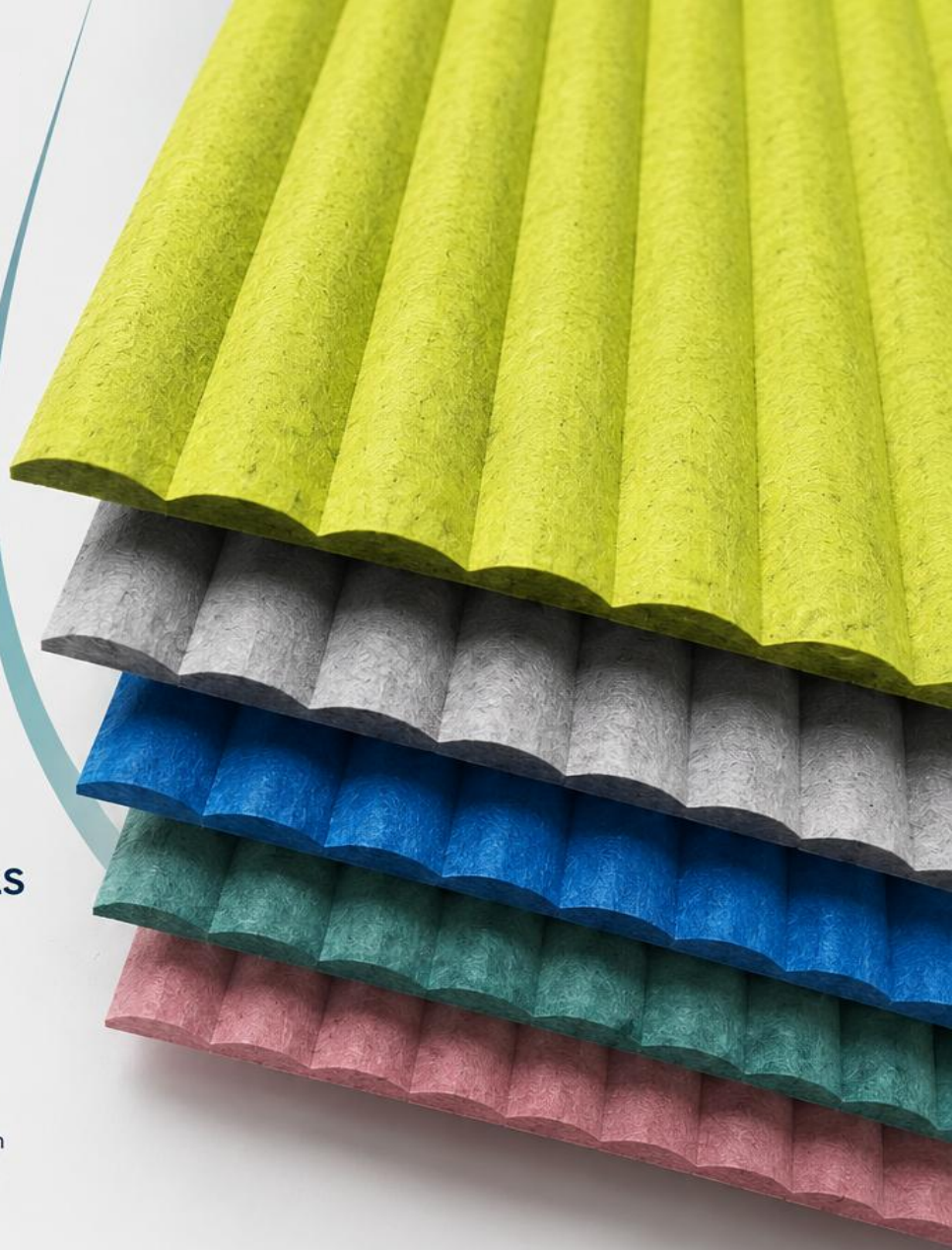


ABI WAVE SERIES

PET ACOUSTIC PANELS

Creating Rhythm. Controlling Sound.

3D corrugated PET felt panels that deliver superior acoustic absorption with a modern architectural appeal. Sustainable. Decorative. Effective.



IDEAL FOR



OFFICES



AUDITORIUMS



RESTAURANTS



HOME THEATRES



HOTELS



STUDIOS



EDUCATIONAL
SPACES



MADE FROM
RECYCLED
PET BOTTLES



9001:2015
QUALITY



14001:2015
ENVIRONMENT



45001:2018
SAFETY



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MEETING ROOM ACOUSTICS



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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

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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**



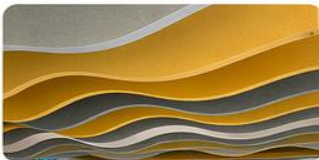
**GROOVED PERFORATED
WOODEN SLATS**



**WOODEN
PERFORATED PANELS**



**ACOUSTIC
CEILING BAFFLES**



**WOODWOOL
ACOUSTICAL PANELS**



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ABI WAVE SERIES

PET ACOUSTIC PANELS

**Creating Rhythm.
Controlling Sound.**

Thermo-formed 3D corrugated PET panels that deliver superior acoustic absorption and modern architectural elegance. Sustainable. Decorative. Effective.



SUPERIOR ACOUSTICS

Reduces noise, echo & reverberation



ECO FRIENDLY PET CORE

Sustainable, non-toxic & 100% recyclable



FIRE RETARDANT & DURABLE

Fire rated, long lasting & low maintenance



EASY TO INSTALL

Lightweight panels for quick & clean installation



AVAILABLE PROFILES

ABI SOFT FLUTE



Subtle vertical corrugations for elegant acoustic surfaces.

ABI DEEP FLUTE



Pronounced wave depth creating strong visual impact and enhanced dimensionality.

ABI BROAD FLUTE



Wide-profile corrugations delivering bold architectural expression.

ABI FINE FLUTE



Narrow, refined flutes for contemporary and minimalist interiors.

ABI CLASSIC FLUTE



Traditional wave profile balancing aesthetics and acoustic performance.



HIGH ACOUSTIC ABSORPTION

NRC up to 0.95



ECO FRIENDLY PET CORE

Made from recycled PET bottles



FIRE RETARDANT OPTIONS

Safe, durable & long lasting



LIGHTWEIGHT & EASY TO INSTALL

Easy handling and quick installation



MULTIPLE COLOURS

Wide range of colour options



CUSTOM SIZES & PROFILES

Tailored to your design needs

SPECIFICATIONS

Material	100% Polyester Fiber (PET)
Thickness	9mm / 12mm / 18mm / 24mm
Density	180 – 240 kg/m ³
Sheet Size	1220mm x 2440mm (Customizable)
NRC	0.75 – 0.95
Fire Rating	Class B / B-s1,d0 / ASTM E84 Class A
Recycled Content	60% – 100% Recycled PET Bottles
Installation	Adhesive / Mechanical Fixing / Suspension

COLORS

WHITE	LIGHT GREY	DARK GREY	BEIGE	MUSTARD	TERRACOTTA
OLIVE GREEN	FOREST GREEN	NAVY BLUE	SKY BLUE	RED	BLACK



LIVING SPACES



HOME THEATRES



OFFICES



RESTAURANTS



HOTEL LOBBIES



HOTEL LOBBIES



RECEPTION AREAS



STUDIOS & AUDITORIUMS



HEALTHCARE FACILITIES



MADE FROM
RECYCLED PET
BOTTLES



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DECORATIVE.
ACOUSTIC.**



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ABI WAVE SERIES

3D CORRUGATED PET ACOUSTIC PANELS

Creating Rhythm. Controlling Sound.



ABI Wave Series is an innovative collection of thermo-formed 3D corrugated PET acoustic panels engineered to combine superior acoustic performance with contemporary architectural aesthetics. Manufactured from premium recycled polyester fiber, these panels are designed to control reverberation, reduce unwanted noise, and improve speech intelligibility while creating visually dynamic wall and ceiling surfaces.



The unique wave geometry transforms ordinary spaces into architecturally engaging environments, adding depth, texture, and movement that conventional flat acoustic panels cannot achieve. Suitable for both wall and ceiling applications, ABI Wave Series offers designers the freedom to create striking acoustic installations without compromising performance.



Whether used in commercial offices, educational institutions, hospitality projects, auditoriums, home theatres, or public spaces, ABI Wave Series provides an ideal balance of design flexibility, sustainability, and acoustic excellence.

WHY CHOOSE ABI WAVE SERIES?

- ✓ Superior Acoustic Performance
- ✓ Made from Recycled PET Bottles
- ✓ Lightweight & Easy Installation
- ✓ Decorative 3D Corrugated Design
- ✓ Multiple Profiles & Colours
- ✓ Fire Retardant Options Available
- ✓ Durable & Low Maintenance
- ✓ Suitable for Walls & Ceilings
- ✓ Customizable Dimensions
- ✓ Sustainable & Eco-Friendly



IDEAL APPLICATIONS



OFFICES



AUDITORIUMS



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ABI WAVE SERIES

3D CORRUGATED PET ACOUSTIC PANELS

Curved Acoustic Baffles for Ceilings

Creating Rhythm. Controlling Sound.

Transform your ceilings with ABI Wave Series curved acoustic baffles – engineered to reduce reverberation, control unwanted noise, and enhance speech clarity while adding a bold architectural statement.

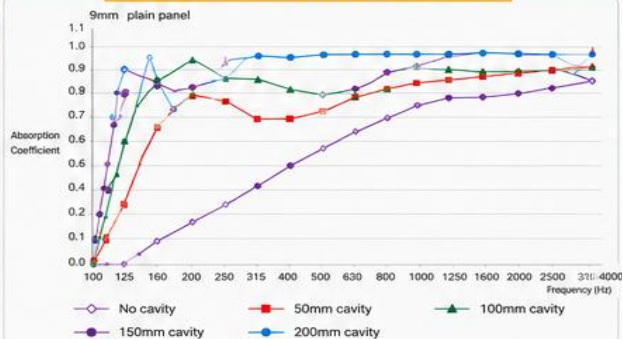
Crafted from recycled PET fiber, these lightweight and durable baffles are perfect for modern workplaces, cafeterias, collaboration zones, and breakout spaces.



NRC COMPARISON

Frequency (Hz)	100	125	160	200	250	315	400	630	800	1000	1250	1600	2000	2500	3150	4000	NRC
0mm	0.01	0.01	0.01	0.03	0.04	0.05	0.10	0.15	0.21	0.30	0.41	0.60	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



SUPERIOR
ACOUSTIC
PERFORMANCE



MADE FROM
RECYCLED PET
BOTTLES



LIGHTWEIGHT &
EASY INSTALLATION



DECORATIVE
CURVED
DESIGN



MULTIPLE
PROFILES &
COLOURS



FIRE RETARDANT
OPTIONS
AVAILABLE



DURABLE &
LOW
MAINTENANCE



SUITABLE FOR
CEILINGS



CUSTOMIZABLE
DIMENSIONS

AVAILABLE PROFILES



SOFT FLUTE



DEEP FLUTE



BROAD FLUTE



FINE FLUTE



CLASSIC FLUTE

IDEAL FOR



OFFICES



CAFETERIAS



COLLABORATION
ZONES



BREAKOUT
SPACES



EDUCATIONAL
INSTITUTIONS



RECEPTION
AREAS



STUDIOS



RESTAURANTS



RETAIL
SPACES



AND MORE



RECORDING ROOM



CONFERENCE ROOM



MEETING ROOM



FOCUS ROOM / POD



MEETING /
DISCUSSION AREA



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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



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on our product range or visit our website :-
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ABI WAVE SERIES

3D CORRUGATED PET ACOUSTIC PANELS

Curved Acoustic Baffles for Ceilings

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WHY CHOOSE ABI WAVE SERIES™ CURVED ACOUSTIC BAFFLES?



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YOUR TRUST.

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Reliable systems that ensure consistent quality and trust.



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CONTROL



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BARRIERS



SOUND
ABSORBERS



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at every step.



**INNOVATIVE
SOLUTIONS**

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technology for all spaces.



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MATERIALS**

Environmentally responsible
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