



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.

## 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

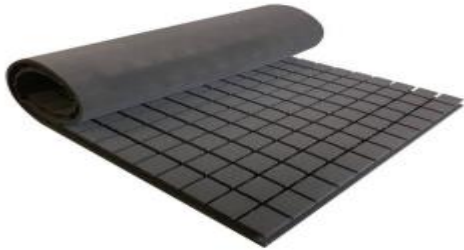
Super sound-absorbing

Environmental safety

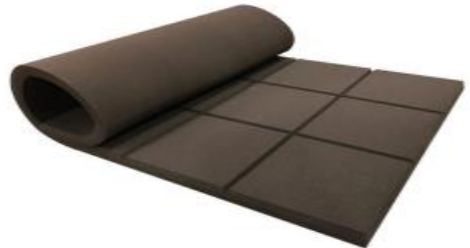
Acoustic design

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

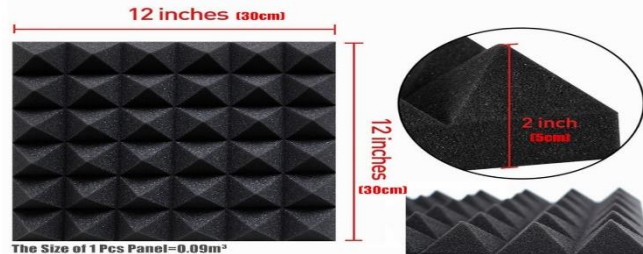


# ABI – Acoustic Foam Panels

## 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



# 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.



# **ABI – MASS LOADED VINYL**

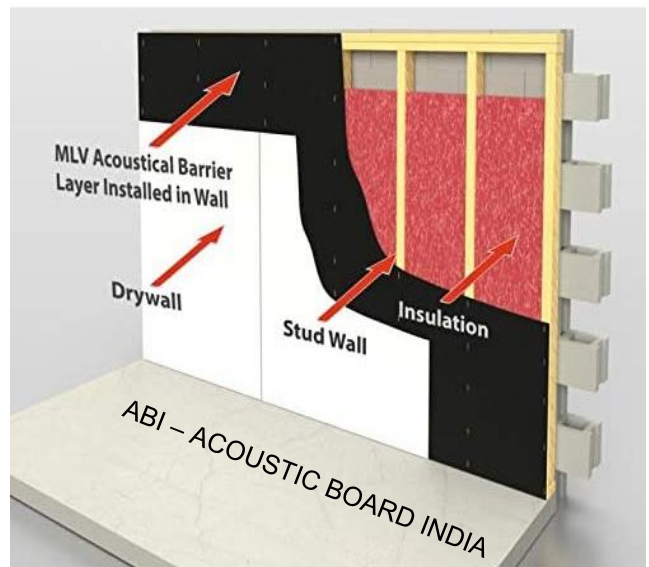
## **THE UNDERLAY MEMBRANE**

# 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



**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**



FURTHER FOR ANY CLARIFICATION PLEASE VISIT OUR WEBSITE [www.acousticboardindia.com](http://www.acousticboardindia.com)  
OR ELSE CALL US ON MOBLE : 9810441280 / 9810708580 / 9999010084



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



( A UNIT OF JMD INTERIOR SOLUTIONS )

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