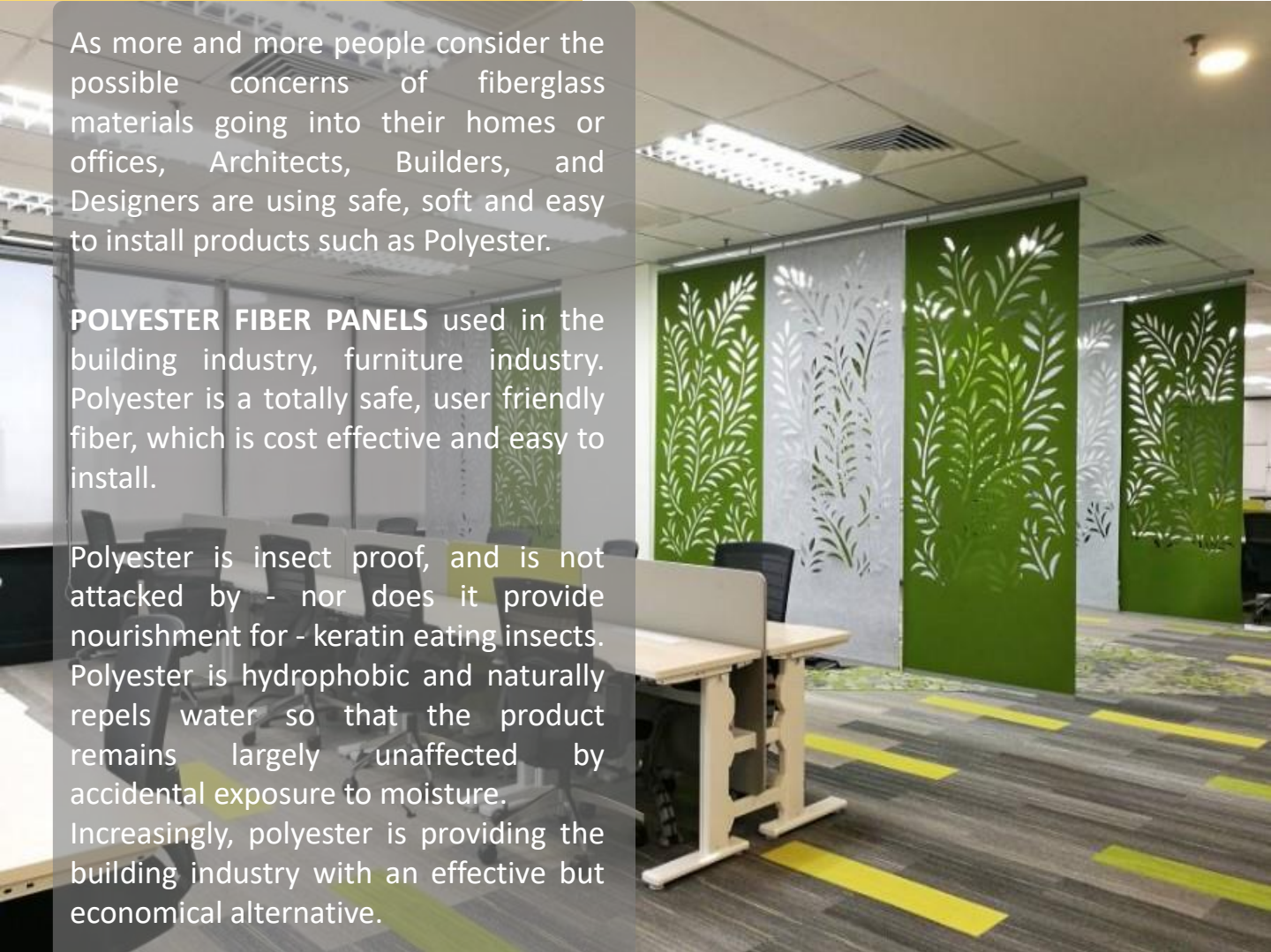
**POLYESTER FIBER PANELS** used in the building industry, furniture industry. Polyester is a totally safe, user friendly fiber, which is cost effective and easy to install.

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

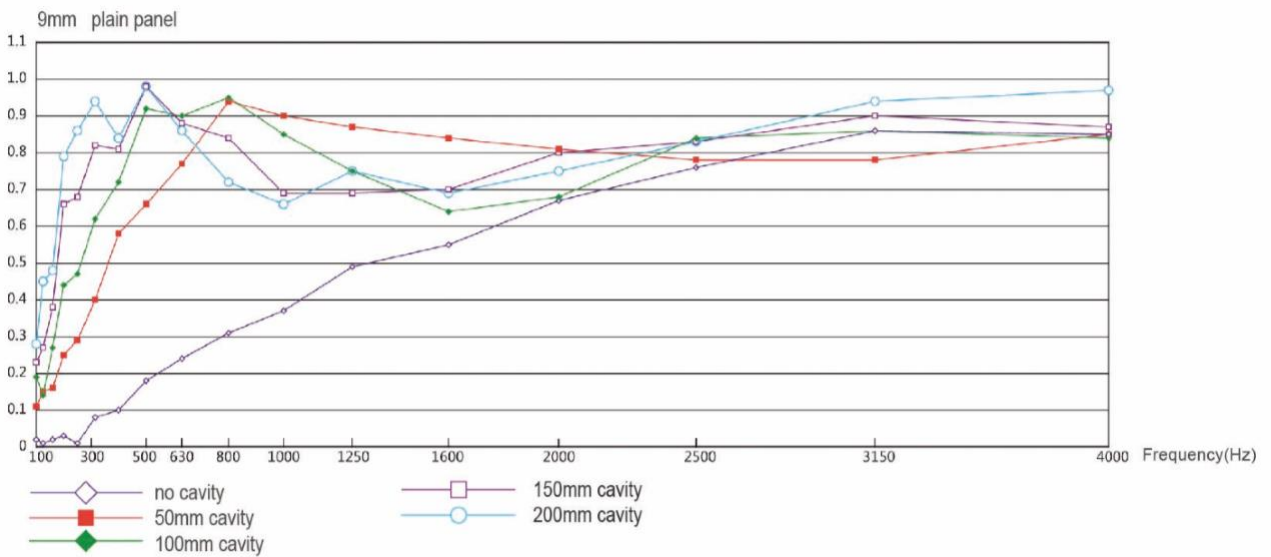
1. SOLID COLOR PANEL SERIES .
2. CUSTOMIZED PANEL SERIES.
3. PERFORATED CEILING PANEL SERIES.
4. CLOUD AND CEILING BAFFLE SERIES .



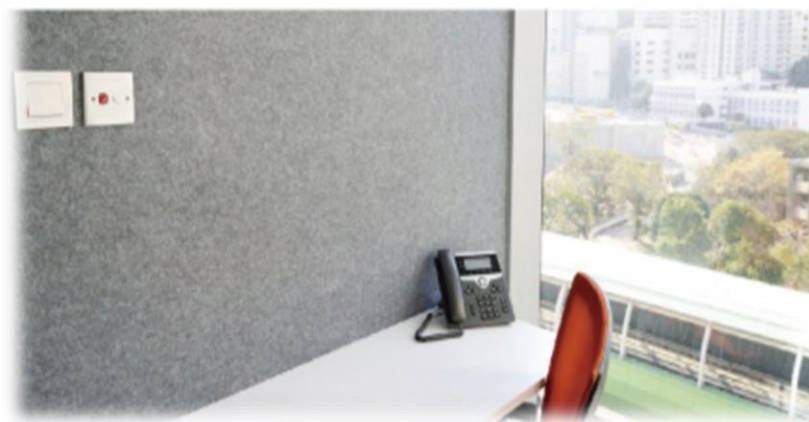
## NRC COMPARISON

9mm absorption coefficient	Frequency/HZ	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	ā	NRC
	0mm		0.01	0.01	0.01	0.03	0.04	0.05	0.10	0.15	0.21	0.30	0.41	0.53	0.60	0.68	0.77	0.85	0.90	0.33
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	0.81	0.91	0.62	0.70
100mm		0.21	0.26	0.39	0.49	0.55	0.72	0.88	0.91	0.97	0.98	0.98	0.89	0.75	0.76	0.88	0.87	0.92	0.73	0.80
150mm		0.27	0.42	0.59	0.67	0.74	0.88	0.97	0.96	0.99	0.93	0.79	0.72	0.86	0.83	0.85	0.89	0.94	0.78	0.85
200mm		0.57	0.56	0.53	0.72	0.86	0.84	0.99	1.05	0.92	0.73	0.70	0.85	0.86	0.90	0.96	0.98	1.00	0.83	0.90

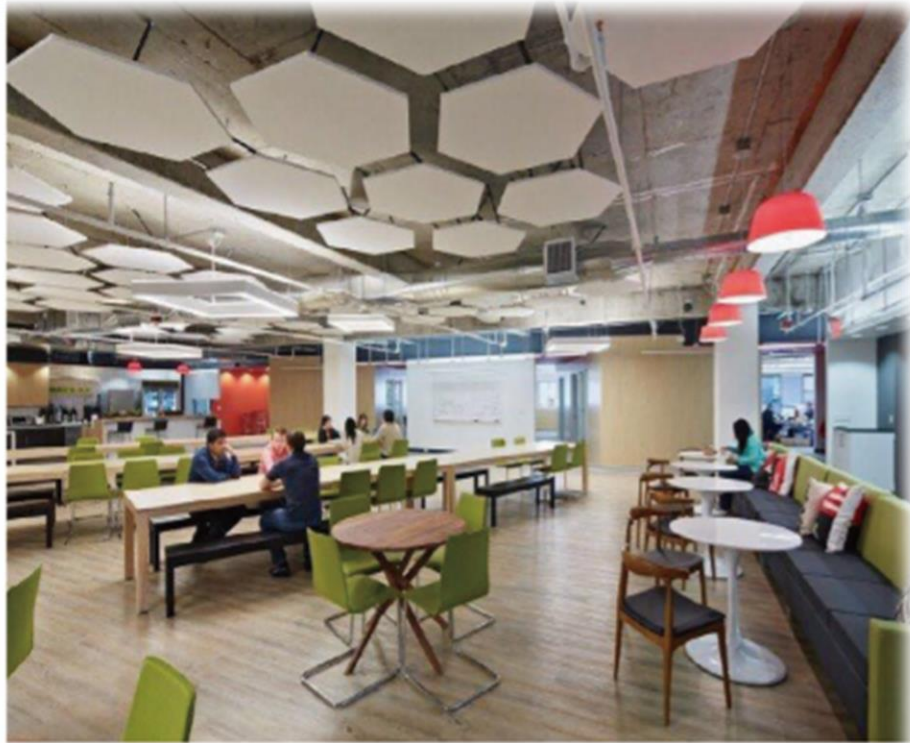
## Ideal Sound Absorbing Effect



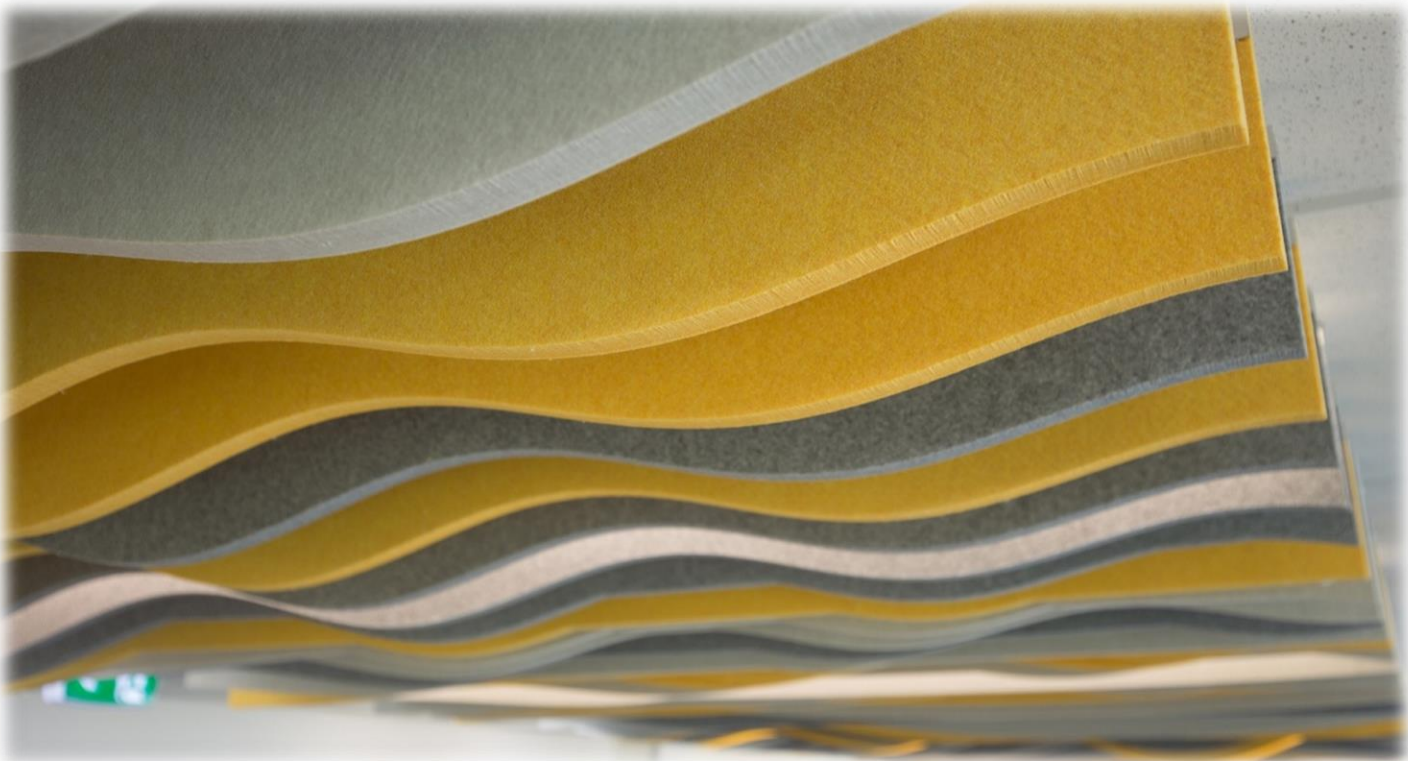
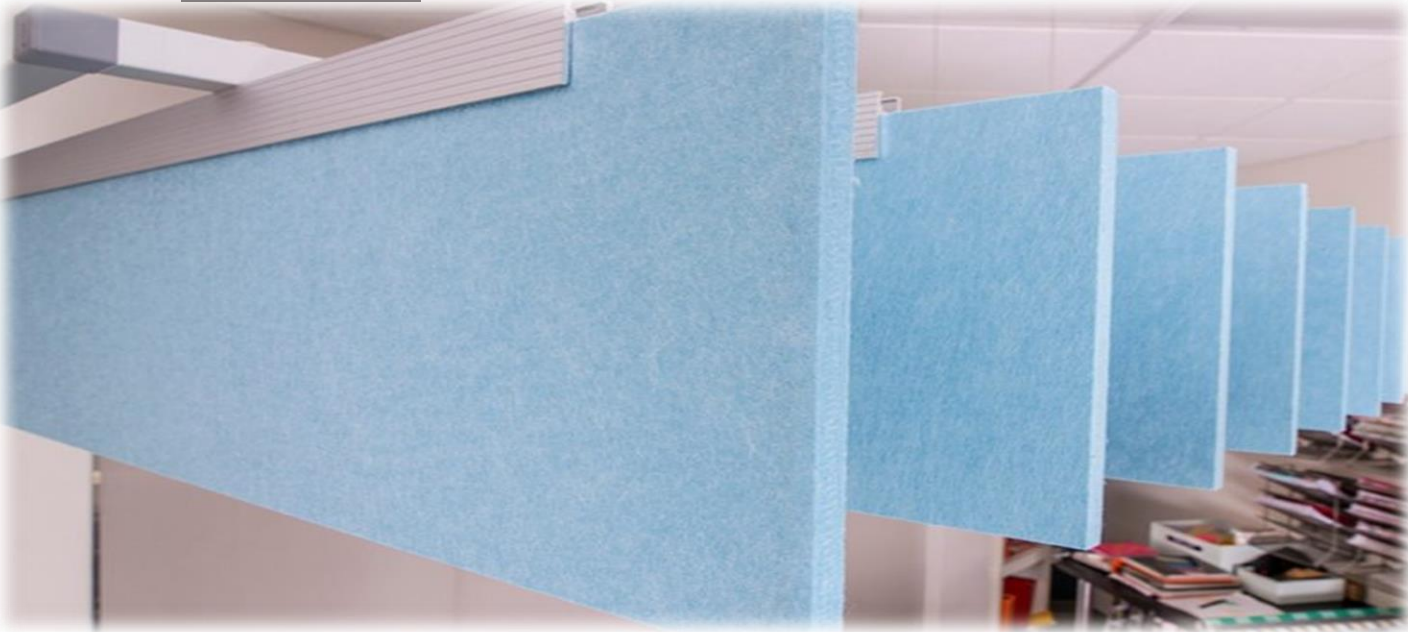
CUSTOMIZED PANEL SERIES



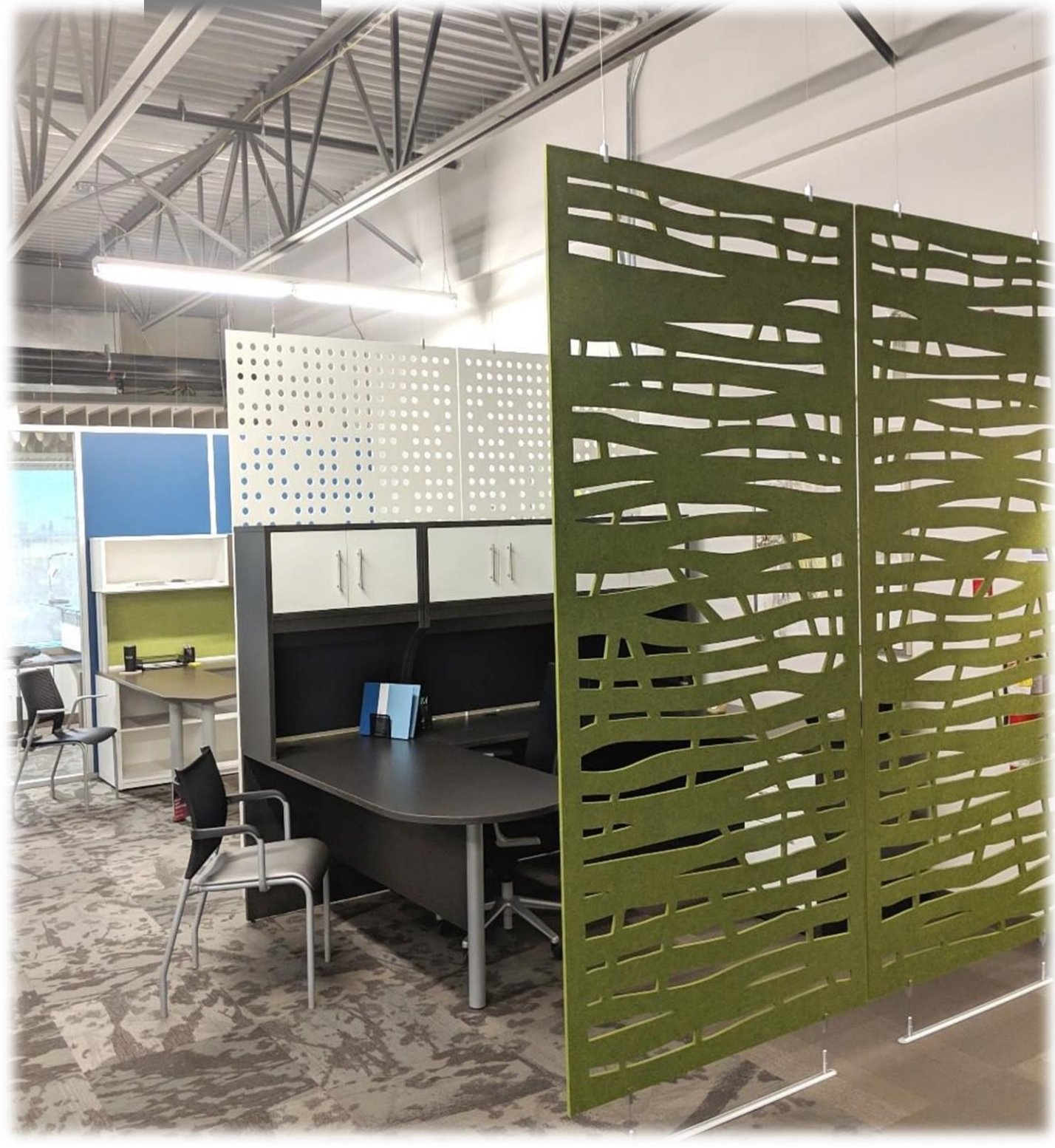
## CEILING AND SOUND BAFFLES



CEILING AND SOUND Baffles

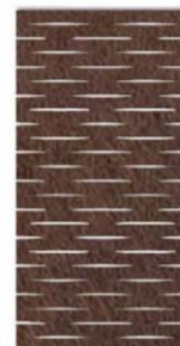


CUSTOMIZED PANEL SERIES



## CARVED ACOUSTIC PANELS

CARVED PANELS IS USING CNC MACHINE TO CUT DIFFERENT PATTERNS ON ABI – ACOUSTIC POLYESTER FIBER PANELS



## COLOR SHADE CARD



### Technical Specifications

- ❖ **Thickness:** Available in various thicknesses to meet different acoustic requirements for e.g. like 9mm / 12mm / 25 mm
- ❖ **Size Options:** Standard and custom sizes 8ft x 4ft also available in other size as well to suit specific project needs.
- ❖ **NRC (Noise Reduction Coefficient):** Typically ranges from 0.70 to 0.90, indicating high sound absorption capabilities.
- ❖ **Density:** Carefully engineered to balance acoustic performance and structural integrity.

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](http://www.acousticboardindia.com)

# WOODEN PERFORATED

## ACOUSTIC PANELS

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**FIND OUT MORE**

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ACOUSTICBOARDINDIA\_



### WOODEN PERORATED ACOUSTIC PANELS



### MDF / HDF PANELS

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



Exclusively available through ABI - 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



⊕ VIEW MORE



⊕ VIEW MORE



⊕ VIEW MORE



⊕ VIEW MORE

## Why our Acoustic Wall Panels.....!

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.

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.

This experiential approach combined with new regulations has seen acoustics become recognized as a critical functional consideration in architecture. ABI Acoustics have delivered on high end acoustic projects across multiple sectors.

## BENEFITS DETAIL

- 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

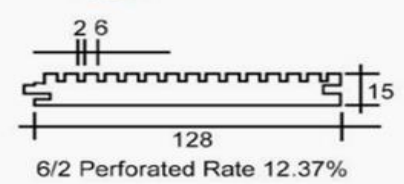
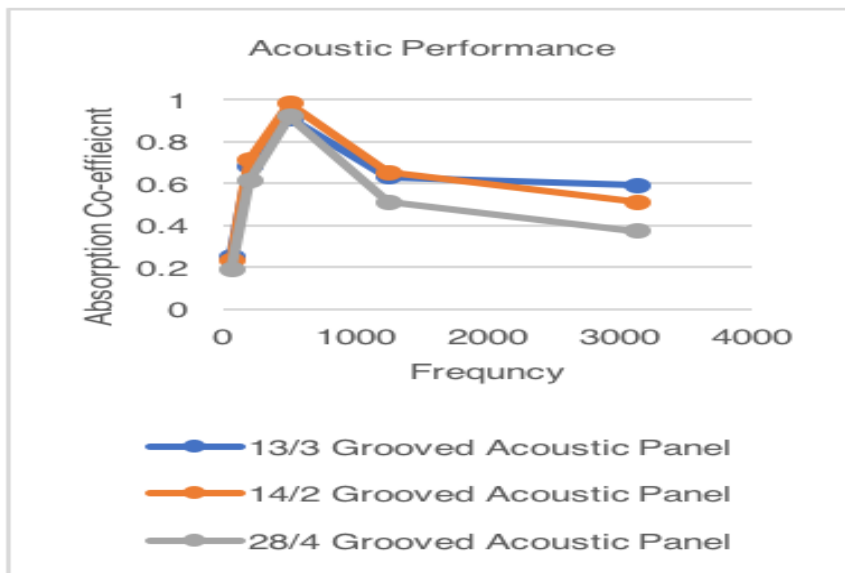
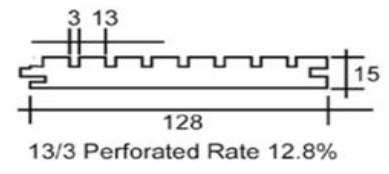
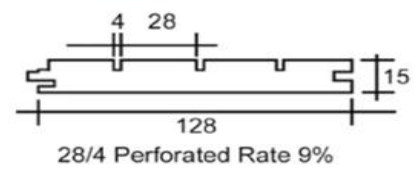
# Grooved MDF /HDF Acoustic SLATS

## SPECIFICATIONS

ABI – ACOUSTIC BOARD INDIA Acoustic slat 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



- 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



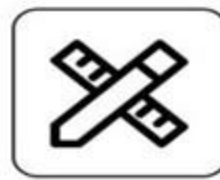
Quality product



Sound absorption



Fire resistance



Decorative aesthetics

**ABI** ACOUSTIC<sup>®</sup>  
BOARD INDIA

# SHOW DETAILS

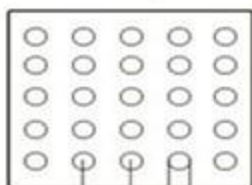
>> Three perforation styles are displayed <<



Wood surface

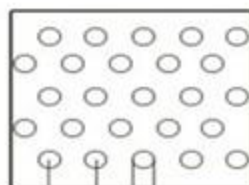
Basic Material

**E Shape**



16mm 6mm

**V Shape**



16mm 6mm

**U Shape**

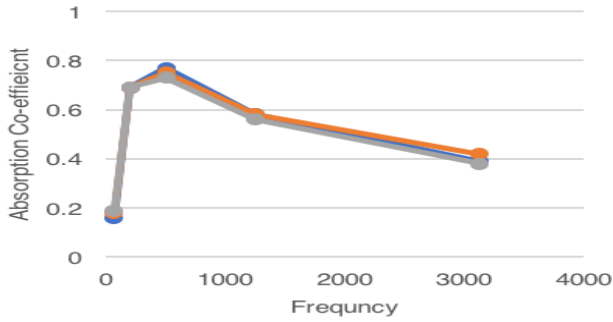


60mm 30mm

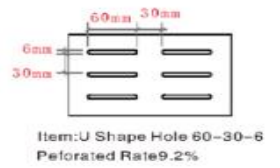
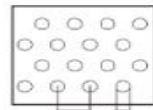
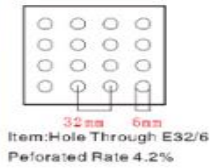
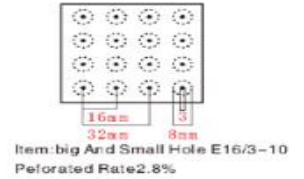
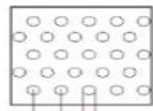
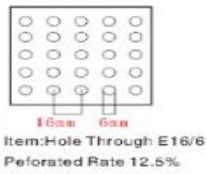
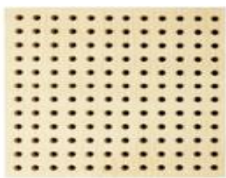
## SPECIFICATIONS

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

Acoustic Performance

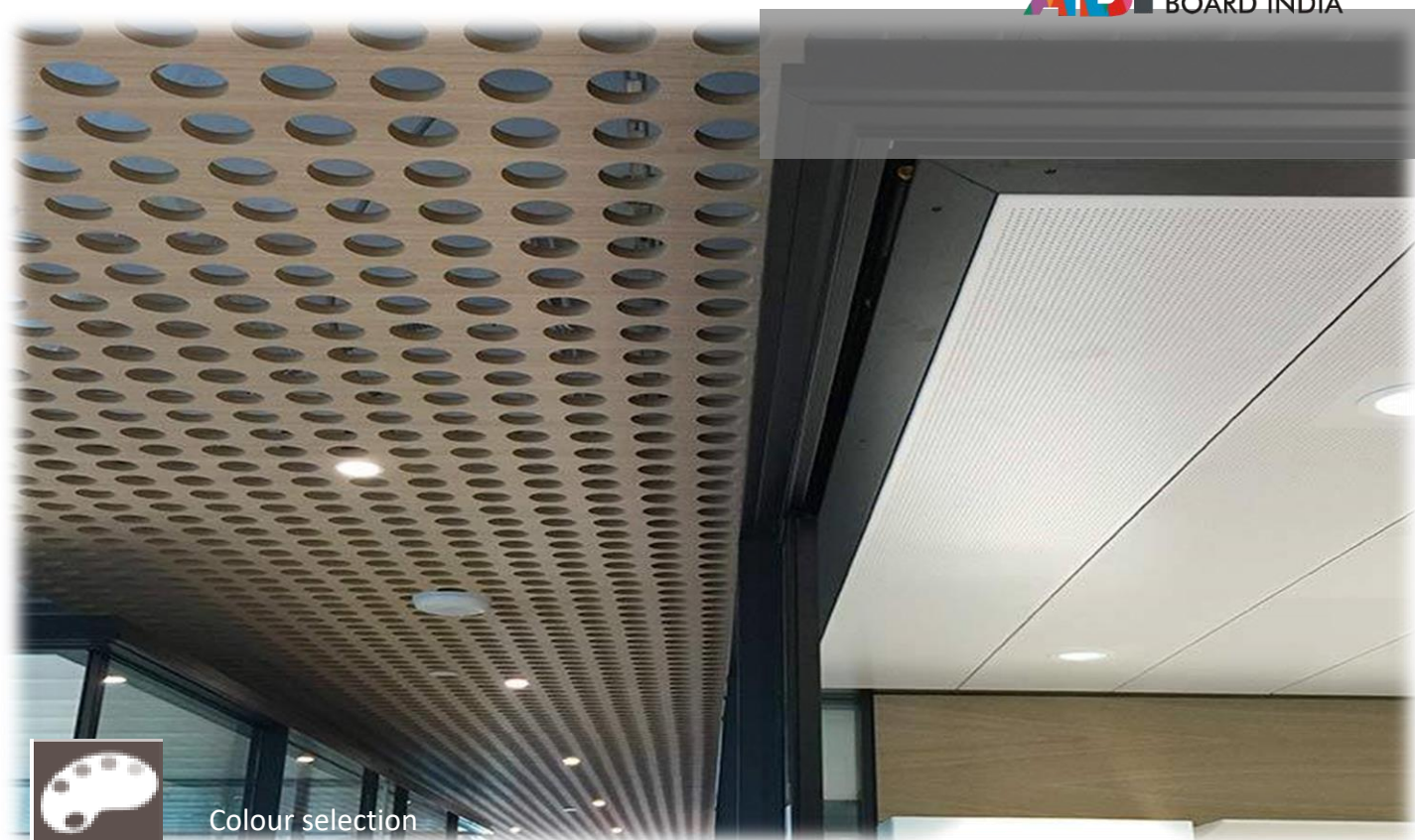


- 16/6 Perforated Panel
- 16/5 Perforated Panel
- 16/3 Perforated Panel



## Perforated Acoustic Panels





Colour selection

New Country (Light) D. No.: 3013	Sapelli D. No.: 3015	Instal Beech D. No.: 3016	Noce Di Vinci D. No.: 3017	Mahogany D. No.: 3024	Moldau Acacia (Light) D. No.: 3025	Moldau Acacia (Dark) D. No.: 3026	Bavarian Beech D. No.: 3027	New Country (Dark) D. No.: 3028	Elegant Teak D. No.: 3041
Thassau Maple D. No.: 3020	Khaya Mahogany D. No.: 3021	Oxford Cherry D. No.: 3022	Alberta Maple D. No.: 3023	Swiss Oak D. No.: 3043	Indian Oak D. No.: 3044	Sand Cross Line D. No.: 3045	Choco Cross Line D. No.: 3046	Super Golden Oak D. No.: 3047	Teak Gold D. No.: 3081
New Country (Light) D. No.: 3013	Sapelli D. No.: 3015	Instal Beech D. No.: 3016	Noce Di Vinci D. No.: 3017	Pastel Orange D. No.: 1133	Mocha Brown D. No.: 1134	Olive D. No.: 1135	Ocean Green D. No.: 1136	Persian Blue D. No.: 1137	White Diamond Cut D. No.: 1150
Thassau Maple D. No.: 3020	Khaya Mahogany D. No.: 3021	Oxford Cherry D. No.: 3022	Alberta Maple D. No.: 3023	Natural Teak D. No.: 3001	Flowers Wenge D. No.: 3002	Highland Pine D. No.: 3003	Lorraine Walnut D. No.: 3007	Straight Grained Wenge D. No.: 3008	Classic Planked Walnut D. No.: 3009

ACTION TESA

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

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The logo for ABI Acoustic Board India features the letters 'ABI' in a stylized, multi-colored font (red, blue, green, yellow) followed by 'ACOUSTIC BOARD INDIA' in a black, sans-serif font. A registered trademark symbol (®) is located at the top right of the text.

**ABI** ACOUSTIC<sup>®</sup>  
BOARD INDIA

**ABI**  
**WOOD WOOL**  
**ACOUSTIC**  
**PANELS**

## INTRODUCING OUR WOOD WOOL ACOUSTIC BOARDS

By compressing and binding the slender shavings of carefully selected and sustainably sourced wood, Acoustic Board India provides a range of high quality, high performance Wood Wool panels, used by the construction industry around the world. It is not unusual to find panels fitted many years ago that are still as effective today as they were when they were installed But they are always being improved.

Over time Brilliante Acoustics Wood Wool panels have been continually marketed for new and innovative uses. Advanced manufacturing techniques are also deployed to ensure our Acoustic Board India Wood Wool panels meet today's increasingly stringent building regulations and standards.

To ensure good acoustics, fire resistance and thermal insulation, the walls of the auditorium were clad with wood wool panels. Although the cinema has since undergone several refurbishments, wood wool panels are still the solution of choice more than 80 years later.

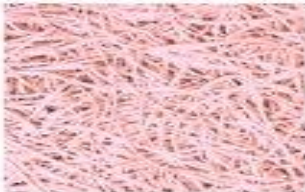
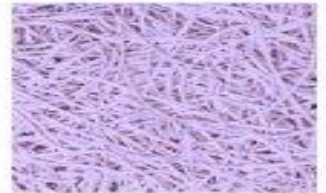
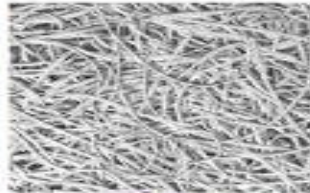
Wood Wool panels are durable and long lasting. They require minimal maintenance over their lifetime and as they comply with increasingly tight energy-saving and environmental legislation, they maintain the value of the property for longer.

### 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.

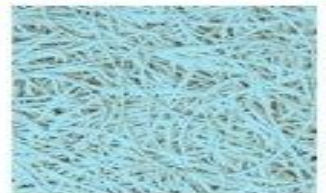


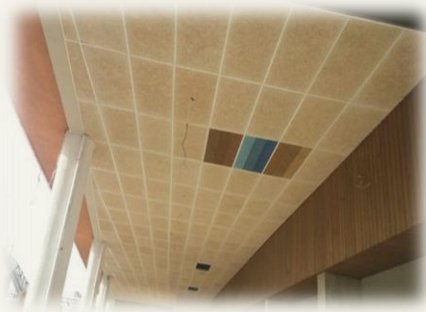
**ABI** ACOUSTIC<sup>®</sup>  
BOARD INDIA



For Acoustic &  
Aesthetic Decoration

ECO-DESIGN ALL IN ONE





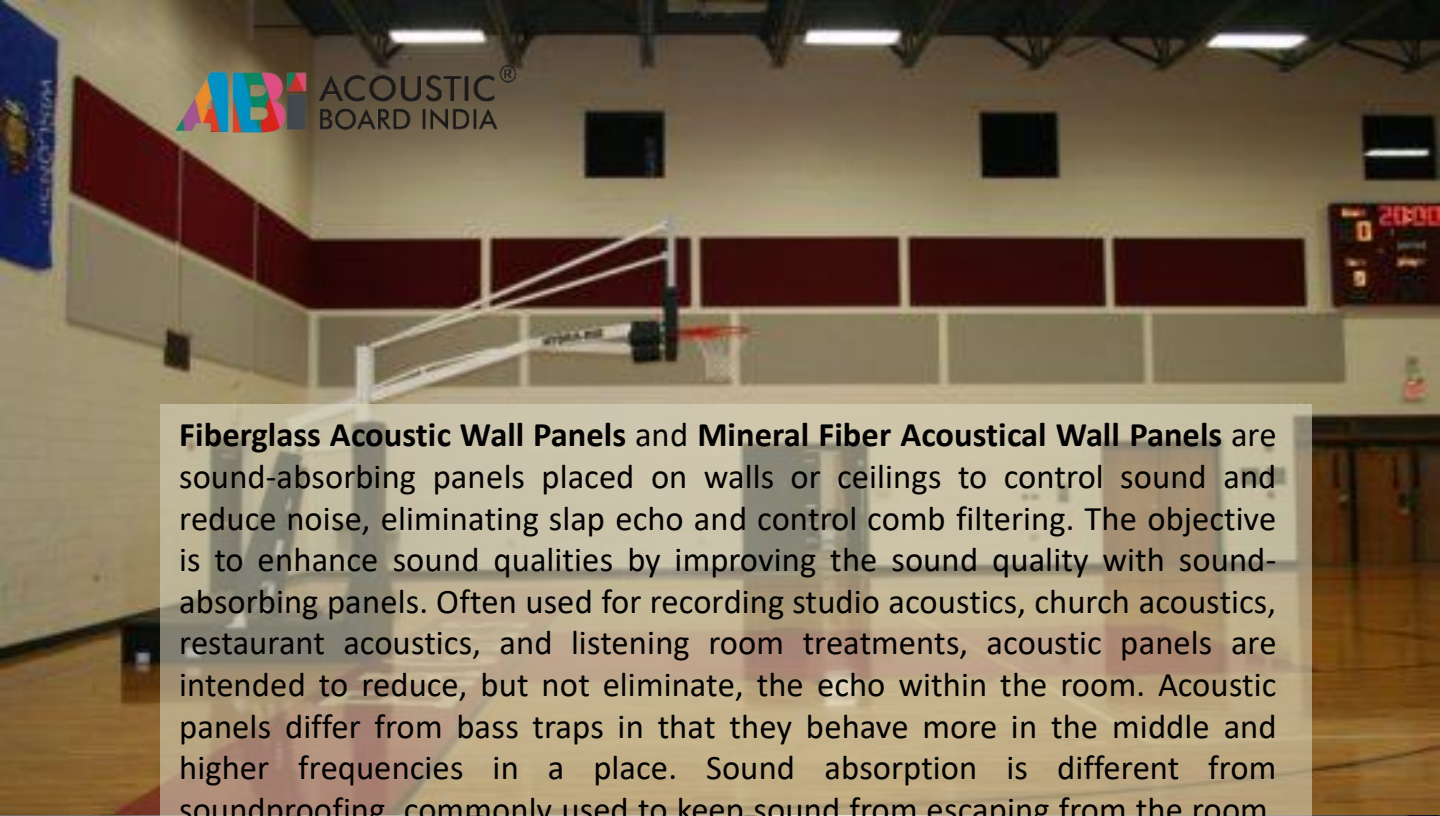
**Product Specifications**

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/m3)	400
Weight (Kg/m2)	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

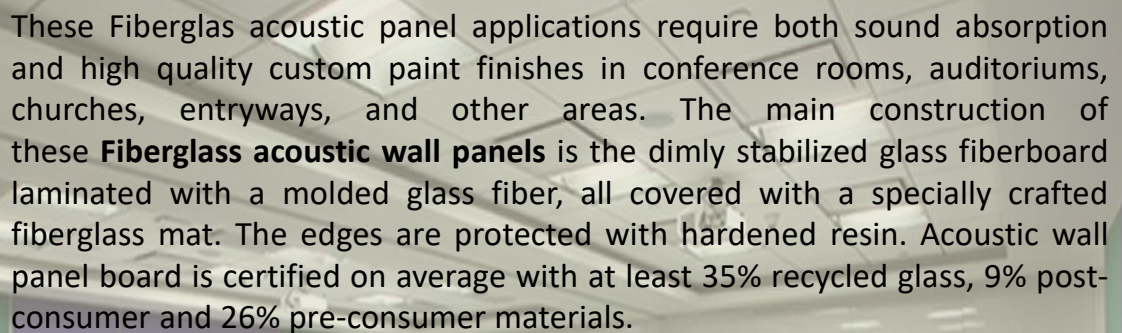





**F A B R I C   A C O U S T I C   R A N G E**

A photograph of a gymnasium with a basketball hoop. The walls are covered with large, rectangular acoustic panels in a dark red color. The floor is a light-colored wood.

**Fiberglass Acoustic Wall Panels** and **Mineral Fiber Acoustical Wall Panels** are sound-absorbing panels placed on walls or ceilings to control sound and reduce noise, eliminating slap echo and control comb filtering. The objective is to enhance sound qualities by improving the sound quality with sound-absorbing panels. Often used for recording studio acoustics, church acoustics, restaurant acoustics, and listening room treatments, acoustic panels are intended to reduce, but not eliminate, the echo within the room. Acoustic panels differ from bass traps in that they behave more in the middle and higher frequencies in a place. Sound absorption is different from soundproofing, commonly used to keep sound from escaping from the room.

A photograph of a conference room with a long white table and several blue chairs. The walls are covered with acoustic panels in a light green color. A green chalkboard is visible on the left wall.

These Fiberglass acoustic panel applications require both sound absorption and high quality custom paint finishes in conference rooms, auditoriums, churches, entryways, and other areas. The main construction of these **Fiberglass acoustic wall panels** is the dimly stabilized glass fiberboard laminated with a molded glass fiber, all covered with a specially crafted fiberglass mat. The edges are protected with hardened resin. Acoustic wall panel board is certified on average with at least 35% recycled glass, 9% post-consumer and 26% pre-consumer materials.

A photograph of a conference room with a long white table and several blue chairs. The walls are covered with acoustic panels in a light green color. A green chalkboard is visible on the left wall.

**Fiberglass Acoustic Wall Panels** and **Mineral Fiber Acoustical Wall Panels** : 25 mm thick acoustic wall panel Boards planned and made by Brilliante Acoustics consolidate acoustic solace with ageless style. Characterized shapes and select hues are mixed into a symphonious piece. The segments of the boards are the equivalent for all models. The high thickness fiberglass substrate gives profoundly successful, sway safe acoustic materials at the center of the boards. The board's texture outside is exceptional and fireproof.

## 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
- Weight: High Density 100 Kg/m<sup>3</sup> Glass Fiber Panel

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 our website [www.acousticboardindia.com](http://www.acousticboardindia.com)

## ABI - FABRIC ACOUSTIC PANELS

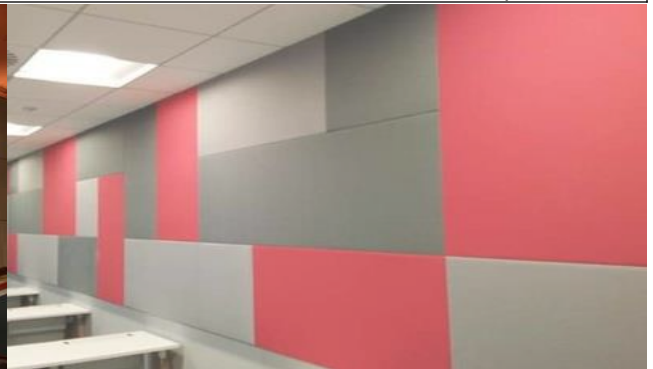
In confined spaces with a high number of people, it is essential to guarantee the right acoustic comfort. In the event that you want or insist on materials that lack significant acoustic absorption levels, it will then be necessary to intervene during the furniture design phase to integrate sound-absorbing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

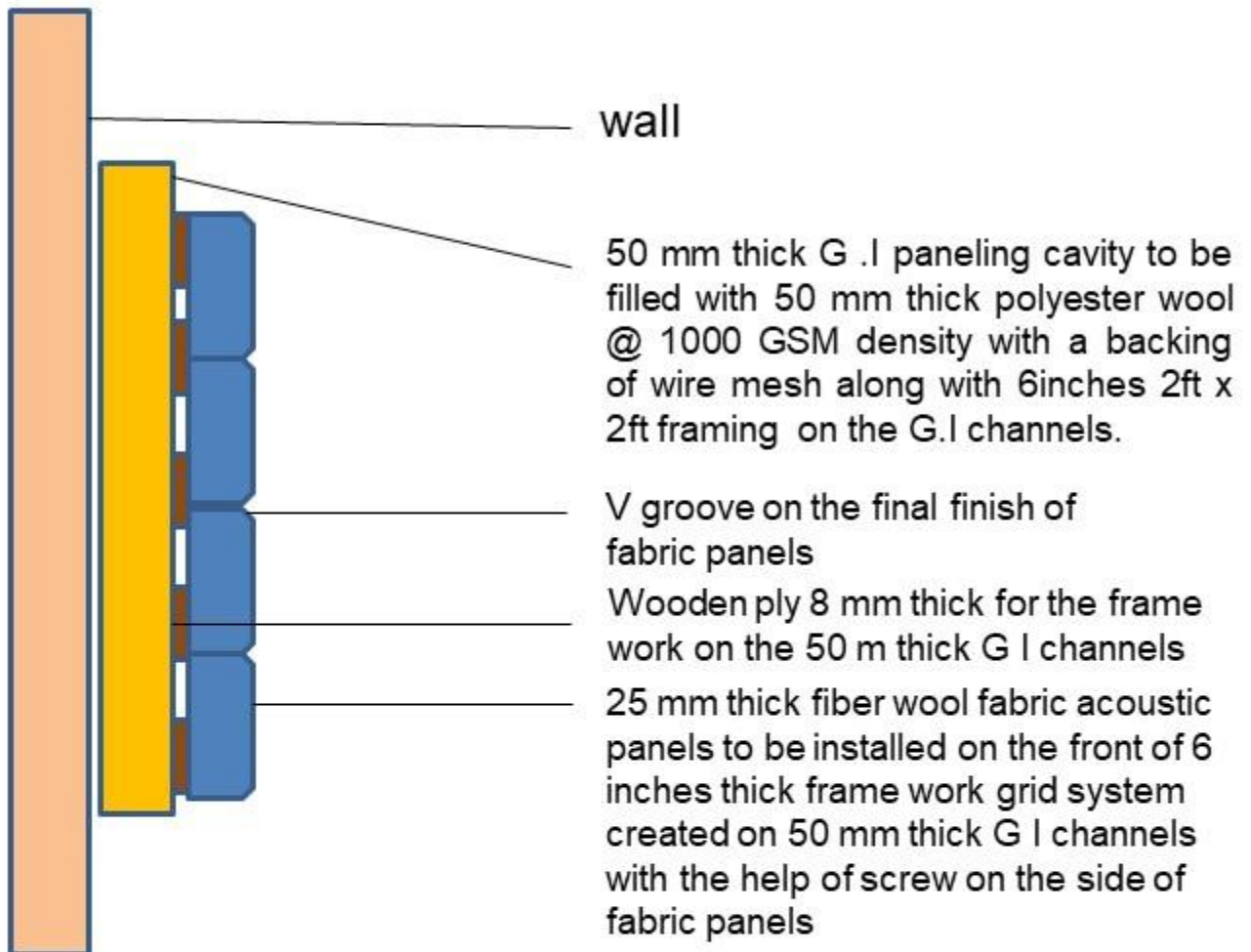
An effective distribution of sound-absorbing panels ensures an even distribution of sound throughout the room, significantly reducing reverberation times. **Acoustic board India** sound-absorbing panels are the ideal solution both for large areas such as airports, universities and gyms and for smaller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



## PRODUCT SPECIFICATIONS

PRODUCT	DATA
Finish	Texture / Fabric / Vinyl
Core	Glass fiber
Thickness (mm)	25/40/50
Size (mm)	595x595, 595x1195, 600x1200
Density (Kg/m3)	100   120
Weight (Kg/m2)	2.5   3.0
Fire (Class)	A 1
NRC (25 mm)	UP TO 0.9
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





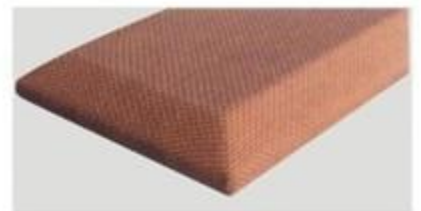
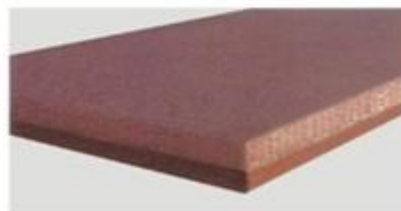
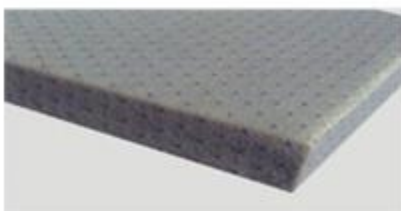
**Square edge**



**1mm Bevelled edge**



**2mm cut edge**



## FABRIC SHADE CARD

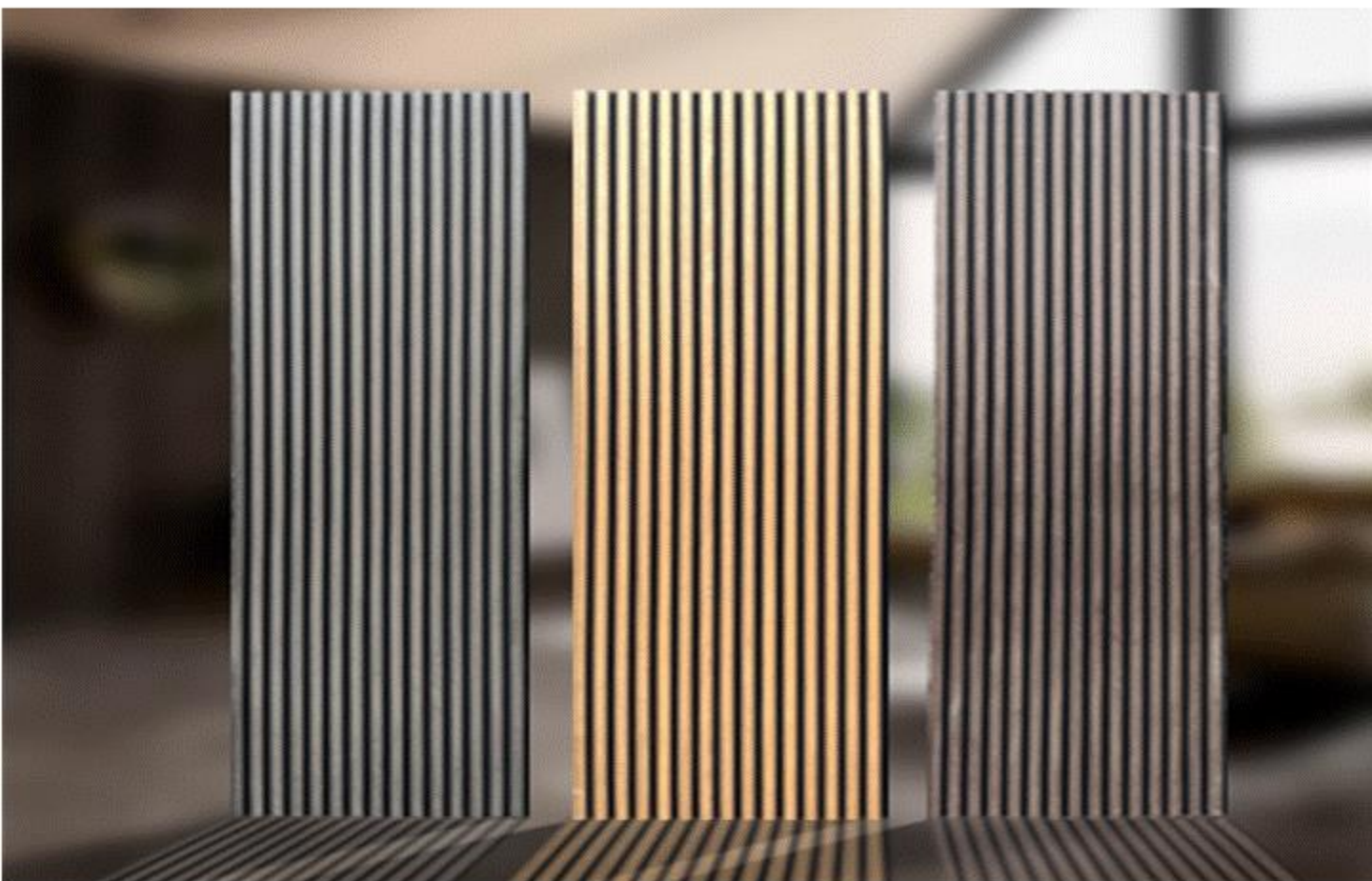


Due to printing limitations, shade/color may vary from actual product.  
Shade variation among panels may occur for different batches of the same product  
Note: - Contact us for any further assistance on our product range or visit our  
website :- [www.acousticboardindia.com](http://www.acousticboardindia.com)





**POLYESTER FIBER WOODEN ACOUSTIC LOUVERS**



[www.acousticboardindia.com](http://www.acousticboardindia.com)

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

## ABI - ACOUSTIC BOARD INDIA 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

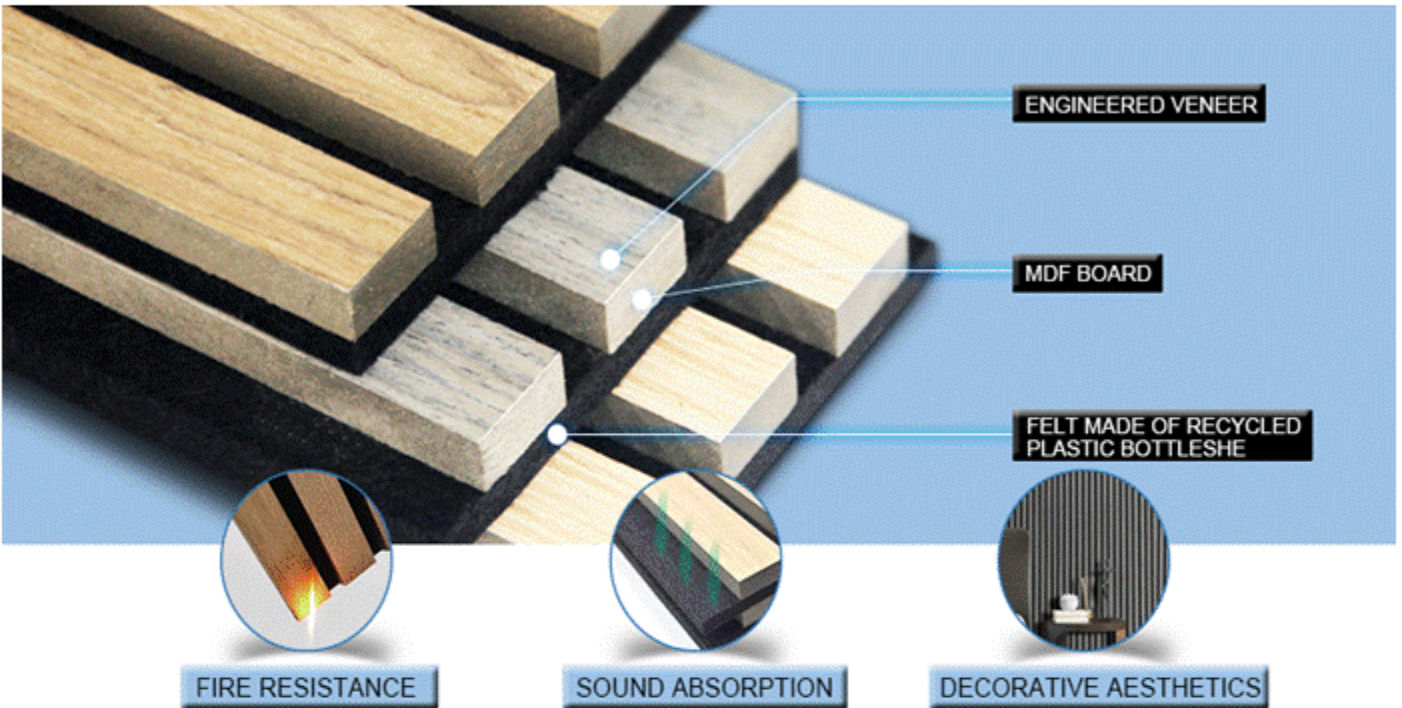


Fire  
resistance



Decorative  
aesthetics

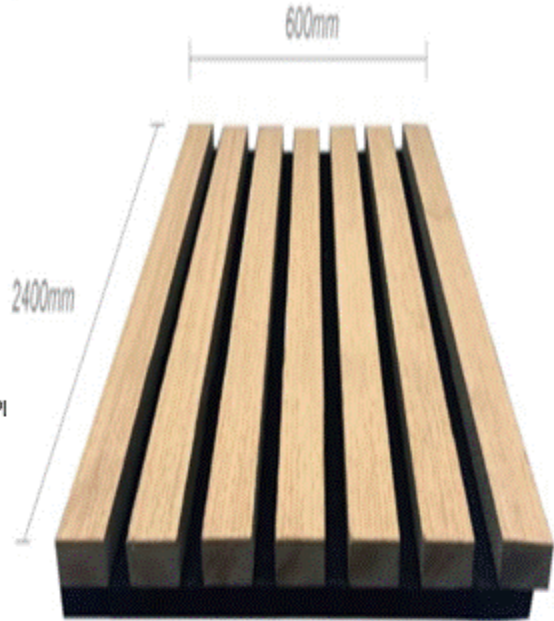
## POLYSTER FIBER WOODEN ACOUSTIC LOUVERS



## SPECIFICATION

### ABI Polyester Fiber Wooden Acoustic Louvers

Material	E0 MDF/B1 MDF/BlackMDF
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 / HPI
Core material	E0 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.





**ABI ACOUSTIC BOARD INDIA**

**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.



Sound absorption



Fire resistance



Decorative aesthetics

The advantage of SLATTED ACOUSTIC PANEL:  
Sound absorption, Fire resistance,  
Decorative aesthetics

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

# 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.





## COLOR SHADE CARD

									
<b>New Country Light</b> (C No. 2013)	<b>Sage</b> (C No. 2015)	<b>Natural Beach</b> (C No. 2016)	<b>Nose de Vin</b> (C No. 2017)	<b>Mahogany</b> (C No. 2018)	<b>Molise Acacia Light</b> (C No. 2019)	<b>Molise Acacia Dark</b> (C No. 2020)	<b>Bretonian Beach</b> (C No. 2021)	<b>New Country Dark</b> (C No. 2022)	<b>Elegant Teak</b> (C No. 2023)
									
<b>Thames Maple</b> (C No. 2024)	<b>Khaya Mahogany</b> (C No. 2025)	<b>Oakland Cherry</b> (C No. 2026)	<b>Alberta Maple</b> (C No. 2027)	<b>Salsa Oak</b> (C No. 2028)	<b>Indian Oak</b> (C No. 2029)	<b>Beech Cross Line</b> (C No. 2030)	<b>Ebony Cross Line</b> (C No. 2031)	<b>Super Baltic Oak</b> (C No. 2032)	<b>Teak Oak</b> (C No. 2033)
									
<b>New Country Light</b> (C No. 2013)	<b>Sage</b> (C No. 2015)	<b>Natural Beach</b> (C No. 2016)	<b>Nose de Vin</b> (C No. 2017)	<b>Pencil Orange</b> (C No. 2120)	<b>Mocha Brown</b> (C No. 2121)	<b>Blue</b> (C No. 2122)	<b>Ocean Green</b> (C No. 2123)	<b>Parson Blue</b> (C No. 2124)	<b>White Stone Oak</b> (C No. 2125)
									
<b>Thames Maple</b> (C No. 2024)	<b>Khaya Mahogany</b> (C No. 2025)	<b>Oakland Cherry</b> (C No. 2026)	<b>Alberta Maple</b> (C No. 2027)	<b>Natural Teak</b> (C No. 2028)	<b>Flamingo Wenge</b> (C No. 2029)	<b>Highland Pine</b> (C No. 2030)	<b>Larsen Walnut</b> (C No. 2031)	<b>Straight Striped Wenge</b> (C No. 2032)	<b>Ebony Planked Wenge</b> (C No. 2033)

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](http://www.acousticboardindia.com)



ACOUSTIC FOAM AND MLV NOISE BARRIER

**AB** ACOUSTIC<sup>®</sup>  
BOARD INDIA

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

# ABI – Acoustic Foam Panels

## ECHO & REVERBERATION REDUCTION

Our ABI - Acoustic foam panel is a cost-effective, high-performing sound absorption foam panel that provides strong noise reduction, where moderate deadening is desired, it also provides moderate sound control on walls or ceilings and strong noise reduction over a wide range of frequencies. These ceilings and strong noise reduction over a wide range of frequencies. panels enhance the sound and speech within a room. Each pad can provide decent noise reduction and can also be used as foam padding in various cases due to flexible integration choices.

**Safety:** Made of quality polyurethane high density flame-retardant foam material, these studio foam are durable and effective, no health risks, safe to use.

**Wedge Surface for sound absorption:**

Our sound foam panels have wedge surface of -12 grooves increases the contact area with sound waves, dampen and diffuse mid to low frequency sound waves inside of a room and the sound absorption effect is better than other shapes of surfaces.

**Easy to install:**

Recommended to use glue or more than one strong double-sided adhesive tape.

**WIDELY USAGE:**

For professional acoustic control, sound absorption and reverberation reduction. Our sound dampening foam panels by attenuating excess sound waves to obtain better recording effects, they are great for recording studios, vocal booths, control rooms, also ideal for home theaters.

A photograph of a woman with blonde hair wearing headphones and singing into a professional studio microphone. In the foreground, several black pyramid-shaped acoustic foam panels are visible, partially obscuring the view of the woman and the microphone. The background shows a recording studio environment with various pieces of equipment.

## PYRAMID ACOUSTIC PANELS

12X12 INCHES STUDIO FOAM  
FOR HOME AND OFFICE

# ABI – Acoustic Foam Panels

## ECHO & REVERBERATION REDUCTION

Through the sound wave bounces back and forth in the sponge absorbing to more than 200 hz frequency of sound, reduce indoor echo interference and improve the purity of sound

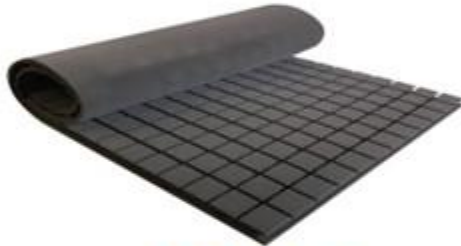
Super sound-absorbing

Environmental safety

Acoustic design

Good shape

**ABI – Turbo Square** Acoustic foam



**ABI – Big Square** Acoustic Foam



**ABI – Pyramid Square** Acoustic foam



**ABI – Grooved line** Acoustic Foam



**ABI – Egg Tray** Acoustic foam



**ABI – Wedge Tray** Acoustic Foam

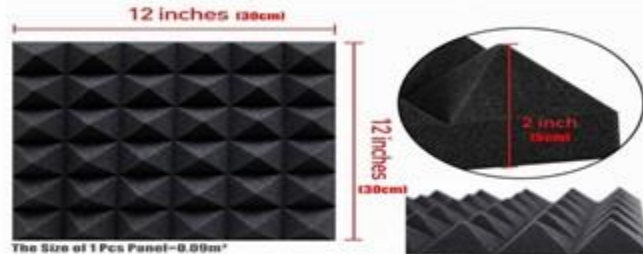


# ABI – Acoustic Foam Panels

ECHO & REVERBERATION REDUCTION

## PRODUCT SPECIFICATIONS

<b>SIZE:</b>	6X3 FEET
<b>THICKNESS:</b>	2.0" ( 50MM )
<b>COLOR:</b>	CHARCOAL , PURPLE , ORANGE , BLUE , WINE
<b>NRC:</b>	0.80
<b>DENSITY:</b>	40KG/M3
<b>MATERIAL:</b>	ACOUSTIC POLYURETHANE
<b>APPLICATIONS:</b>	ABSORPTION & SOUNDPROOFING DIFFUSION ANTI ECHO TREATMENT REVERBRATION TREATMENT ISOLATION UP TO 90 DB
<b>AVAILABLE IN TILES:</b>	1X1 , 2X2 , 3X3 , 3X2 , 3X6 FEET
<b>APPLIED THROUGH:</b>	SR ADHESIVE , SPRAY ADHESIVE



# ABI – Acoustic Foam Panels

## ECHO & REVERBERATION REDUCTION

### APPLICATION AREA :-

CONTACT INTERIORS | THEATERS AND MUSEUMS | AUDIO VISUAL | HOSPITALITY | INSTITUTION |  
SCHOOLS | HEALTHCARE | GYMNASIUM | FURNITURE | GOVERNMENT BUILDINGS |  
WALLS COLUMNS AND CEILING | HOME IMPROVEMENT | FREE STANDING SCREENS | DESK-  
MOUNTED WORK STATION DIVIDERS | FREE STANDING STRUCTURES | PHONE BOOTHS |  
PRIVACY ENCLOSURES | HOSTELLING STATIONS



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.

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.

**MASS  
LOADED  
VINYL**

ALL THE FACTS FOR  
SOUNDPROOFING  
WITH MLV



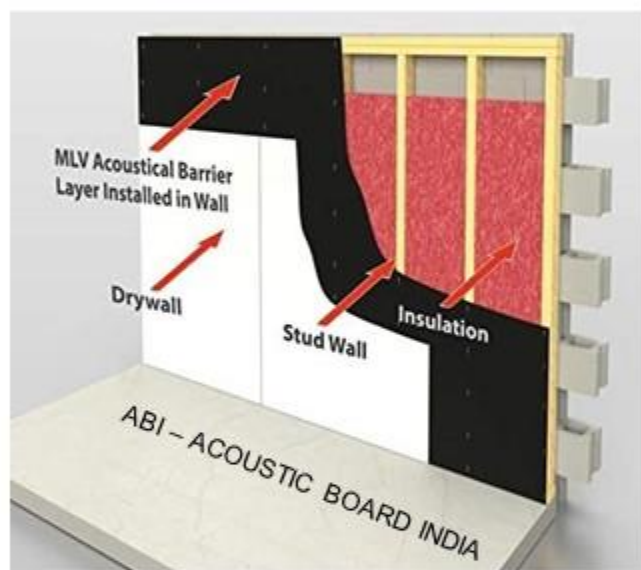
**ABI – MASS LOADED VINYL**  
**THE UNDERLAY MEMBRANE**

# 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.

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
1/8" Thick	15	19	21	28	33	37	27



# 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



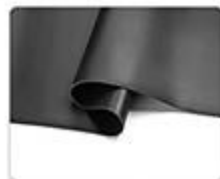
Safe to use



Easy to install



Easy to cut with  
standard utility knife



Flexible



# ABI – MASS LOADED VINYL

THE UNDERLAY MEMBRANE



# ABI – MASS LOADED VINYL

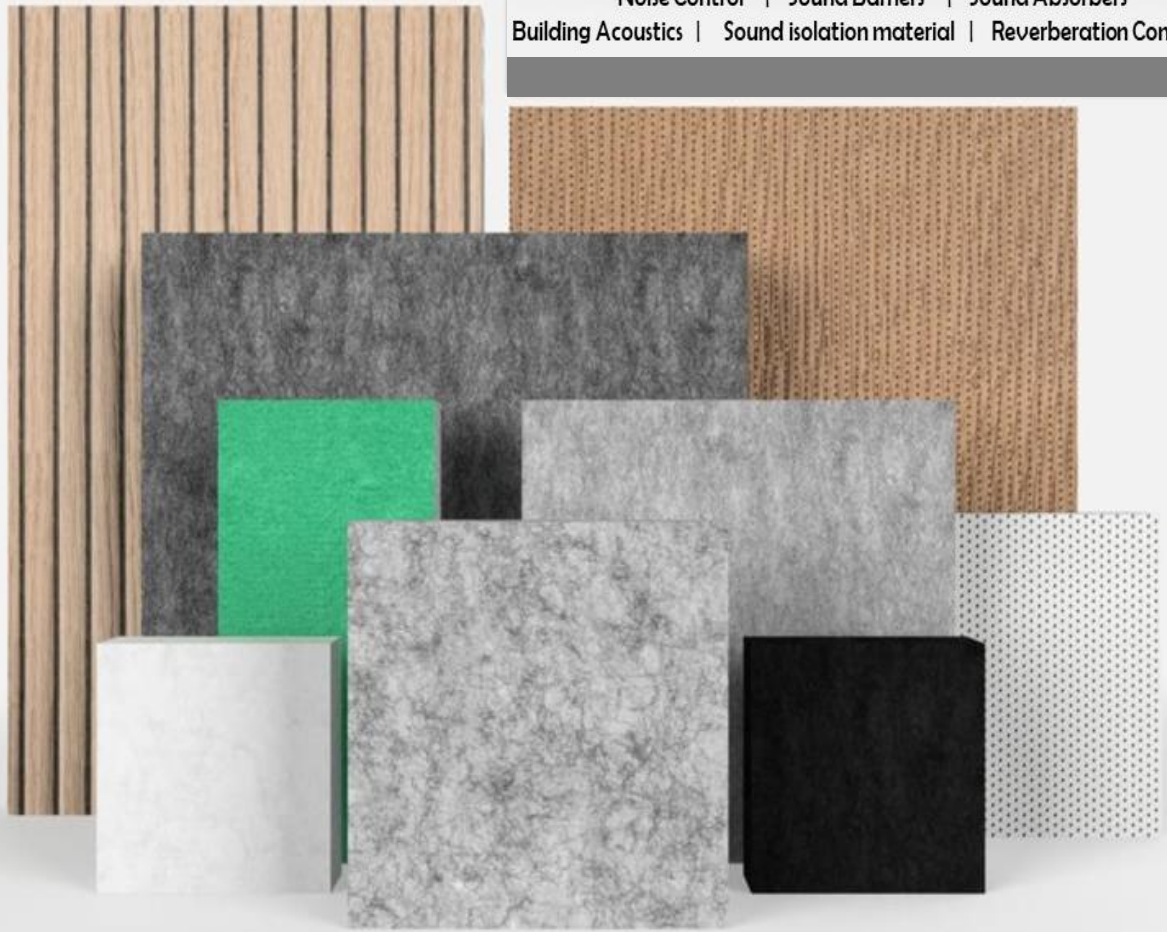
THE UNDERLAY MEMBRANE



# PROJECTS EXECUTED BY BRILLIANTE .....



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



CONTACT US FOR ANY FURTHER ASSISTANCE ON OUR PRODUCT RANGE OR ELSE VISIT OUR WEBSITE

9810441280 | 9999010084 | 9810708580

acousticboardindia@gmail.com | [www.acousticboardindia.com](http://www.acousticboardindia.com)



**ABI** ACOUSTIC<sup>®</sup>  
BOARD INDIA



ACOUSTICBOARDINDIA\_