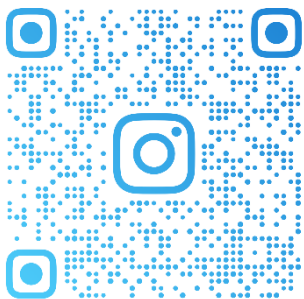




# ACOUSTIC FABRIC PANELS



ACOUSTICBOARDINDIA\_



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

MANUFACTURING | EXCELLENCE | ACOUSTICAL PASSION

## 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.

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.



**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**

# 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

# Fabric Acoustic Panel

Not only  
decor the space,  
but also absorb  
the echo!!



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

## 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 , Multipurpose Halls , Recording Studios
- Conference Rooms , Offices & Call Centers
- Educational Institutions
- Cafes & Restaurants

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



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

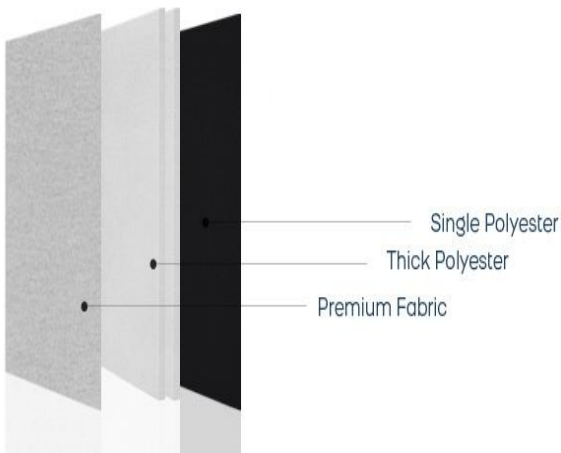
The **ABI Acoustic Board India** fabric-wrapped acoustic panels are engineered to provide both superior sound absorption and a stylish design solution for any space. These panels are made from high-density **Polyester Fiber Board (PET)**, offering excellent acoustic performance and durability. They are wrapped in a choice of premium **fabric or vinyl** finishes, ensuring both aesthetic appeal and functionality. Available in a variety of thicknesses—20 mm, 25 mm, 30 mm, and 35 mm—the panels can be customized to meet the specific acoustic needs of the space, with sizes ranging from 600 x 600 mm to 600 x 2400 mm.

The panels have a density range of **120 – 240 kg/m<sup>3</sup>**, ensuring optimal sound absorption. Their **Fire Class A** rating makes them safe for use in all environments, including commercial and residential applications. With a **Noise Reduction Coefficient (NRC)** of up to 0.9, the panels effectively reduce noise and reverberations, improving sound clarity and comfort in any room.

The **thermal conductivity** is **0.037 W/mK**, offering an additional benefit of energy efficiency.

These acoustic panels are designed to withstand varying climatic conditions, with a **moisture tolerance** of up to 38,000 ppm, and they come with a **5-year warranty** for peace of mind. Maintenance is straightforward, requiring only light brushing, vacuuming, or wiping to keep the panels in top condition. With a **recycled content percentage** of over 25%, these panels also support environmental sustainability.

The **light reflectance** is color-dependent, allowing the panels to blend seamlessly into any design concept.



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.



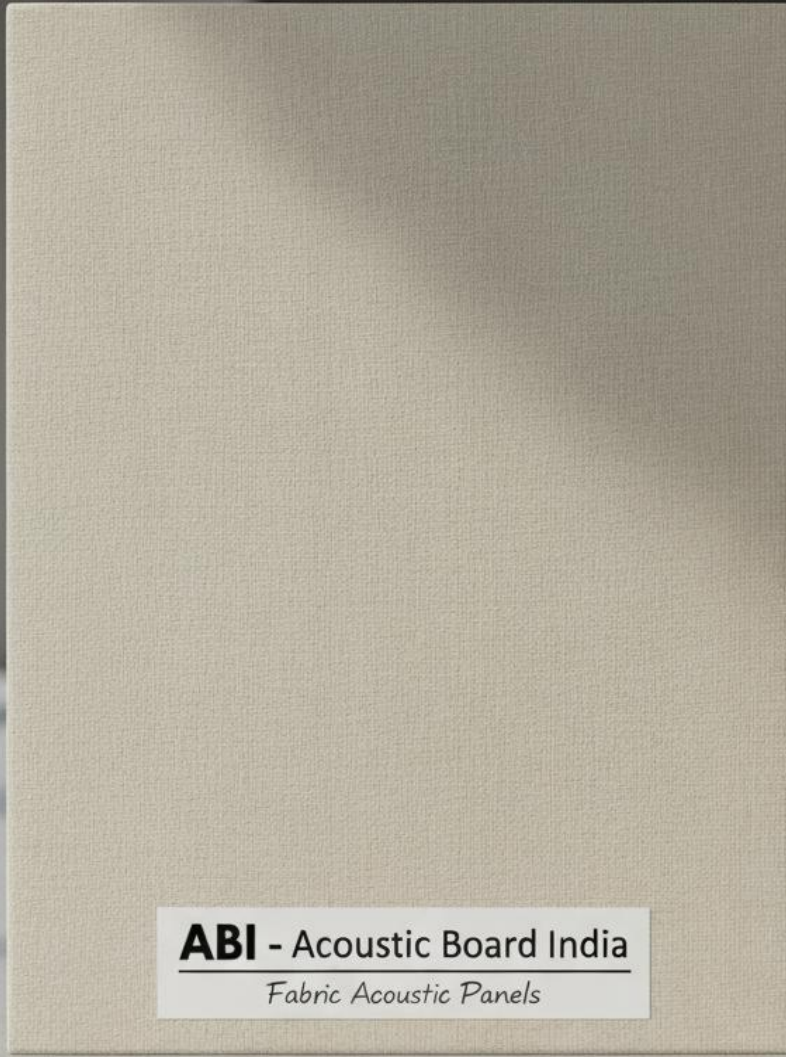
### SPECS

- Package includes 4 Pcs of ABI Fabric Acoustic Panels
- Material: fabric + acoustic PET
- Nrc: >0.95
- Fire rating: SGS – ASTM E84 CLASS A ; TUV – EN 13501 CLASS B
- Environmental protection level: E0
- Diffusion range: 700hz-3000hz
- Absorption range: 150hz-10000hz, reducing unwanted noise & echoes Level
- Absorption frequency: mid-to-high

DIMENSIONS:

2 FT x 4 FT

2 FT



4 FT

### PRODUCT SPECIFICATIONS

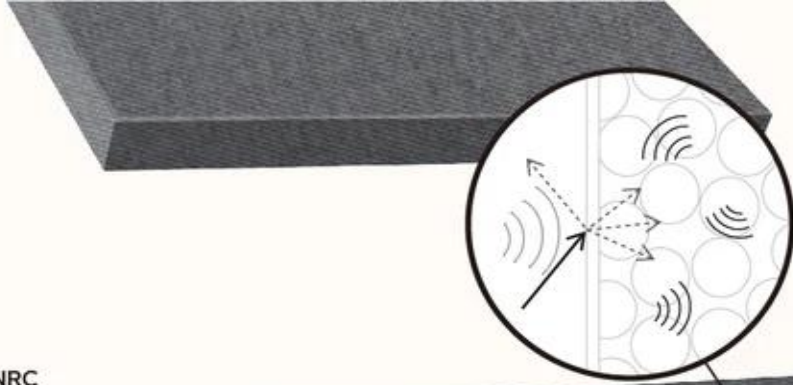
PRODUCT	DATA
Finish	Texture / Fabric / Vinyl
Core	POLYESTER FIBER BOARD
Thickness (mm)	20 MM / 25 MM/ 30 MM / 35 MM
Size (mm)	600 x 600 , 600 x 1200 , 600 x 2400
Density (Kg/m3)	120 -220
Fire (Class)	A 1
NRC (25 mm)	UP TO 0.8 - 1.0
Thermal (W/mk)	0.07
Climate (°C, RH)	38,90
Light (%)	COLOUR DEPENDENT
Green (VoC, RC%)	LOW ,25
Warranty (Years)	4
Maintenance	Brush, wipe, Vacuum

## PRODUCT COMPARISON CHART

Property / Criterion	Polyester Fibre Board / Polyester Wool / PET Board	Rockwool / Mineral Wool	Glass Wool / Fiberglass Traditional Mineral Wool
<b>Material Composition</b>	Made from 100% (or high %) polyester fibres (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
<b>Density / Mass per Volume</b>	Typically density ~ 120 to 2 kg/m <sup>3</sup>	Moderate densities depending on app. batts, boards	Similar moderate densities depending on product. thickness, binder
<b>Thermal Conductivity / Insulation (<math>\lambda</math>)</b>	Generally moderate. good for many applications	Good	Good
<b>Acoustic / Sound Absorption</b>	Very good, especially over a wide band of frequency	Good	Good
<b>Fire / Flame Resistance</b>	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
<b>Moisture Resistance / Water Absorption</b>	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
<b>Handling / Ease of Installation</b>	Lightweight, easy to cut, shape, handle, minimal dust or	More rigid / heavier, cutting produce dust and	Causes irritation to skin e. eyes, resp



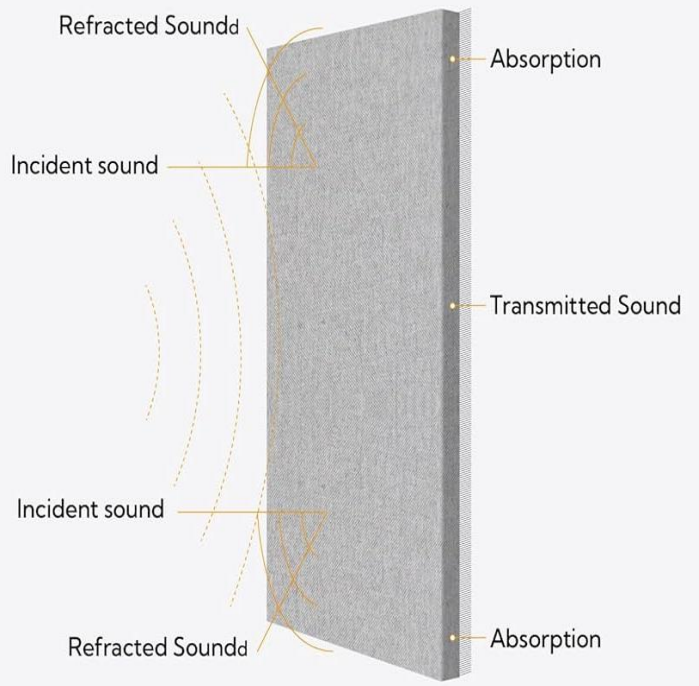
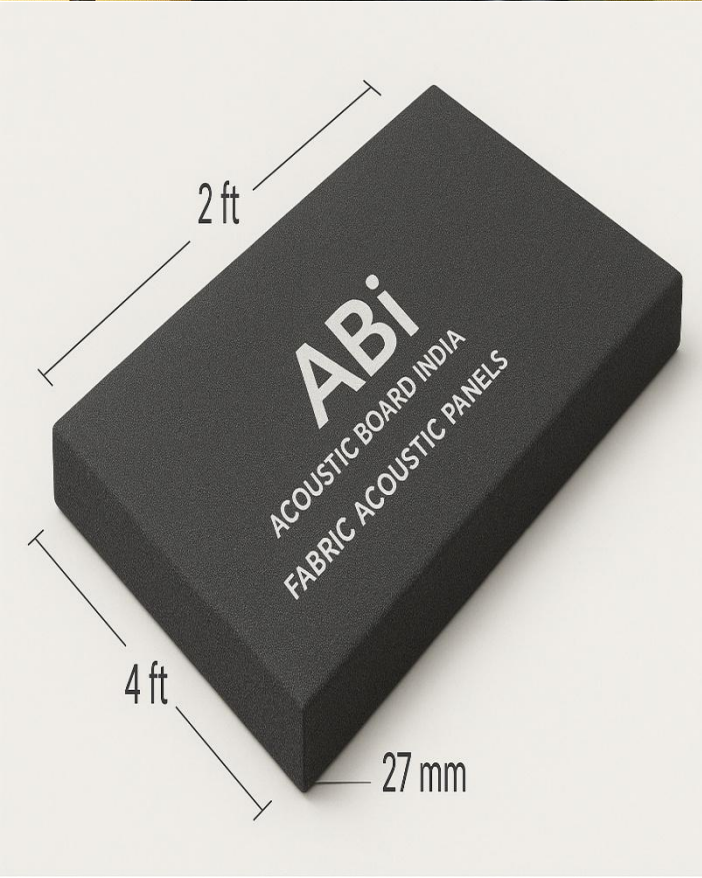
Polyester fiber acoustic boards from **ABI – Acoustic Board India** stand out as a superior alternative to traditional rockwool and glass wool infills in fabric acoustic panels. Unlike mineral-based materials that often cause skin irritation, dust release, and respiratory discomfort during handling, 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.



# 0.85<sub>NRC</sub>

Crafted for  
**Focus**

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



0.9 Noise Reduction Coefficient	Polyester Damping material	Fabric Front material	Medium Frequencies Absorption Frequency	Absorption & Diffusion Functionality
---------------------------------------	-------------------------------	--------------------------	---	--





**Edge Type**



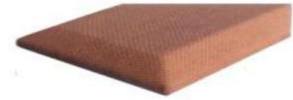
Square



Half Bevel



Full Bevel



# 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 us at website :- [www.acousticboardindia.com](http://www.acousticboardindia.com)



# OUR CLIENTS



And many more .....

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

FABRIC ACOUSTIC PANEL

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

Mobile no. :- 9717541280 | 9810441280 | 9999010084

[acousticboardindia100@gmail.com](mailto:acousticboardindia100@gmail.com) | [www.acousticboardindia.com](http://www.acousticboardindia.com)



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



ACOUSTICBOARDINDIA\_