PackSound®

Beginning of a Peaceful Tomorrow

The Perfect Touch of

Acoustics

Acoustic Panel for **wall & Ceiling**

📞 +91 980 980 2016

🌐 Packsound.in

👤 Sales@Packsound.in

PROUDLY MADE IN INDIA

CERTIFIED ISO 9001 COMPANY

CERTIFIED ISO 14001 COMPANY

CERTIFIED ISO 45001 COMPANY

Indian Green Building Council
MEMBER

25+ Years of Excellence

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ABOUT US

Our Expertise, excellence & Commitment

PackSound®
Beginning of a Peaceful Tomorrow

Why PackSound®?

HIGH PERFORMANCE
Premium acoustic products with NRC ranging from 0.40 to 1.00.

SUPERIOR QUALITY
Crafted with premium-grade raw materials for unmatched quality.

LOW MAINTENANCE
Engineered for high performance, built for low maintenance

GREAT DURABILITY
Engineered for superior strength and long-lasting durability.

CUSTOMISABLE MODELS
Products designed to meet your unique requirements with assured performance.

ALL INDIA SERVICE
With 12 ground teams, we deliver services across every corner of India.

Packsound is India's leading brand in acoustical innovation designing, manufacturing, and installing premium Acoustic and soundproofing solutions that transform spaces. From concept to execution, we deliver end-to-end acoustic excellence.

Our mission is simple to enhance comfort, elevate performance, and shape a quieter future. With a deep focus on aesthetics, safety, and efficiency, our solutions are customised to meet the unique needs of modern environments.

Driven by innovation and precision, our team focuses on delivering solutions that meet modern standards of comfort, performance, safety, and aesthetics

Whether it's an auditorium, stadium, convention center, banquet hall, office, or classroom Packsound delivers precision acoustics where it matters most.

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PackSound | Engineering Acoustic Excellence

Founded with a vision to redefine sound control in India, Packsound began its journey under the leadership of Mr. Sanjeev Saraswat a name synonymous with precision engineering and trusted acoustical solutions for over 35 years. In 2015, he established our first manufacturing facility, laying the foundation for a brand built on performance, innovation, and integrity.

As customer trust deepened, so did our ambition. In 2018, we launched a state of the art R&D lab focused on high performance, application-specific acoustic solutions. What followed was a phase of rapid evolution marked by custom engineered systems across industrial, commercial, and architectural sectors.

In 2021, Mr. Abhinav Saraswat (Director) joined the leadership, bringing a bold vision and a focus on strategic growth. His direction led to partnerships with premier institutions like NIT Rourkela and IIT Kanpur, advancing our capabilities in product design, simulation, and performance testing.

By 2023, we scaled dramatically with two fully automated manufacturing plants, strengthening our production backbone and ensuring unmatched quality at scale.

That same year, Packsound expanded from just delivering products to validating performance. We launched a specialised Acoustic Testing & Simulation Division, equipped with Brüel & Kjær Class 1 instruments and advanced simulation software. With capabilities like RT60 Testing and Speech Intelligibility Analysis, Packsound became India's most dependable name in acoustic performance verification.

Today, Packsound India stands as a symbol of:

- Engineering excellence backed by legacy
- Cutting-edge innovation driven by research
- Trust and performance delivered across industries

We don't just manufacture acoustic products we engineer silence, verify its performance, and elevate the standard of what soundproofing means in India.

OUR STRENGTH

SCALE. SKILL. TRUST. NATIONWIDE & BEYOND.

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At PackSound®, we take pride in being one of India's most advanced and trusted names in acoustic manufacturing and solutions. Our capabilities are built on a foundation of cutting-edge infrastructure, highly trained professionals, and a reputation earned across sectors and continents.

State of the Art Manufacturing Infrastructure & Team of acoustic engineers

- 4 fully equipped manufacturing plants with total operational area of 2,52,860 square feet, enabling mass-scale production

- Hi-tech automated CNC machinery for both wood and metal processing, ensuring unmatched precision and consistency

- In-house facilities for Acoustic testing & product simulation, Sheet metal fabrication, CNC grooving & slat finishing, Powder coating, lamination & custom finishing, Panel assembly and modular system integration

- 250+ trained professionals, including mechanical engineers, acousticians, designers, and installation specialists

- Dedicated R&D and product development teams working on new materials and advanced acoustic configurations

- Ongoing technical training and safety compliance programs and Rapid deployment and on-site execution team for pan-India projects

- Nationwide Footprint & Global Reach Operational presence in all Indian states, with execution capability in metros and Tier-2/3 cities

- Overseas project experience with active partnerships and exports in Asia, Africa, and the Middle East A strong dealer and distributor network for scalable delivery and support

Sector-Wide Expertise

Commercial Architecture
offices, hotels, malls, hospitals, auditoriums, educational campuses

Automotive & Industrial
Engine test enclosures, Anechoic Chambers, Radio Frequency chambers

Acoustic R&D
In collaboration with premier institutes like IIT Kanpur and NIT Rourkela

Defence & Aerospace
Blast-proof acoustic doors, military-grade barrier systems

1900+ DOMESTIC PROJECTS COMPLETED

208+ INTERNATIONAL PROJECTS COMPLETED

1.5CR SQFT AREA ACOUSTICALLY TREATED

OUR MISSION

Delivering High-Performance Acoustics with Innovation and Integrity

Delivering smarter, quieter spaces through innovative acoustical solutions designed for performance, built for trust.

At Packsound, our mission is to create quieter, more comfortable, and acoustically optimized environments through innovative and reliable solutions. We are committed to designing and manufacturing high-quality soundproofing and acoustical products that meet the unique needs of every client—whether it's a large-scale auditorium, an industrial facility, a classroom, or a modern office. Our approach goes beyond just supplying products; we offer expert consultation, tailored designs, and precise on-site execution to ensure the best possible outcomes. Backed by advanced R&D, state-of-the-art manufacturing, and strategic collaborations with premier institutions like NIT Rourkela and IIT Kanpur, we strive to stay at the forefront of acoustic performance. We also believe in empowering our customers with knowledge educating them about the importance of acoustics, and helping them make informed decisions that enhance comfort, safety, and long-term value. Every project we undertake is driven by our dedication to quality, reliability, and customer satisfaction.

OUR VISION

Leading the Future of Acoustics in India with Precision and Purpose

At Packsound, our vision is to be the most trusted and innovative acoustics brand in India setting new standards in sound control, comfort, and design excellence. We aspire to lead the industry by delivering solutions that not only solve noise problems but also enhance the overall quality of life in the spaces we serve. Whether it's an industrial site, a learning environment, or a cultural venue, our goal is to make every space acoustically perfect, aesthetically pleasing, and functionally superior. We envision a future where every structure in India is built or upgraded with a deep understanding of acoustics—where noise pollution is actively reduced, and performance-based design becomes the norm. Through continuous innovation, ethical business practices, and a strong commitment to education and awareness, we aim to create a lasting impact on how acoustics is perceived and implemented across industries.

FROM OUR FOUNDER'S DESK

From Vision to Legacy: Three Decades of Acoustic Excellence

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"Packsound was built on a simple belief, quality, trust, and innovation must go hand in hand. From our first manufacturing unit to nationwide projects today, our goal remains the same to create acoustic solutions that truly make a difference."
— Mr. Sanjeev Saraswat, Founder, Ecotone Acoustic Limited

When I founded this company over three decades ago, my vision was clear to bring precision, reliability, and integrity to the field of acoustics in India. What began as a mission to solve noise related challenges in industrial environments has now grown into a nationally respected brand that serves architectural, commercial, and public spaces with the same passion and purpose.

At Packsound, we believe that true innovation lies in understanding the unique needs of every client and delivering solutions that go beyond expectations. Our journey has been one of constant learning, driven by the belief that quality and performance must never be compromised. From building our first manufacturing unit in 2015 to setting up advanced R&D facilities and now collaborating with top institutions like NIT Rourkela and IIT Kanpur, our focus has always been on delivering value through technology, trust, and transformation.

As we move forward, we remain deeply committed to advancing acoustic awareness, educating the market, and raising the benchmark of excellence in every project we undertake. I thank our clients, partners, and team members who have been part of this incredible journey.

"I believe Together, we'll continue to build a quieter, smarter, and more sound sensitive future"

OUR R&D & TECHNICAL COLLABORATION

Innovating Acoustics, Backed by India's Best Minds.

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At Packsound, innovation is more than a goal it is the engine that drives our continuous growth and technical excellence. To push the boundaries of what's possible in acoustic engineering, we have established strategic technical collaborations with two of India's most esteemed institutions **IIT Kanpur and NIT Rourkela.** These partnerships are focused on advanced research, product innovation, and applied acoustics, enabling us to co-develop and test next-generation acoustic solutions for a wide range of industries. Through these collaborations, we engage in:

1. **Joint R&D projects** to explore new sound-absorbing materials, structural acoustic behaviors, and performance optimisation techniques.
2. **Prototype development and validation** using advanced simulation tools and real-world testing in institutional labs.
3. **Acoustic modeling and predictive analysis** to ensure our products meet exacting standards of performance, reliability, and durability.
4. **Innovative product design** based on feedback from real-time industry use cases in sectors like infrastructure, automotive, defence, HVAC, energy, and manufacturing.
5. **Sustainability and compliance research** to develop eco-friendly and recyclable acoustic solutions aligned with international norms (ISO, LEED, GRIHA).

Our collaboration has already contributed to the development of high-performance acoustic panels, hybrid insulation systems, NVH test modules, and vibration-damping technologies, with ongoing work in AI-based acoustic mapping and smart sound control systems. This synergy between academia and industry allows us to stay ahead of global trends, bring scientifically validated innovations to market, and ensure that every product we manufacture is technologically superior, cost-effective, and future-ready. Together with IIT Kanpur and NIT Rourkela, we are committed to elevating acoustic science and engineering in India, creating solutions that not only meet present demands but are also designed for the future.

MESSAGE FROM OUR TEAM

The People Powering Acoustic Excellence

At Packsound, we are more than just a team we are a close-knit family of passionate engineers, acoustic designers, skilled technicians, project managers, and customer success specialists, all united by a shared purpose delivering world-class acoustic excellence that earns enduring trust. Our strength lies in the diverse expertise of our people, who bring together decades of experience across disciplines to develop innovative, high performance solutions tailored to the unique challenges of every client.

Each member of our team plays a vital role in our integrated approach from ideation and acoustic simulations to precision manufacturing, on site execution, and post installation support. We believe that true success lies not only in meeting technical benchmarks but in exceeding client expectations by enhancing comfort, functionality, and acoustic integrity in every environment we serve be it a bustling factory floor, a serene auditorium, or a collaborative workspace.

Our work culture fosters continuous learning, open communication, and a deep sense of responsibility. Whether we are co-developing solutions with architects and consultants, running detailed tests in our R&D labs, or delivering critical installations on site, we uphold the highest standards of professionalism, safety, and technical accuracy. Every project is approached with meticulous care, guided by our core values of quality, transparency, and long-term partnership.

At Packsound, we don't just build acoustic systems we build confidence, relationships, and environments that sound better, perform better, and feel better.

— Team Packsound

Safe. Skilled. On Schedule
Fast, Reliable, and Professional Installation Services
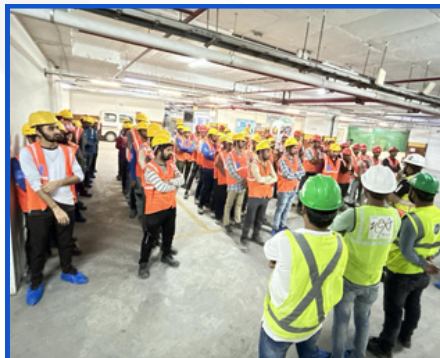
EXPERT TEAM

We have an in-house team of installation experts dedicated to ensuring fast, accurate, and hasslefree product installation with a strong focus on quality and precision. Installation needs perfection.

PPE SAFETY

Our team members are fully equipped with personal protective equipment (PPE) to prevent and maintain a safe, secure working environment throughout every stage of the project.
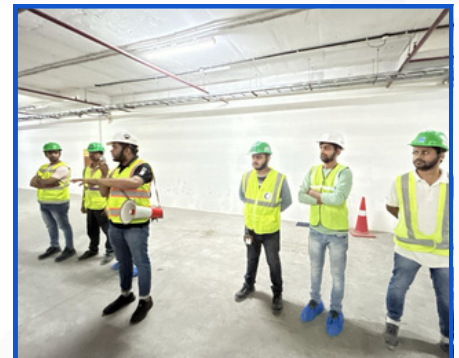
SITE MONITORING

Our site engineer closely monitor on-site execution, ensure adherence to design specifications, and coordinate directly with the client. This ensure seamless and smooth, quality-driven project delivery.

DAILY PLANNING

A brief execution session is conducted before the start of work each day to align the team on the day's tasks and address any site-specific concerns. This practice helps fast project completion.

FIRST AIDERS

Our team is trained to handle emergency medical situations, ensuring quick response and reduced life risks. This preparedness is crucial for safety and responsible project execution.

TRAINED FIREMEN

Our team members and site engineers are trained in emergency fire response to prevent loss of life, safeguard assets, and minimize project disruption during unforeseen incidents.

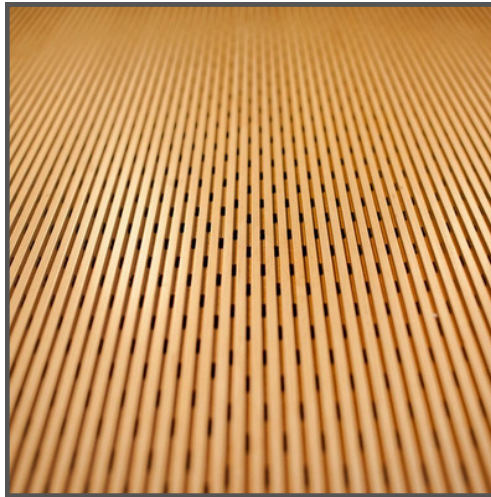# EchoStop®

Acoustic Panels for Walls

MODELS
SPECIFICATIONS
CODES

Quiet elegance
for modern interiors

EchoStop™ Grooved Wooden Slat

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The PackSound EchoStop™ Grooved Wooden Slats are premium architectural acoustic panels that blend aesthetic sophistication with high-performance sound control. Designed with precision-cut surface grooves and micro-perforations on the rear, these panels effectively reduce reverberation, suppress ambient noise, and enhance speech clarity across a wide range of interior applications.

For optimal acoustic performance, the panels can be used in combination with acoustic backing materials such as mineral wool or polyester felt. This makes them ideal for modern commercial, hospitality, and institutional spaces seeking both visual elegance and functional acoustic enhancement.

APPLICATION AREAS

1. Auditoriums & Theatres
2. Conference Rooms
3. Corporate Offices
4. Home Theatres
5. Educational Institutions
6. Hotels & Lounges
7. Recording Studios

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.95 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from different stunning finishes crafted to complement any space
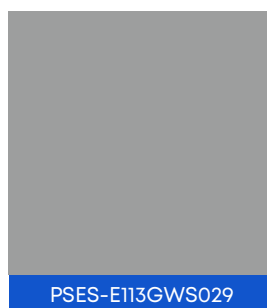- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSES-GWS001	
PARAMETER	**SPECIFICATIONS**
Core Material	MDF / HDHMR
Model D&B	575 x 2420 (customisable)
D&B Installation	GI framework and Z clamp on wall
Model T&G	2440mm x 192mm (customisable)
T&G Installation	Aluminium channel and clip
Groove Width	3.2mm (customisable)
Groove Spacing	13mm / 28mm (customisable)
NRC Value	0.95 (with backing)
Critical Frequency (fc)	1.45 at 500Hz
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Sabin Value	1.47 at 1000Hz
Fire Resistance	Class-1 as per BS476 (P-7):1997
Formaldehyde	E2 - 8 < FC ≤ 30
Available Finish	Available in natural wood veneer, melamine, or laminate finishes
Eco-Friendly & Safe	Formaldehyde-free with low VOC

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PSES-E209GWS002	PSES-E211GWS003	PSES-E206GWS004	PSES-E229GWS005	PSES-E207GWS006
PSES-E203GWS007	PSES-E219GWS008	PSES-E225GWS009	PSES-E221GWS010	PSES-E220GWS011
PSES-E224GWS012	PSES-P213GWS013	PSES-E216GWS014	PSES-E201GWS015	PSES-E202GWS016
PSES-E208GWS017	PSES-E205GWS018	PSES-E305GWS019	PSES-E304GWS020	PSES-E218GWS021
PSES-P118GWS022	PSES-P120GWS023	PSES-P117GWS024	PSES-E121GWS025	PSES-E123GWS026
PSES-E104GWS027	PSES-P111GWS028	PSES-E113GWS029	PSES-P114GWS030	PSES-E124GWS031

EchoStop™ Perforated Panel

The PackSound EchoStop™ Perforated Acoustic Panels are engineered for interiors where acoustic comfort and refined design go hand in hand. These high-performance panels feature a precisely perforated surface that allows sound waves to pass through and be absorbed by an underlying acoustic layer, significantly reducing echo, background noise, and reverberation.

Constructed using fire-rated MDF or HDF cores with optional acoustic fleece or mineral wool backing, EchoStop™ panels deliver a seamless balance of form, function, and safety. The perforation pattern can be customised to meet design and performance needs without compromising on aesthetics.

APPLICATION AREAS

1. Auditoriums & Theatres
2. Conference Rooms
3. Corporate Offices
4. Home Theatres
5. Educational Institutions
6. Hotels & Lounges
7. Recording Studios

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0..95 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
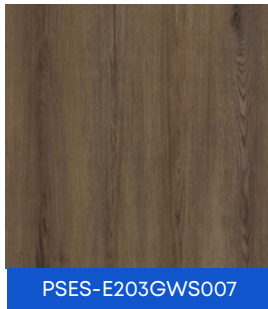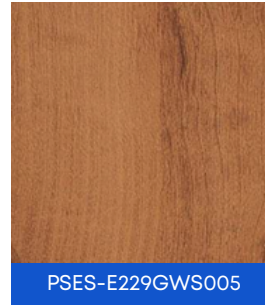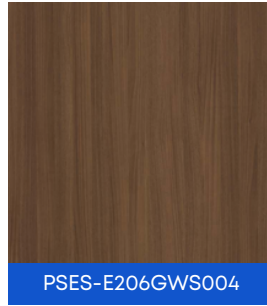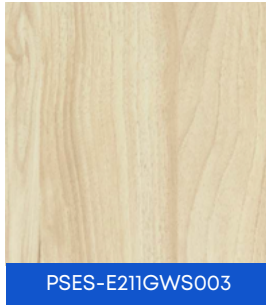- Choose from different stunning finishes crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
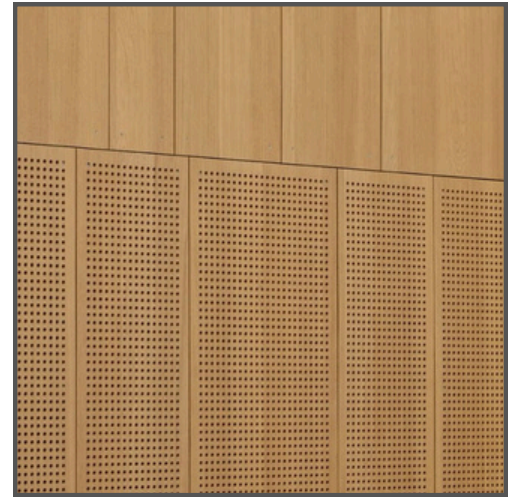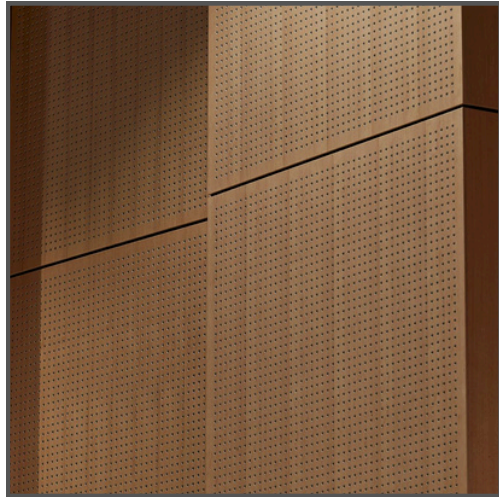- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSES-0PP032	
PARAMETER	SPECIFICATIONS
Core Material	MDF / HDHMR
Model D&B	575 x 2420 (customisable)
D&B Installation	GI framework and Z clamp on wall
Model T&G	2440mm x 192mm (customisable)
T&G Installation	Aluminium channel and clip
Perforation size	4mm / 6mm / 8mm / 10mm
Perforation Type	Square and Diamond (customisable)
NRC Value	0.95 (with backing)
Critical Frequency (fc)	1.45 at 500Hz
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Sabin Value	1.47 at 1000Hz
Fire Resistance	Class-1 as per BS476 (P-7):1997
Formaldehyde	E2 - 8 < FC ≤ 30
Available Finish	Available in natural wood veneer, melamine, or laminate finishes
Eco-Friendly & Safe	Formaldehyde-free with low VOC

PSES-E209PP033	PSES-E211PP034	PSES-E206PP035	PSES-E229PP036	PSES-E207PP037
PSES-E203PP038	PSES-E219PP039	PSES-E225PP040	PSES-E221PP041	PSES-E220PP042
PSES-E224PP043	PSES-P213PP044	PSES-E216PP045	PSES-E201PP046	PSES-E202PP047
PSES-E208PP048	PSES-E205PP049	PSES-E305PP050	PSES-E304PP051	PSES-E218PP052
PSES-P118PP053	PSES-P120PP054	PSES-P117PP055	PSES-E121PP056	PSES-E123PP057
PSES-E104PP058	PSES-P111PP059	PSES-E113PP060	PSES-P114PP061	PSES-E124PP062

PackSound®
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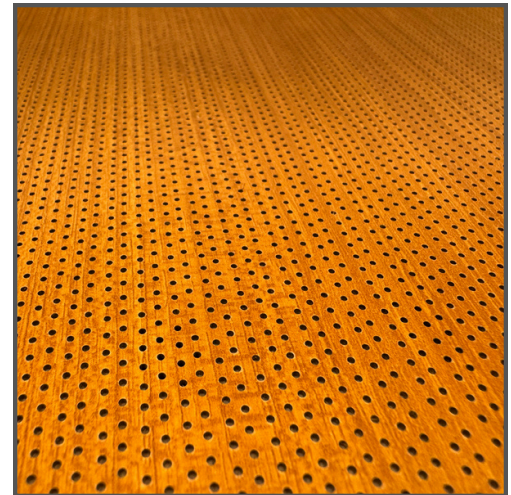
The PackSound EchoStop™ Micro Perforated Panels are cutting-edge acoustic solutions designed to offer superior sound absorption with a sleek, seamless finish. Engineered with ultra-fine perforations (typically <1 mm in diameter), these panels allow sound waves to pass through and dissipate into the acoustic core, delivering exceptional noise reduction without visibly compromising the panel surface.

Unlike traditional perforated panels, the micro perforation pattern blends almost invisibly into the surface, making EchoStop™ ideal for high-end interior spaces where aesthetics and acoustics are both priorities.

APPLICATION AREAS

1. Auditoriums & Theatres
2. Conference Rooms
3. Corporate Offices
4. Home Theatres
5. Educational Institutions
6. Hotels & Lounges
7. Recording Studios

Proudly crafted in India using advanced indigenous acoustic technology

Designed for minimal maintenance and maximum efficiency

NRC up to 0.95 with advanced acoustic layering

Durability of up to 10 years with proper care and maintenance.

Choose from different stunning finishes crafted to complement any space

Crafted from eco-conscious materials with an ultra-low carbon footprint

Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSES-MPP063	
PARAMETER	**SPECIFICATIONS**
Core Material	MDF / HDHMR
Model D&B	575 x 2420 (customisable)
D&B Installation	GI framework and Z clamp on wall
Model T&G	2440mm x 192mm (customisable)
T&G Installation	Aluminium channel and clip
Front Perforation size	1mm to 1.8mm
Base Perforation size	10mm
Perforation Type	Square and Diamond (customisable)
NRC Value	0.95 (with backing)
Critical Frequency (fc)	1.45 at 500Hz
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Sabin Value	1.47 at 1000Hz
Fire Resistance	Class-1 as per BS476 (P-7):1997
Available Finish	Available in laminate finishes and digital printed finishes
Eco-Friendly & Safe	Formaldehyde-free with low VOC

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PSES-5082HDGMPP064	PSES-608HDGMPP065	PSES-777HDGMPP066	PSES-5339SUDMPP067	PSES-5523HDGMPP068
PSES-5382TRCMPP069	PSES-5329SUDMPP070	PSES-690SUDMPP071	PSES-5333ARAMPP072	PSES-5320HSCMPP073
PSES-743SUDMPP074	PSES-681SUDMPP075	PSES-695SUDMPP076	PSES-633SUDMPP077	PSES-5018SUDMPP078
PSES-5347SUDMPP079	PSES-5381SUDMPP080	PSES-5049SUDMPP081	PSES-5375TRCMPP082	PSES-5425SUDMPP083
PSES-5031SUDMPP084	PSES-5529SUDMPP085	PSES-5520SUDMPP086	PSES-5517SUDMPP087	PSES-5327SUDMPP088
PSES-101HDGMPP089	PSES-5380HDGMPP090	PSES-5524HDGMPP091	PSES-141HDGMPP092	PSES-5380HDGMPP093

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The PackSound EchoStop™ Fabric Wrapped Panels are premium acoustic solutions designed to enhance sound quality while elevating interior aesthetics. Wrapped in high-quality acoustic fabric over a high-density fiberglass or mineral wool core, these panels effectively absorb mid to high-frequency sound, reducing echo, reverberation, and ambient noise in a wide range of spaces.

Crafted for elegance and performance, EchoStop™ panels offer a seamless blend of customisable finishes, superior NRC ratings, and clean architectural lines making them a perfect choice for auditoriums, boardrooms, studios, theatres, and luxury interiors.

APPLICATION AREAS

1. Auditoriums & Theatres
2. Conference Rooms
3. Corporate Offices
4. Home Theatres
5. Educational Institutions
6. Hotels & Lounges
7. Recording Studios

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.95 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
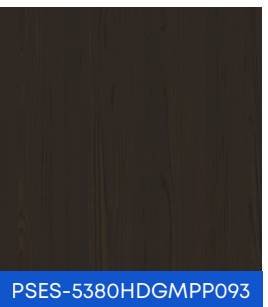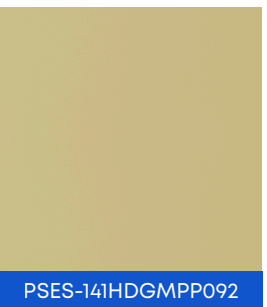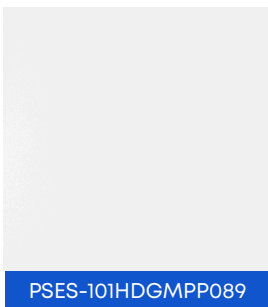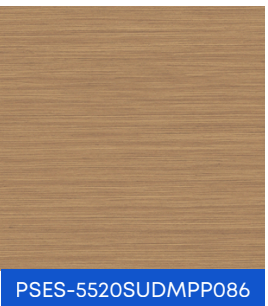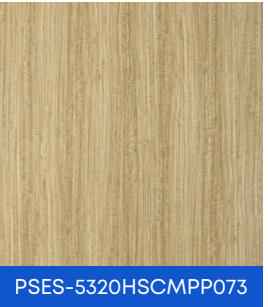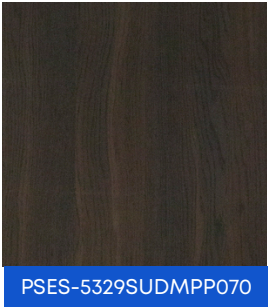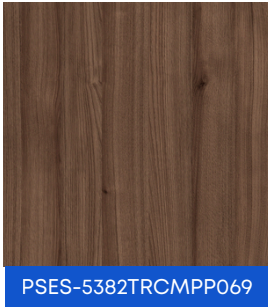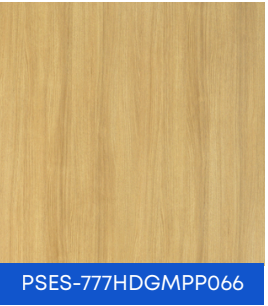- Choose from different stunning finishes crafted to complement any space
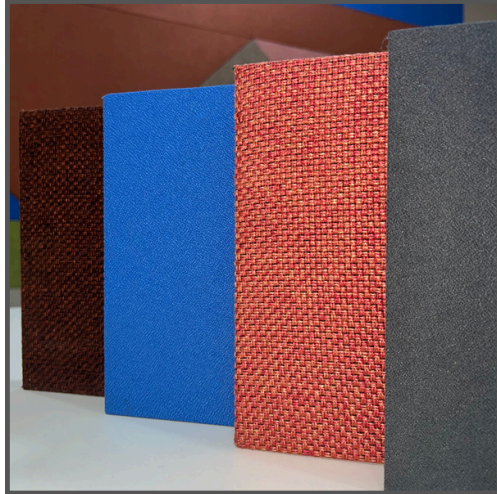- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSES-FWP094

PARAMETER	SPECIFICATIONS
Core Material	Glassfiber / Wood wool / Semi rigid foam
Surface Finish	Acoustically Transparent Fabric (Custom Colors & Textures Available)
Panel Thickness	25 mm, 50 mm, 75 mm (customisable)
Panel Sizes	600×600 mm, 600×1200 mm, 1200×1200 mm, Custom sizes available
Mounting Options	Impalers, Z-Clips, Adhesive
Weight	Approx. 2.5–4.5 kg/m² (depends on thickness)
NRC Value	0.95 (depending on thickness)
Critical Frequency (fc)	1.45 at 500Hz
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Sabin Value	1.47 at 1000Hz
Fire Resistance	Class-1 as per BS476 (P-7):1997 with FR-rated fabric and core
Environmental Compliance	Low-VOC, Formaldehyde-Free, Recyclable Core Materials

EchoStop™ Fabric Wrapped Panel Shade Codes
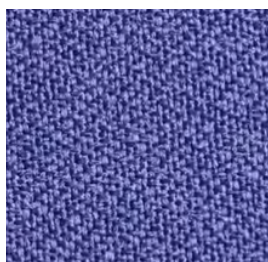
PSES-M416FWP095	PSES-F163FWP096	PSES-M415FWP097	PSES-M413FWP098	PSES-F174FWP099
PSES-F187FWP100	PSES-MS433FWP101	PSES-F132FWP102	PSES-MS437FWP103	PSES-F154FWP104
PSES-F193FWP105	PSES-F137FWP106	PSES-MS427FWP107	PSES-F181FWP108	PSES-F149FWP109
PSES-F131FWP110	PSES-F148FWP111	PSES-F1021FWP112	PSES-F180FWP113	PSES-F117FWP114
PSES-MS401FWP115	PSES-F102FWP116	PSES-F108FWP117	PSES-MS405FWP118	PSES-F169FWP119
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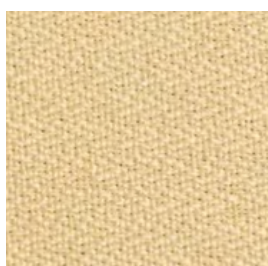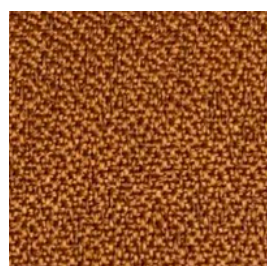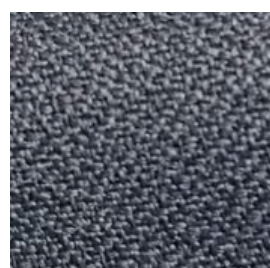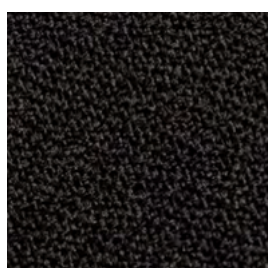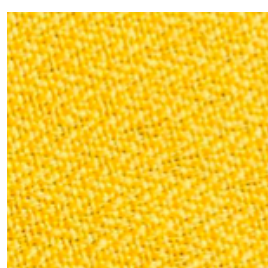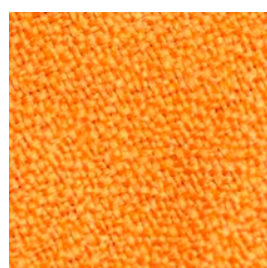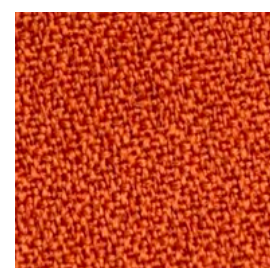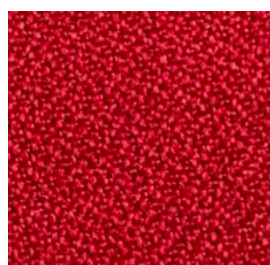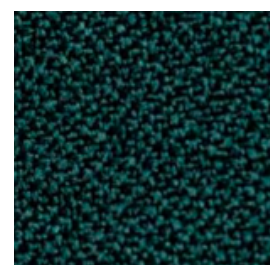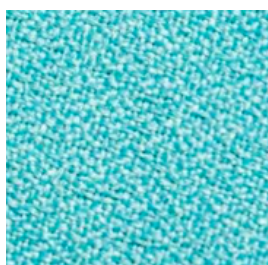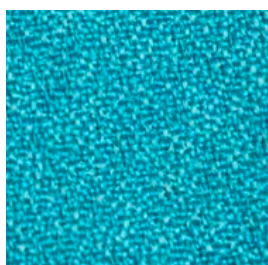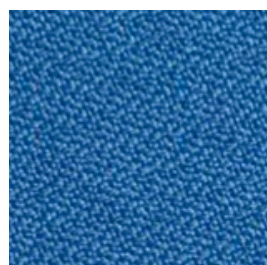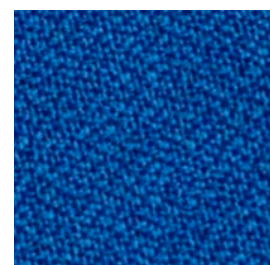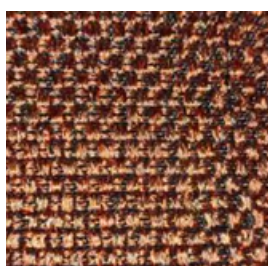
EchoStop™ Composite Panel

PackSound®
Beginning of a Peaceful Tomorrow
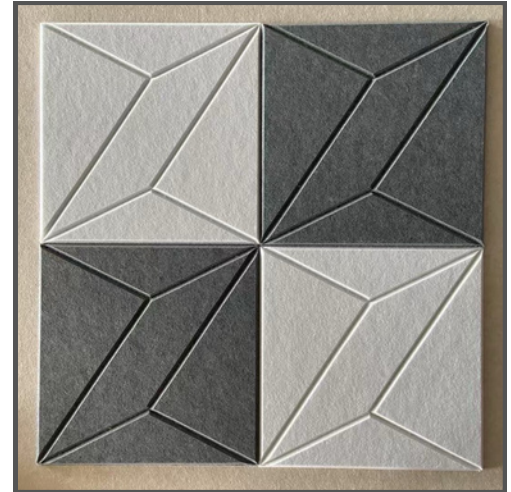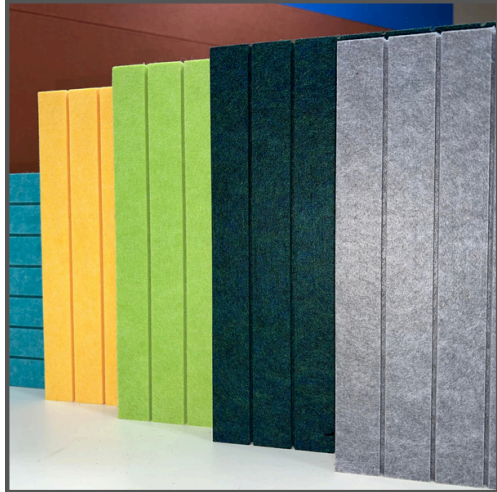
The PackSound EchoStop™ Composite Panels are advanced acoustic solutions engineered for both performance and durability, making them ideal for demanding interior environments. These panels feature a perforated MDF or HDHMR base layer factory-bonded onto a 9mm PET acoustic core, creating a robust, sound-absorbing unit that combines high NRC, mechanical strength, and modern aesthetics.

The perforated surface allows sound to penetrate through to the PET layer, which efficiently absorbs mid to high-frequency sound energy. This construction not only enhances acoustic performance but also provides excellent stability, impact resistance, and ease of installation.

APPLICATION AREAS

1. Auditoriums & Theatres
2. Conference Rooms
3. Corporate Offices
4. Home Theatres
5. Educational Institutions
6. Hotels & Lounges
7. Recording Studios

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.95 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from different stunning finishes crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
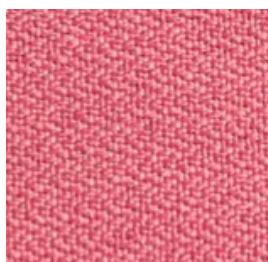- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSES-0CP125	
PARAMETER	**SPECIFICATIONS**
Base Material	11-16mm MDF / HDHMR
Surface Finish	9mm / 12mm PET Acoustic Panel
Panel Thickness	20mm / 25mm / 30mm (customisable)
Panel Sizes	575 x 2420 (customisable)
Perforation Type	Square and Diamond (customisable)
Perforation size	4mm / 6mm / 8mm / 10mm
Mounting Options	GI framework and Z clamp on wall
Finish Options (PET)	Over 30 colors
NRC Value	0.95 (with backing)
Critical Frequency (fc)	1.45 at 500Hz
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Sabin Value	1.47 at 1000Hz
Fire Resistance	Optional Class B or Class A (with FR MDF/HDHMR and B1 PET)
Environmental Compliance	PET: 100% Recycled & Recyclable, Low-VOC, Formaldehyde-free base

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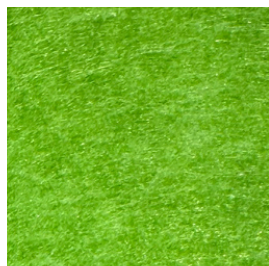
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PSES-27CP136	PSES-105CP137	PSES-35CP138	PSES-81CP139	PSES-84CP140
PSES-31CP141	PSES-38CP142	PSES-36CP143	PSES-11CP144	PSES-18CP145
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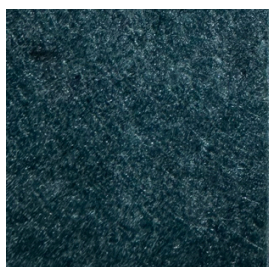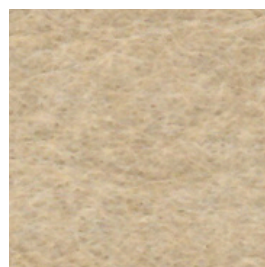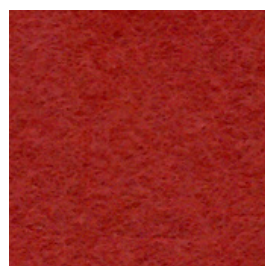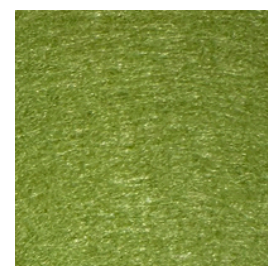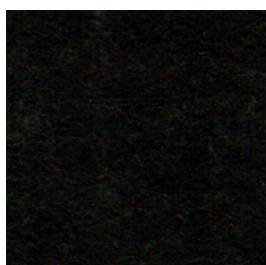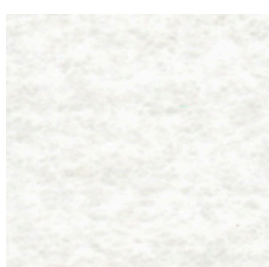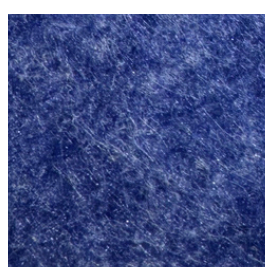
EchoStop™ Wood Fiber Panel

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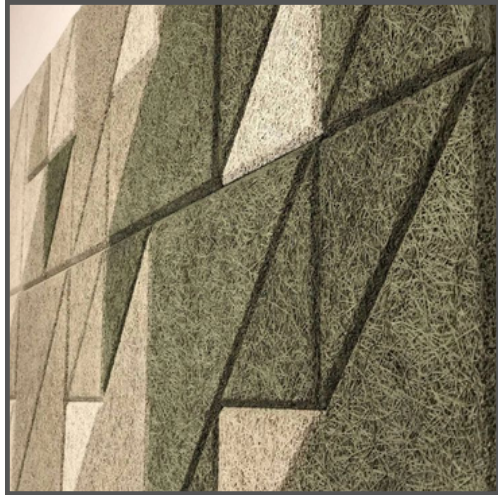
The PackSound EchoStop™ Wood Fiber Panels are high-performance acoustic panels made from compressed wood wool bonded with cementitious material, offering a unique combination of natural aesthetics, thermal insulation, and excellent sound absorption. Designed for both functional acoustic performance and architectural expression, these panels are ideal for ceilings and wall applications in diverse environments.

Manufactured using environmentally friendly materials, EchoStop™ panels contribute to sustainable design goals while providing a rugged, textured finish that blends beautifully in modern, industrial, and minimalist interiors.

APPLICATION AREAS

1. Auditoriums & Theatres
2. Conference Rooms
3. Corporate Offices
4. Home Theatres
5. Educational Institutions
6. Hotels & Lounges
7. Recording Studios

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.85 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from different stunning finishes crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSES-0WFP156	
PARAMETER	**SPECIFICATIONS**
Material Composition	Wood wool (pine) + cement + Binder
Density	400 – 500 kg/m³
Panel Thickness	15 mm / 20 mm / 25 mm (customisable)
Panel Sizes	1200 × 600 mm, 600 × 600 mm, or customized dimensions
Surface Texture	Coarse / Medium / Fine (fiber width: 1.0–2.0 mm)
Mounting Options	On GI framework and Direct screw, T-grid system, or concealed mounting
Finish Options	Natural, painted (RAL/NCS), pigmented, or exposed cement look
NRC Value	Up to 0.85 (with air gap or additional insulation)
Thermal Conductivity	~0.065 W/m·K
Fire Resistance	Class B-s1, d0 (EN 13501-1)
Eco Compliance	Formaldehyde-free, recyclable, VOC-free, LEED credit compatible

EchoStop™ Wood Fiber Panel Shade Codes

PSES-X104WFP157	PSES-4120WFP158	PSES-8331WFP159	PSES-0A40WFP160	PSES-7159WFP161
PSES-0U29WFP162	PSES-7570WFP163	PSES-7971WFP164	PSES-342WFP165	PSES-7325WFP166
PSES-520WFP167	PSES-5155WFP168	PSES-7215WFP169	PSES-X125WFP170	PSES-X134WFP171
PSES-9383WFP172	PSES-427WFP173	PSES-7869WFP174	PSES-7773WFP175	PSES-7653WFP176
PSES-7833WFP177	PSES-7051WFP178	PSES-342WFP179	PSES-8709WFP180	PSES-7951WFP181
PSES-8603WFP182	PSES-8610WFP183	PSES-8337WFP184	PSES-2425WFP185	PSES-9514WFP186

EchoStop™ CNC PET Panel

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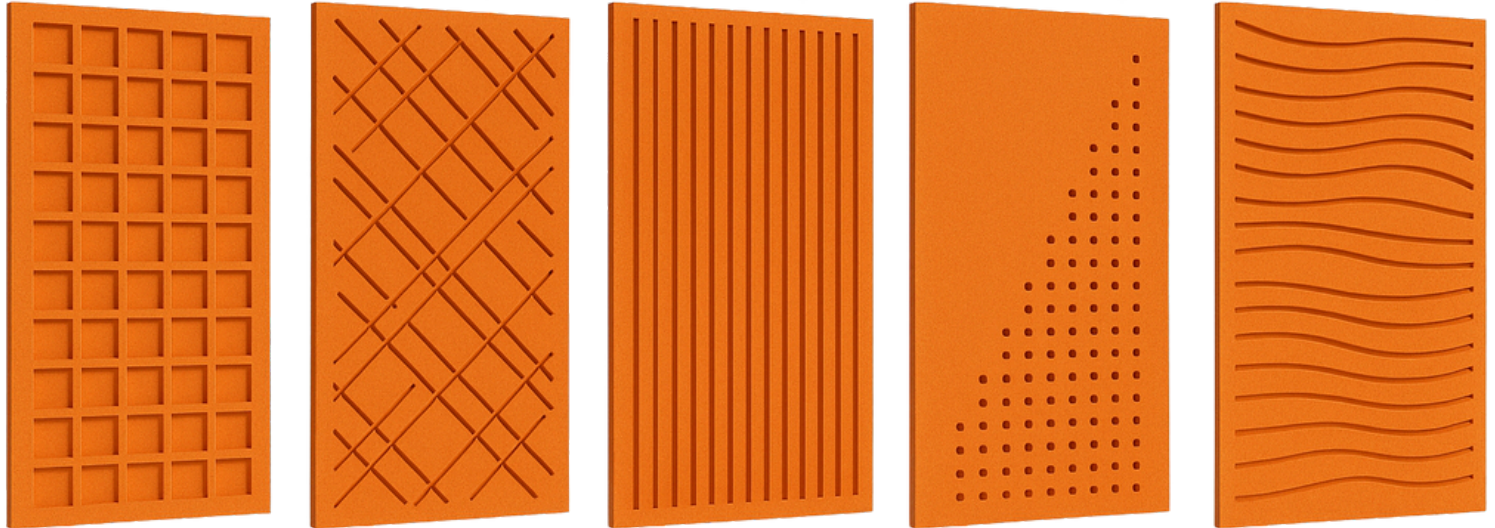
EchoStop™ CNC PET Panels are precision-cut acoustic panels crafted from high-density polyester fiber (PET) using CNC machining technology to create visually striking patterns without compromising acoustic performance. These panels offer a perfect balance of design, durability, and sound absorption, making them ideal for modern interiors where aesthetics and acoustics go hand in hand. Made from 100% recycled PET, the panels are lightweight, easy to install, and highly effective at absorbing mid- to high-frequency noise. The CNC-routed patterns not only add architectural depth but also enhance diffusion and reverberation control ideal for commercial, hospitality, educational, and creative environments.

APPLICATION AREAS

1. Auditoriums & Theatres
2. Conference Rooms
3. Corporate Offices
4. Home Theatres
5. Educational Institutions
6. Hotels & Lounges
7. Recording Studios

Proudly crafted in India using advanced indigenous acoustic technology

Designed for minimal maintenance and maximum efficiency

NRC up to 0.90 with advanced acoustic layering

Durability of up to 10 years with proper care and maintenance.

Choose from different stunning finishes crafted to complement any space

Crafted from eco-conscious materials with an ultra-low carbon footprint

Customisable design tailored to suit location-specific requirements.
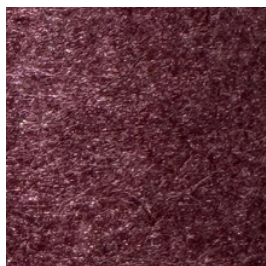
PRODUCT CODE: PSES-0CPP187	
PARAMETER	**SPECIFICATIONS**
Material Composition	100% Recycled Polyester Fiber (PET)
Density	180−220 kg/m³
Panel Thickness	9 mm / 12 mm / 25mm / 50mm (customisable)
Panel Sizes	1200 × 2400 mm (custom sizes available)
Mounting Options	Adhesive, Z-clips, screw-fastened, or modular frame systems
Design Pattern	Custom CNC-routed geometric, linear, or organic designs
Color Options	30+ solid shades, dual-tone, printed, or custom-dyed options
NRC Value	0.75 − 0.90 (depending on thickness)
Fire Resistance	B1 (EN 13501-1), ASTM E84 Class B (optional Class A variant)
Eco Compliance	Made from 60%+ post-consumer PET, formaldehyde-free, low-VOC, fully recyclable

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PSES-17CPP188	PSES-41CPP189	PSES-10CPP190	PSES-37CPP191	PSES-118CPP192
PSES-40CPP193	PSES-26CPP194	PSES-44CPP195	PSES-113CPP196	PSES-7CPP197
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PSES-31CPP203	PSES-38CPP204	PSES-36CPP205	PSES-11CPP206	PSES-18CPP207
PSES-19CPP208	PSES-12CPP209	PSES-32CPP210	PSES-3CPP211	PSES-2CPP212
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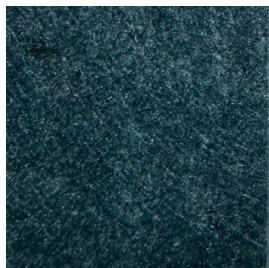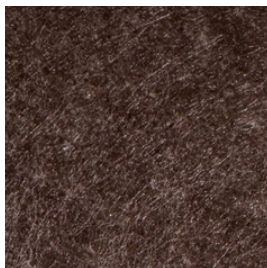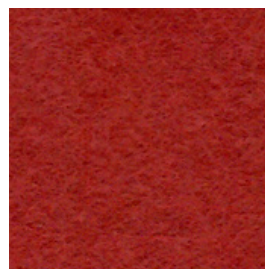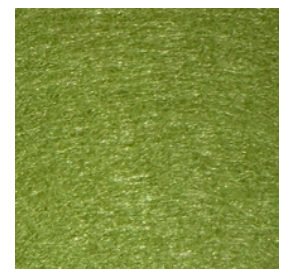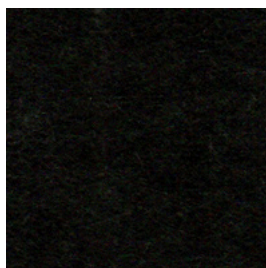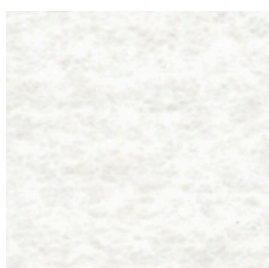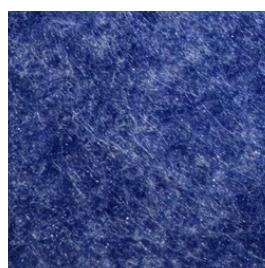
PerfoAudile®

Acoustic Tiles & Clouds for Ceiling

MODELS
SPECIFICATIONS
CODES

Where Ceilings Whisper
Luxury
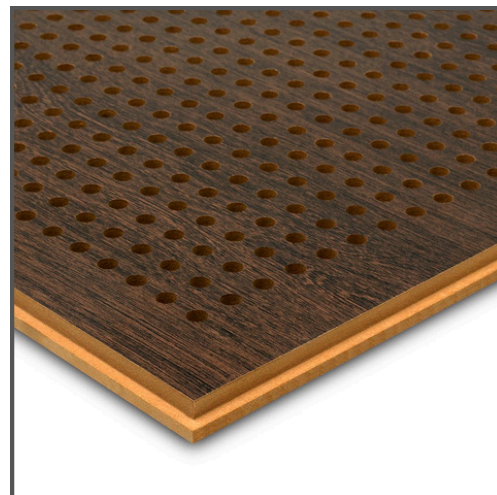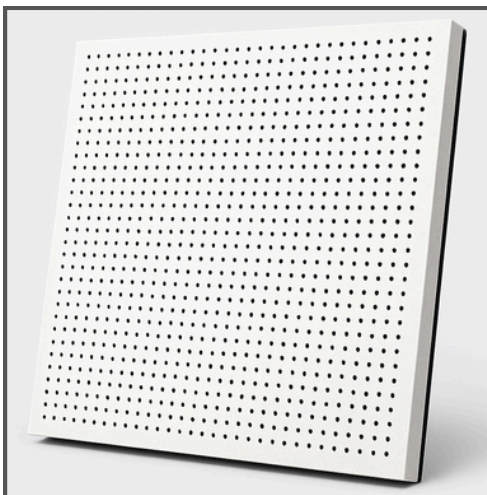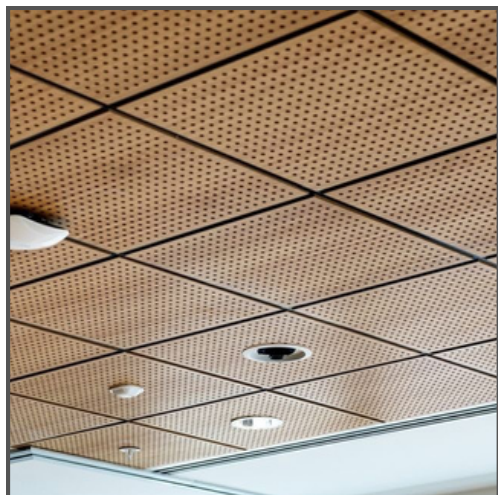
Packsound PerfoAudile™ Perforated tiles are high-performance perforated acoustic ceiling tiles designed to combine precise sound control with clean, modular aesthetics. Engineered with perforated MDF or HDF boards, these tiles are backed with acoustic fleece or mineral wool to deliver exceptional sound absorption in open-plan and large-volume spaces.

The perforation patterns are optimised to disperse sound waves, reduce reverberation, and improve speech clarity making PerfoAudile™ Perforated tiles the ideal choice for offices, classrooms, hospitals, conference rooms, and commercial ceilings.

APPLICATION AREAS

1. Auditoriums & Theatres
2. Conference Rooms
3. Corporate Offices
4. Home Theatres
5. Educational Institutions
6. Hotels & Lounges
7. Recording Studios

Proudly crafted in India using advanced indigenous acoustic technology

Designed for minimal maintenance and maximum efficiency

NRC up to 0.95 with advanced acoustic layering

Durability of up to 10 years with proper care and maintenance.

Choose from different stunning finishes crafted to complement any space

Crafted from eco-conscious materials with an ultra-low carbon footprint

Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSPA-PCT218	
PARAMETER	**SPECIFICATIONS**
Core Material	MDF / HDHMR
Backing	Black Acoustic Fleece / Mineral Wool
Tile Sizes	595 × 595 mm / 595 × 1195 mm / Custom
Tile Thickness	11mm (customisable)
Perforation size	4mm / 6mm / 8mm / 10mm
Perforation Type	Square and Diamond (customisable)
Edge Profile	Square / Tegular
Installation	T-Grid Ceiling System / Lay-in or Clip-in
NRC Value	0.95 (with backing)
Critical Frequency (fc)	1.45 at 500Hz
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Sabin Value	0.639 Sabins per tile
Fire Resistance	Class-1 as per BS476 (P-7):1997
Available Finish	Natural wood veneer or melamine
Eco Compliance	Low-VOC, Formaldehyde-free core available, recyclable materials

PackSound®
Beginning of a Peaceful Tomorrow

PSPA-E209PCT219	PSPA-E211PCT220	PSPA-E206PCT221	PSPA-E229PCT222	PSPA-E207PCT223
PSPA-E203PCT224	PSPA-E219PCT225	PSPA-E225PCT226	PSPA-E221PCT227	PSPA-E220PCT228
PSPA-E224PCT229	PSPA-P213PCT230	PSPA-E216PCT231	PSPA-E201PCT232	PSPA-E202PCT233
PSPA-E208PCT234	PSPA-E205PCT235	PSPA-E305PCT236	PSPA-E304PCT237	PSPA-E218PCT238
PSPA-P118PCT239	PSPA-P120PCT240	PSPA-P117PCT241	PSPA-E121PCT242	PSPA-E123PCT243
PSPA-E104PCT244	PSPA-P111PCT245	PSPA-E113PCT246	PSPA-P114PCT247	PSPA-E124PCT248

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The PerfoAudile™ MicroPerforated Ceiling Tile is a next-generation acoustic tile engineered for environments where refined aesthetics and premium sound control go hand-in-hand. Featuring micro perforations (0.5–1.2 mm diameter) barely visible to the naked eye, these tiles allow sound waves to pass through to the integrated acoustic fleece or mineral wool backing delivering exceptional absorption without visual clutter.

Designed for luxury interiors, corporate environments, and high-performance spaces, the micro perforated design offers a seamless finish with discreet acoustical power.

APPLICATION AREAS

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- Choose from different stunning finishes crafted to complement any space
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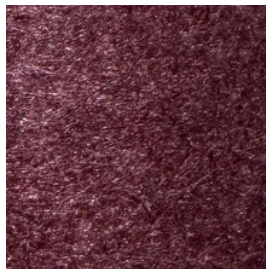| PRODUCT CODE: PSPA-MCT249	
PARAMETER	**SPECIFICATIONS**
Core Material	MDF / HDHMR
Backing	Black Acoustic Fleece
Front Perforation size	1mm to 1.8mm
Base Perforation size	10mm
Perforation Pattern	Square and Diamond (customisable)
Tile Sizes	595×595 mm / 595×1195 mm / Custom
Tile Thickness	11mm (customisable)
Edge Profile	Square / Tegular
NRC Value	0.9 (with backing)
Critical Frequency (fc)	1.45 at 500Hz
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Sabin Value	1.47 at 1000Hz
Fire Resistance	Class-1 as per BS476 (P-7):1997
Available Finish	Available in laminate finishes and digital printed finishes
Eco-Friendly & Safe	Formaldehyde-free with low VOC

PackSound®
Beginning of a Peaceful Tomorrow

PSPA-5082HDGMCT250	PSPA-608HDGMCT251	PSPA-777HDGMCT252	PSPA-5339SUDMCT253	PSPA-5523HDGMCT254
PSPA-5382TRCMCT255	PSPA-5329SUDMCT256	PSPA-690SUDMCT257	PSPA-5333ARAMCT258	PSPA-5320HSCMCT259
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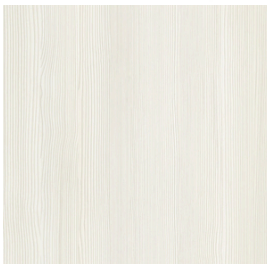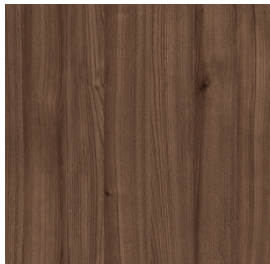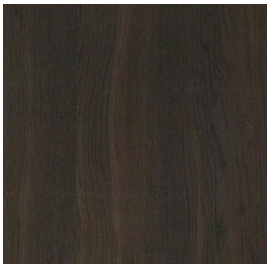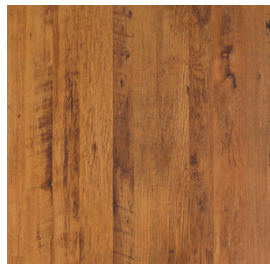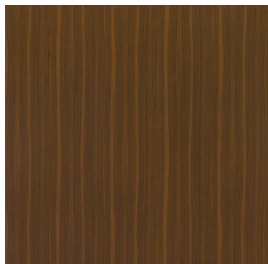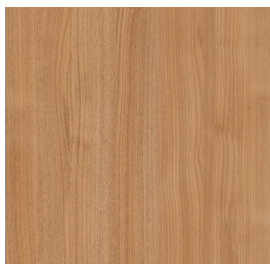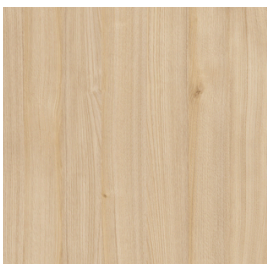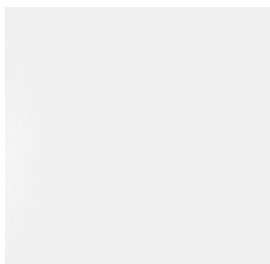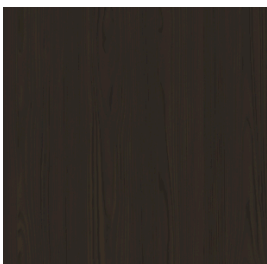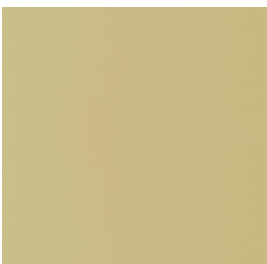
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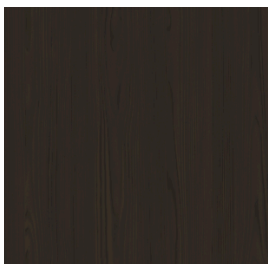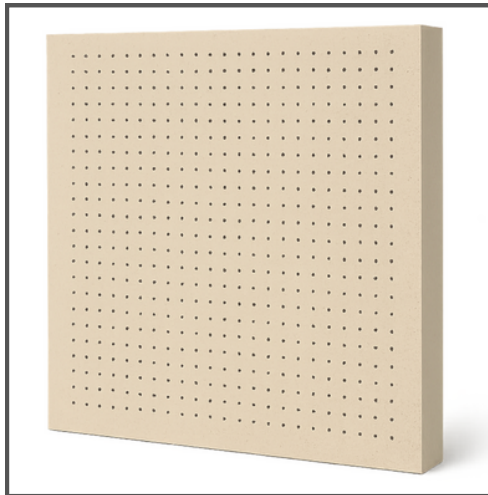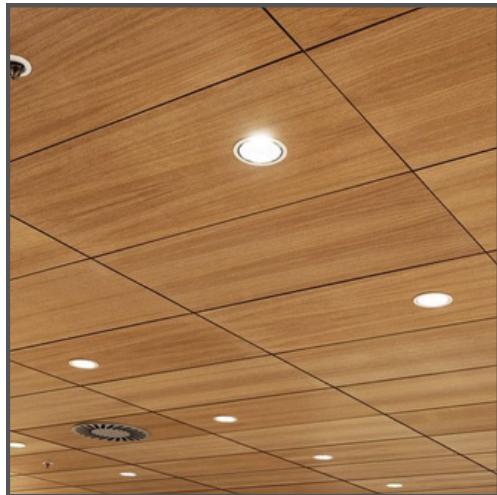
The PerfoAudile™ FeatherLite Ceiling Tile is an advanced acoustic ceiling system featuring a 25mm thick UHAVC core with a precision-engineered mica laminate front face. This ultra-lightweight yet structurally rigid tile is micro-perforated with holes ranging from 1–1.8mm, allowing exceptional sound absorption without any additional acoustic backing.

With an NRC of 0.85, FeatherLight is the ideal solution for spaces that demand both aesthetic finesse and acoustic clarity from boardrooms and showrooms to studios and premium auditoriums.

APPLICATION AREAS

1. Auditoriums & Theatres
2. Conference Rooms
3. Corporate Offices
4. Home Theatres
5. Educational Institutions
6. Hotels & Lounges
7. Recording Studios

Proudly crafted in India using advanced indigenous acoustic technology

Designed for minimal maintenance and maximum efficiency

NRC up to 0.85 with advanced acoustic layering

Durability of up to 10 years with proper care and maintenance.

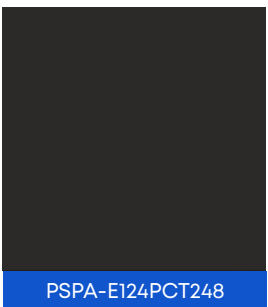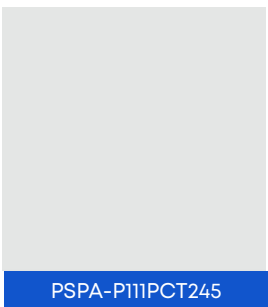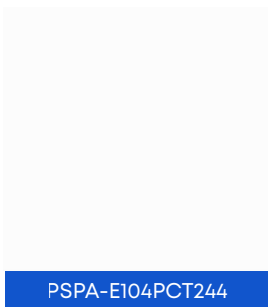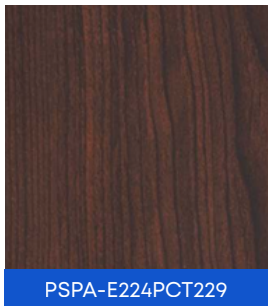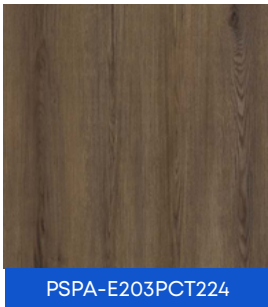Choose from different stunning finishes crafted to complement any space

Crafted from eco-conscious materials with an ultra-low carbon footprint

Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSPA-FCT280	
PARAMETER	SPECIFICATIONS
Core Material	UHAVC
Front Perforation size	1mm to 1.8mm
Front Finish	Mica Laminate
Perforation Pattern	Square and Diamond (customisable)
Tile Sizes	595×595 mm / 595×1195 mm / Custom
Tile Thickness	25 mm
Edge Profile	Concealed Square edge
NRC Value	0.85
Critical Frequency (fc)	1.45 at 500Hz
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Sabin Value	1.47 at 1000Hz
Fire Resistance	Class B-s1, d0 or ASTM E84 Class A (on request)
Weight	Ultra-Light (<4 kg/m²)
Installation	T-grid compatible Lay-in
Eco Compliance	Low-VOC, formaldehyde-free

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PSPA-5082HDGFCT281	PSPA-608HDGFCT282	PSPA-777HDGFCT283	PSPA-5339SUDFCT284	PSPA-5523HDGFCT285
PSPA-5382TRCFCT286	PSPA-5329SUDFCT287	PSPA-690SUDFCT288	PSPA-5333ARAFCT289	PSPA-5320HSCFCT290
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PSPA-5347SUDFCT296	PSPA-5381SUDFCT297	PSPA-5049SUDFCT298	PSPA-5375TRCFCT299	PSPA-5425SUDFCT300
PSPA-5031SUDFCT301	PSPA-5529SUDFCT302	PSPA-5520SUDFCT303	PSPA-5517SUDFCT304	PSPA-5327SUDFCT305
PSPA-101HDGFCT306	PSPA-5380HDGFCT307	PSPA-5524HDGFCT308	PSPA-141HDGFCT309	PSPA-5380HDGFCT310

PerfoAudile™ AirLite Ceiling Tile

Airlite™ redefines ceiling acoustics with a clean, modern profile and a conscience. Made from high-density UHAVC, these tiles are lightweight, highly sound absorbent, and engineered for low VOC emissions and zero formaldehyde.

With a noise reduction coefficient (NRC) of up to 0.85, Airlite™ tiles absorb echo, dampen ambient noise, and improve speech clarity making them ideal for offices, classrooms, retail environments, and any space where acoustic comfort matters.

Designed for easy drop in installation into 600x600 mm T-grid ceilings, Airlite™ tiles are available in white or black acoustic fabric facings.

APPLICATION AREAS

1. Auditoriums & Theatres
2. Conference Rooms
3. Corporate Offices
4. Home Theatres
5. Educational Institutions
6. Hotels & Lounges
7. Recording Studios

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.85 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from different stunning finishes crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.
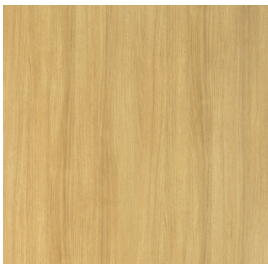
PRODUCT CODE: PSPA-ACT516

PARAMETER	SPECIFICATIONS
Tile Sizes	595 x 595 mm
Core Material	UHAVC
Weight per m²	2.74 kg
Front Finish	Painted
Edge Profile	Square (Tegular & Bevel on request)
Tile Thickness	10 mm
NRC Value	0.85
NRC Test Standard	Tested as per ASTM C423, Mounting Type E400
Sabin Value	0.319 Sabins per tile
Moisture Resistance	Up to 95% RH
Fire Resistance	Class A / B-s1, d0 (EN 13501 / ASTM E84)
Thermal Conductivity	≤ 0.040 W/m·K
Installation	Standard T-Grid (600 x 600 mm)
Formaldehyde Content	Low-VOC, formaldehyde-free
VOC Emissions	Low VOC as per ISO 16000 / EN 16516

PerfoAudile™ Metal Ceiling Tile

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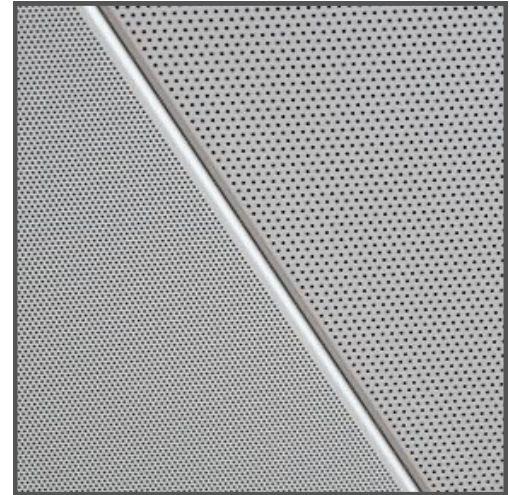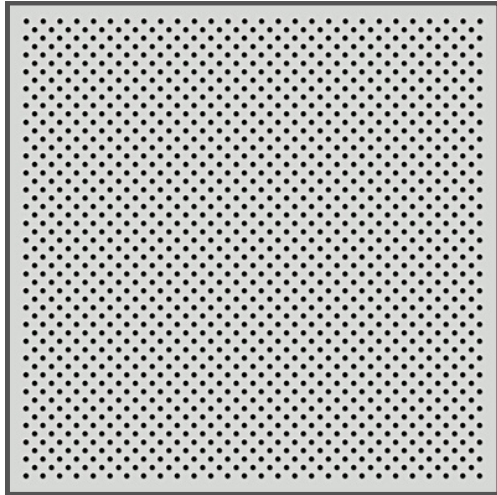
The PerfoAudile™ Metal Ceiling Tile is a robust and refined acoustic solution engineered for high-durability environments without compromising on design. Crafted from galvanised steel or aluminum, this tile is micro- or macro-perforated and paired with a high-performance acoustic fleece backing, delivering outstanding sound absorption while offering superior fire resistance, humidity tolerance, and longevity.

Ideal for airports, metro stations, hospitals, industrial plants, and high-traffic commercial spaces, the PerfoAudile™ Metal Tile is compatible with standard T-grid systems and available in a wide range of perforation styles and powder-coated finishes.

APPLICATION AREAS

1. Airports & Metro Stations
2. Hospitals & Laboratories
3. Manufacturing Units
4. Malls & Retail Spaces
5. Educational Institutions
6. Hotels & Lounges
7. Data Centers

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.8 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from different stunning finishes crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSPA-PCT218	
PARAMETER	SPECIFICATIONS
Core Material	GI Sheet / Powder-Coated Aluminum
Perforation size	Round (1–2.5 mm), Micro-perforated (0.6–1 mm)
Backing	Black Acoustic Fleece / Mineral Wool (optional)
Tile Sizes	595 × 595 mm / 600 × 1200 mm / Custom
Tile Thickness	0.5 mm – 0.8 mm
Edge Profile	Square / Beveled / Concealed
Front Finish	RAL Powder Coating / Wood Finish
NRC Value	0.70 – 0.85 (with Backing)
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Fire Resistance	Class A (ASTM E84), Non-combustible (EN 13501-1: A1)
Installation	Lay-in / Clip-in (T-grid & concealed systems)
Eco Compliance	Fully recyclable metal, low-VOC coating

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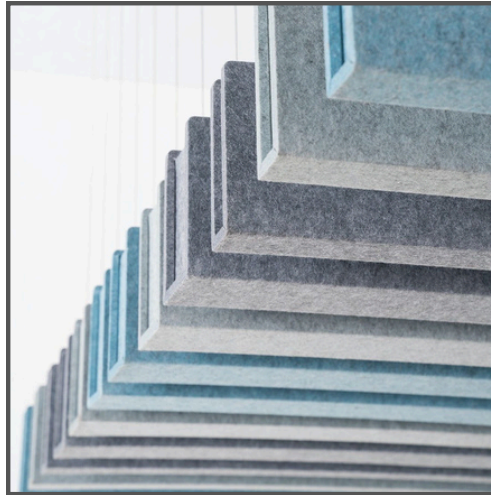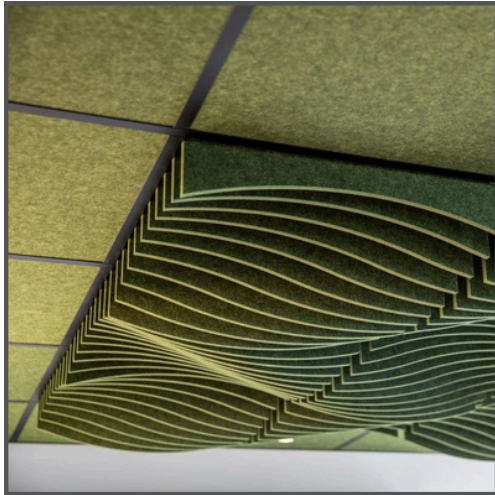
PerfoAudile™ Acoustic Baffles are high-performance vertical sound-absorbing elements designed for modern open-ceiling environments. Suspended from the ceiling, these baffles reduce reverberation and improve speech clarity without compromising the visual openness of the space. It's excellent performance enhance the space not only aesthetically by also acoustically

Crafted with options like micro-perforated metal, PET felt, or semi rigid acoustic cores, PerfoAudile™ Baffles provide flexible acoustic treatment for large-volume spaces such as offices, airports, metro stations, educational institutes, and commercial lobbies.

APPLICATION AREAS

1. Airports & Metro Stations
2. Hospitals & Laboratories
3. Manufacturing Units
4. Malls & Retail Spaces
5. Educational Institutions
6. Hotels & Lounges
7. Data Centers

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.95 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
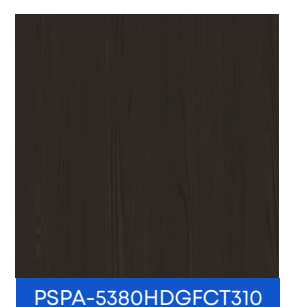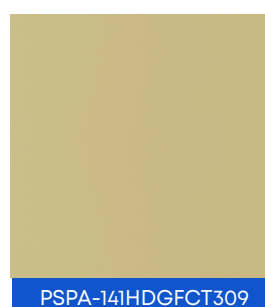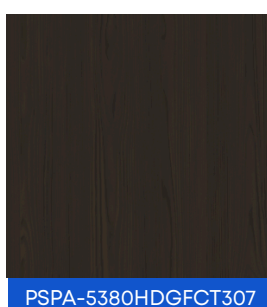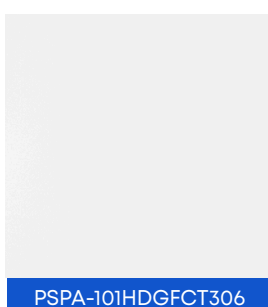- Choose from different stunning finishes crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSPA-0AB312	
PARAMETER	**SPECIFICATIONS**
Core Material	Micro-perforated / PET felt / Glass wool core
Size Range	Height: 50–1200 mm (customisable) Length: Up to 2400 (customisable)
Infill	UHAVC with Black Acoustic Fleece
Mounting System	Ceiling-suspended using wire hangers, adjustable cables, or T-rails
Customization	Curved shapes, branding prints, lighting integration available
Finish Options	Powder coat, fabric (custom colors), PET textures, woodgrain
NRC Value	NRC 0.70 – 0.95 (based on material and density)
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Fire Resistance	Class A or B (depending on material configuration)
Eco Compliance	Recyclable core, low-VOC, LEED & IGBC

PSPA-17AB313	PSPA-41AB314	PSPA-10AB315	PSPA-37AB316	PSPA-118AB317
PSPA-40AB318	PSPA-26AB319	PSPA-44AB320	PSPA-113AB321	PSPA-7AB322
PSPA-27AB323	PSPA-105AB324	PSPA-35AB325	PSPA-81AB326	PSPA-84AB327
PSPA-31AB328	PSPA-38AB329	PSPA-36AB330	PSPA-11AB331	PSPA-18AB332
PSPA-19AB333	PSPA-12AB334	PSPA-32AB335	PSPA-3AB336	PSPA-2AB337
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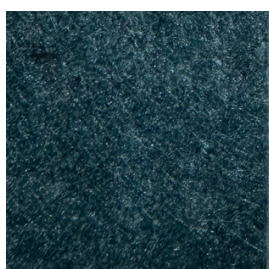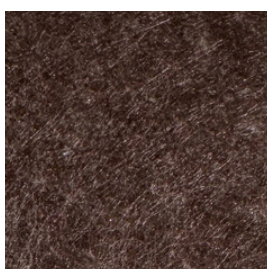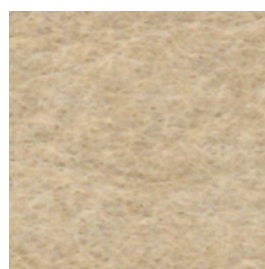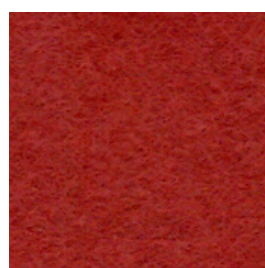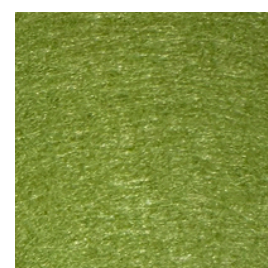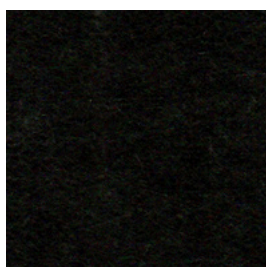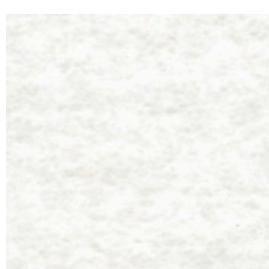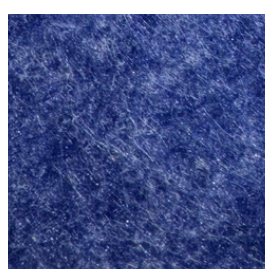
PerfoAudile™ Acoustic Clouds

PerfoAudile™ Clouds are elegant, horizontally suspended acoustic ceiling elements designed to absorb sound while enhancing visual architecture. Ideal for open-plan offices, commercial interiors, and large spaces with exposed ceilings, these clouds create a floating acoustic landscape that controls reverberation without full ceiling coverage. It's excellent performance enhance the space not only aesthetically by also acoustically

Available in micro-perforated, PET felt, or fabric-wrapped cores, PerfoAudile™ Clouds are fully customizable in shape, size, and finish offering limitless design possibilities with certified acoustic performance.

APPLICATION AREAS

1. Airports & Metro Stations
2. Hospitals & Laboratories
3. Manufacturing Units
4. Malls & Retail Spaces
5. Educational Institutions
6. Hotels & Lounges
7. Data Centers

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.95 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from different stunning finishes crafted to complement any space
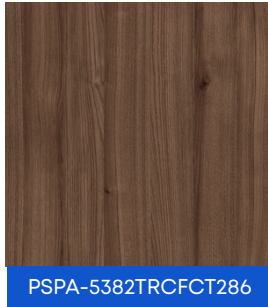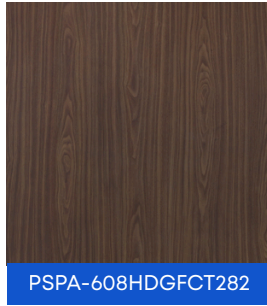- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSPA-0AC343	
PARAMETER	**SPECIFICATIONS**
Core Material	Micro-perforated / PET felt / Glass wool
Size Range	Thickness: 12 mm-50 mm (customisable) 2400 × 1200 mm (custom on request)
Shapes Available	Square, Rectangle, Circle, Oval, Hexagon, Custom Freeform
Mounting System	Ceiling-suspended using wire hangers, adjustable cables, or T-rails
Customization	Curved shapes, branding prints, lighting integration available
Finish Options	Powder coat, fabric (custom colors), PET textures, woodgrain
NRC Value	NRC 0.70 – 0.95 (based on material and density)
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Fire Resistance	Class A or B (depending on material configuration)
Eco Compliance	Low-VOC, Formaldehyde-Free, Recyclable PET / Cores

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PSPA-40AC349	PSPA-26AC350	PSPA-44AC351	PSPA-113AC352	PSPA-7AC353
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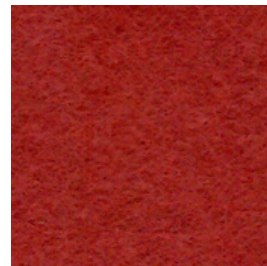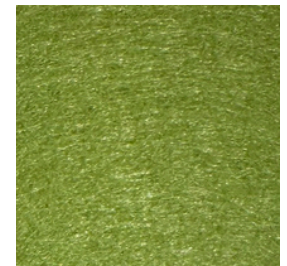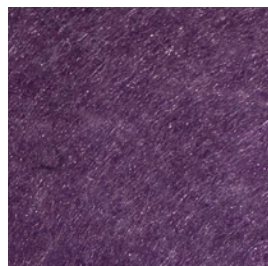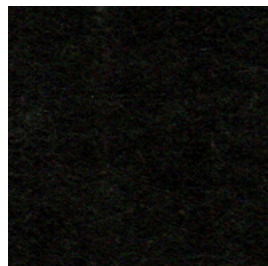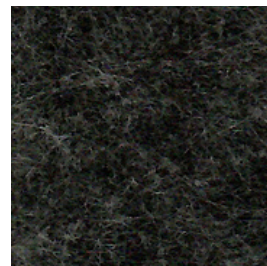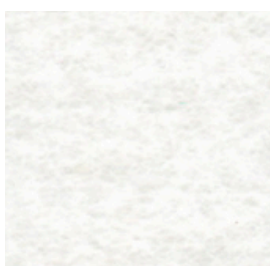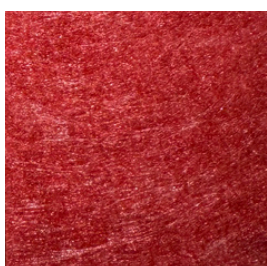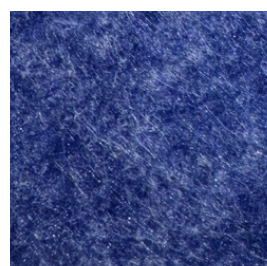
PerfoAudile™ Soft Fiber Ceiling Tiles are high-performance acoustic solutions engineered from compressed polyester or mineral fiber blends. Lightweight yet durable, these tiles are designed for effortless drop-in installation into standard T-grid ceiling systems.

They deliver superior sound absorption (high NRC), thermal insulation, and aesthetic versatility, making them ideal for modern offices, institutions, commercial interiors, and collaborative workspaces.

Available in a diverse range of textures, thicknesses, and color finishes, PerfoAudile™ tiles offer the perfect balance of acoustic performance, design flexibility, and eco-conscious value.

APPLICATION AREAS

1. Airports & Metro Stations
2. Hospitals & Laboratories
3. Manufacturing Units
4. Malls & Retail Spaces
5. Educational Institutions
6. Hotels & Lounges
7. Data Centers

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.85 with advanced acoustic layering
- Durability of up to 5 years with proper care and maintenance.
- Choose from different stunning finishes crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSPA-0SFCT374	
PARAMETER	**SPECIFICATIONS**
Core Material	Glass Wool / Mineral Fiber
Tile Size	595 × 595 mm / 595 × 1195 mm (custom on request)
Thickness	15 mm, 20 mm, 25 mm (others available)
Tile Sizes	595 × 595 mm / 600 × 1200 mm / Custom
Edge Types	Square, Beveled, Tegular, Concealed
Installation	Standard T-grid drop ceiling systems (T24 or Silhouette Grid)
Front Finish	Smooth, Needle-punched, Micro-textured, or Printed
NRC Value	0.70 – 0.85 (with Backing)
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Fire Resistance	Class A as per ASTM E84 / EN 13501-1
Thermal Resistance	R-value depending on thickness (typ. R-1.5 to R-2.2)
Eco Compliance	Low-VOC, Formaldehyde-free, 65%+ recycled content

PerfoAudile™ Sleek Tile

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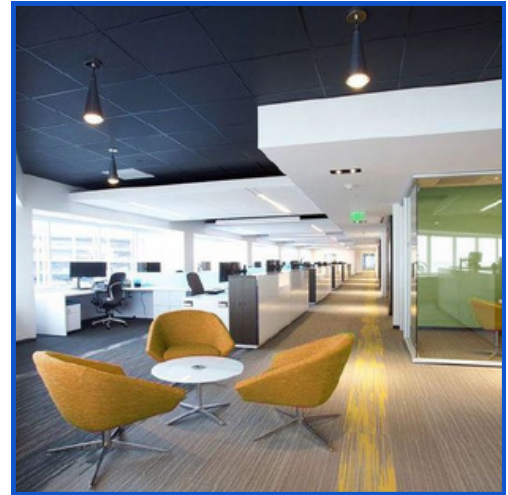
PerfoAudile™ Sleek Tile is a high-performance acoustic ceiling and wall tile crafted from dense cement fibre board, engineered to withstand the demands of industrial, institutional, and public environments. With its clean, modern finish and structural robustness, it offers superior fire resistance, water resistance, and anti-sag performance, making it ideal for high-traffic, high-load zones.

When paired with a 50mm acoustic pillow backing, the system achieves an impressive NRC of up to 0.90, delivering optimal sound absorption without compromising design integrity.

APPLICATION AREAS

1. Airports & Metro Stations
2. Hospitals & Laboratories
3. Manufacturing Units
4. Malls & Retail Spaces
5. Educational Institutions
6. Hotels & Lounges
7. Data Centers

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.9 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from different stunning finishes crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
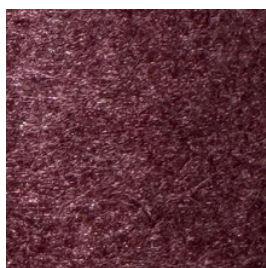- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSPA-0ST375	
PARAMETER	**SPECIFICATIONS**
Core Material	High-Density Cement Fibre Board
Surface Finish	Plain finish with any RAL shade
Tile Size	595 × 595 mm / 595 × 1195 mm / Custom on request
Thickness	6 mm / 8mm / 10mm / 12mm
NRC Rating	Up to 0.90 (with 50mm acoustic pillow)
Installation	T-Grid Ceiling / Direct Mount / Mechanical Fixing
Sag Resistance	Anti-sag, long-lifespan structural stability
Water Resistance	Highly resistant to moisture, warping, and fungal growth
Fire Resistance	Class A (ASTM E84 / EN 13501-1) – Non-Combustible
Eco Compliance	Low-VOC, Asbestos-Free, Recyclable

PerfoAudile™ Sleek Tile Shade Codes

PackSound®
Beginning of a Peaceful Tomorrow

PSPA-X104ST376	PSPA-4120ST377	PSPA-8331ST378	PSPA-0A40ST379	PSPA-7159ST380
PSPA-U29ST381	PSPA-7570ST382	PSPA-7971ST383	PSPA-342ST384	PSPA-7325ST385
PSPA-520ST386	PSPA-5155ST387	PSPA-7215ST388	PSPA-X125ST389	PSPA-X134ST390
PSPA-9383ST391	PSPA-427ST392	PSPA-7869ST393	PSPA-7773ST394	PSPA-7653ST395
PSPA-7833ST396	PSPA-7051ST397	PSPA-342ST398	PSPA-8709ST399	PSPA-7951ST400
PSPA-8603ST401	PSPA-8610ST402	PSPA-8337ST403	PSPA-2425ST404	PSPA-9514ST405

Auraluxe®

3D Ultra Luxury Acoustic Panels

MODELS
SPECIFICATIONS
CODES

Not Just Panel

It's a Architectural Masterpiece

Acoustics
Elevated to Art

NRC 0.98

Auraluxe™ 3D Ultra Luxury Acoustic Wall Panels

Auraluxe™ 3D is the Ultra Luxury series of acoustic wall panels by PackSound, designed to transform architectural spaces into works of acoustic art. Crafted from high-end engineered acoustic materials, each panel is sculpted with a bold 3D surface and finished with exquisite textures, making it not just a panel but a statement of prestige, performance, and design. Available in custom shapes, sizes, and finishes, Auraluxe™ 3D redefines the acoustic wall category by combining sound absorption with dimensional design that commands attention. Ideal for elite interiors luxury residences, corporate suites, premium hotels, and flagship auditorium spaces.

Signature Benefits

- Striking 3D forms for spatial depth and artistic presence
- Bespoke customisation in shape, size, and finish
- Superior sound absorption without compromising elegance
- Perfect for flagship spaces and prestige interiors
- Crafted from high-end acoustic cores materials
- Seamless wall integration for a 3D floating effect
- Manufactured with eco conscious materials

PARAMETER	SPECIFICATIONS
PRODUCT CODE: PSAL-3ULAWP-FD406	
Material Composition	Engineered high-performance acoustic core with premium fabric or Mica
Panel Shape & Size	Fully customizable (geometric, contoured, sculptural formats)
Panel Thickness	25 mm – 300 mm based on 3D depth
Front Finish	RAL Powder Coating / Wood Finish
Acoustic Performance	NRC 0.70 – 0.98 (depends on form and core)
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Finish Options	Premium Fabric or Mica Laminate
Fire Resistance	Class-1 as per BS476 (P-7):1997
Eco Compliance	Low-VOC, Formaldehyde-free, recyclable core

Auraluxe™ 3D Wall Design Patterns

Acoustics
Elevated to Art

NRC 0.98

VeloWave
PSAL-3ULAWP-VW407

PrismCast
PSAL-3ULAWP-PC408
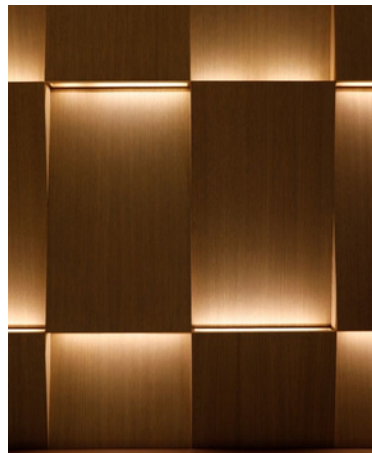
TerraGrid
PSAL-3ULAWP-TG409

CurveSync
PSAL-3ULAWP-CS410

CrestLine
PSAL-3ULAWP-CL411
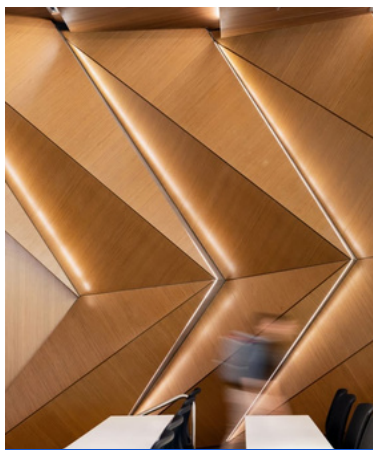
StrataForm
PSAL-3ULAWP-SF412

NebulaFold
PSAL-3ULAWP-NF413
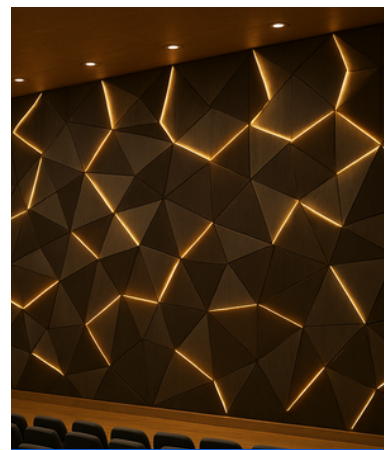
RippleTone
PSAL-3ULAWP-RT414

Auraluxe™ 3D Ultra Luxury Acoustic Ceiling Clouds

Transform your ceilings into a haven of elegance and superior acoustics with Auraluxe™ 3D Ultra Luxury Acoustic Ceiling Clouds by PackSound. Designed for luxury spaces, these suspended acoustic panels offer both exceptional sound absorption and exquisite design, elevating the aesthetic and acoustic qualities of any room.

Crafted with precision and high-end materials, the Auraluxe™ 3D Ceiling Clouds are perfect for premium environments that require both outstanding sound control and visual sophistication. Available in custom shapes, sizes, and finishes, these ceiling clouds can be tailored to meet the unique design needs of luxury auditoriums and more.

Signature Benefits

- Striking 3D forms for spatial depth and artistic presence
- Bespoke customisation in shape, size, and finish
- Superior sound absorption without compromising elegance
- Perfect for flagship spaces and prestige interiors
- Crafted from high-end acoustic cores materials
- Seamless wall integration for a 3D floating effect
- Manufactured with eco conscious materials

PARAMETER	SPECIFICATIONS
PRODUCT CODE: PSAL-3ULACC-FD415	
Material Composition	Engineered high-performance acoustic core with premium fabric or Mica
Cloud Shape & Size	Fully customizable (geometric, contoured, sculptural formats)
Panel Thickness	25 mm – 100 mm based on 3D depth
Front Finish	RAL Powder Coating / Wood Finish
Acoustic Performance	NRC 0.70 – 0.98 (depends on form and core)
NRC Test Standard	IS:8225 / ISO: 354 / ASTM 423C
Finish Options	Premium Fabric or Mica Laminate
Fire Resistance	Class-1 as per BS476 (P-7):1997
Eco Compliance	Low-VOC, Formaldehyde-free, recyclable core

Auraluxe™ 3D Ceiling Design Patterns

Acoustics
Elevated to Art

NRC 0.98

LyraWave
PSAL-3ULACC-LW416

DriftLine
PSAL-3ULACC-DL417

SkyVault
PSAL-3ULACC-SV418

HaloSpan
PSAL-3ULACC-HS419
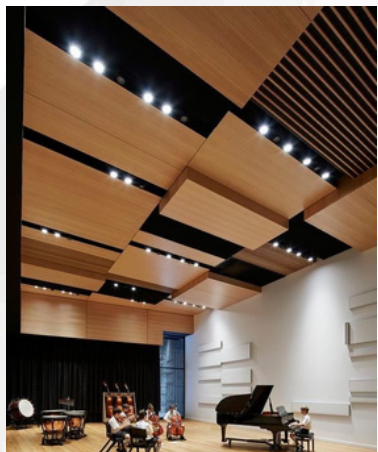
StratoLux
PSAL-3ULACC-SL420

Zentha
PSAL-3ULACC-Z421
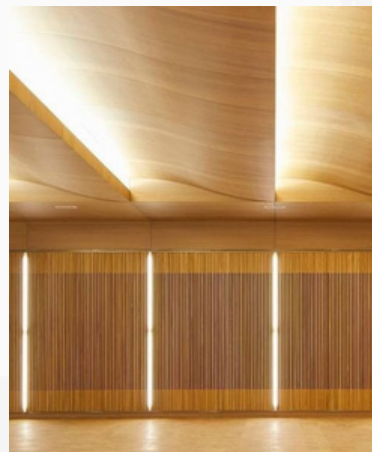
LumaFold
PSAL-3ULACC-LF422
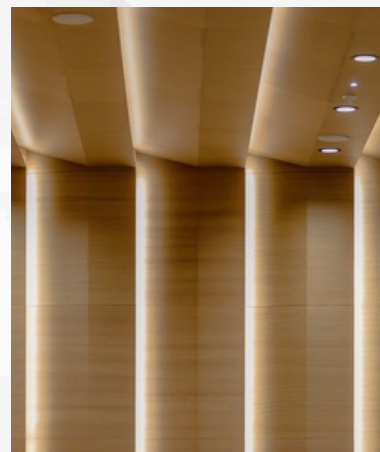
AeroWave
PSAL-3ULACC-AW423

Acoustics
Elevated to Art

Auraluxe™ Printed Wall Panels

Auraluxe™ Printed Wall Panels combine high-definition surface printing with premium acoustic performance offering a solution where sound control meets design expression. Available in micro-perforated boards, fabric-wrapped cores, and PET felt panels, this series allows complete freedom in visual customisation without compromising on performance.

Whether you need to match a brand identity, create feature walls, or infuse art into acoustic treatments, Auraluxe™ printed panels bring image fidelity, noise control, and material flexibility together.

Signature Benefits

- Striking 3D forms for spatial depth and artistic presence
- Bespoke customisation in shape, size, and finish
- Superior sound absorption without compromising elegance
- Perfect for flagship spaces and prestige interiors
- Crafted from high-end acoustic cores materials
- Seamless wall integration for a 3D floating effect
- Manufactured with eco conscious materials

PARAMETER	SPECIFICATIONS
PRODUCT CODE: PSAL-PWP424	
Material Options	Micro-Perforated MDF / Fabric-Wrapped Glass Wool / Printed PET Panels
Thickness	9 mm – 25 mm (varies by substrate)
Panel Size	Customizable up to 2400 × 1200 mm
Panel Thickness	25 mm – 100 mm based on 3D depth
Acoustic Performance	NRC 0.70 – 0.98 (depends on form and core)
Finish Options	Matte / Semi-gloss
Printing Type	UV Digital Printing
Mounting Options	Z-clips, adhesive, GI Channel
Fire Resistance	Class A or B (material dependent)
Eco Compliance	Low-VOC, Formaldehyde-Free, Recyclable PET & Fabrics

Acoustics
Elevated to Art

NRC 0.98

Auraluxe™ 3D Acoustic Blades

Auraluxe™ 3D Acoustic Louvers are vertical or horizontal slatted acoustic elements designed to bring depth, rhythm, and elegance to modern interiors. Engineered with high-performance acoustic cores and crafted with sculptural precision, these louvers not only serve as aesthetic 3D design or feature walls, but also significantly reduce echo and reverberation in large spaces.

Available in custom profiles, spacing, finishes, and curvatures, the Auraluxe™ 3D Louver system blends architectural expression with acoustic functionality ideal for luxury lobbies, boardrooms, auditoriums, premium retail, and hospitality spaces.

Signature Benefits

- Striking 3D forms for spatial depth and artistic presence
- Bespoke customisation in shape, size, and finish
- Superior sound absorption without compromising elegance
- Perfect for flagship spaces and prestige interiors
- Crafted from high-end acoustic cores materials
- Seamless wall integration for a 3D floating effect
- Manufactured with eco conscious materials

PARAMETER	SPECIFICATIONS
PRODUCT CODE: PSAL-3AB425	
Material Options	MDF / HDHMR / PET / Powder coated GI metal sheet
Louver Profile	Rectangular / Elliptical / Custom Sculpted Forms
Slat Size	25 mm – 100 mm based on 3D depth
Mounting	Wall-mounted / Ceiling-suspended / Free-standing
Customization	Curved profiles, integrated lighting slots, branded cutouts available
Acoustic Performance	NRC 0.70 – 0.98 (depends on form and core)
Finish Options	Veneer, Mica laminate, Fabric Wrapped
Fire Resistance	Class A / B (with certified core and finishes)
Eco Compliance	Low-VOC, Formaldehyde-free

Acoustics
Elevated to Art

Auraluxe™ AeroLoom Acoustic Clouds

AeroLoom Clouds are premium acoustic ceiling clouds designed with a sleek aluminium frame, high-performance UHAVC acoustic infill, and a custom fabric-wrapped finish. Engineered to elevate acoustic performance, they are ideal for airports, convention centers, corporate atriums, and other high-volume spaces. Featuring a 180° rundown open-access design, AeroLoom Clouds provide easy access for maintenance without disrupting ceiling integrity. With an NRC of 0.95, they deliver exceptional sound absorption, ensuring clarity, comfort, and control in expansive interiors. Backed by an industry leading 25 year warranty, AeroLoom™ stands as a reliable, long-lasting solution for modern acoustic challenges.

Signature Benefits

- Ultra-High NRC (0.95) for large reverberant spaces

- Durable & Lightweight Frame ideal for long-span installations

- Elegant Fabric Finish to complement architectural themes

- 180° Rundown Open System enables easy access for service and maintenance

- Custom Sizes & Shapes for signature design freedom

- Perfect for Transit & Public Spaces requiring robust yet aesthetic acoustic treatment

PARAMETER	SPECIFICATIONS
PRODUCT CODE: PSAL-AAC426	
Frame Material	Lightweight Aluminum Alloy
Core Infill	UHAVC Infill
Finish Options	Fire-retardant Fabric in Custom Colors or UV Print
Panel Shape	Rectangular / Square / Custom
Suspension System	U-Pan Channel with Ferrule attached to ceiling with level and space adjustment
Access System	180° Rundown Open Mechanism
Acoustic Performance	NRC 0.95
Fire Resistance	Class A (ASTM E84 / EN 13501-1 compliant)
Eco Compliance	Low-VOC, Formaldehyde-Free
Ideal Use Cases	Airports, Convention Centres, Exhibition Halls, Terminal Lounges

Acoustics
Elevated to Art

NRC 0.98

Auraluxe™ Silenza Acoustic Panels

Auraluxe™ Silenza Acoustic Panels are fully integrated, ready-to-install acoustic wall and ceiling panels designed for rapid deployment, superior sound absorption, and modern aesthetics. Engineered with an inbuilt high-density acoustic core, these 50mm-thick panels eliminate the need for separate insulation or additional layering during installation.

Ideal for auditoriums, conference halls, studios, and institutional interiors, the panels are available in multiple surface variants wooden slats, perforated, micro-perforated, and fabric-wrapped finishes allowing architects and designers to tailor both function and form.

Signature Benefits

- Ultra-High NRC (0.95) for large reverberant spaces

- Durable & Lightweight Frame ideal for long-span installations

- Elegant Fabric Finish to complement architectural themes

- 180° Rundown Open System enables easy access for service and maintenance

- Custom Sizes & Shapes for signature design freedom

- Perfect for Transit & Public Spaces requiring robust yet aesthetic acoustic treatment

PARAMETER	SPECIFICATIONS
PRODUCT CODE: PSAL-SAP427	
Total Panel Thickness	50 mm
Core Infill	UHAVC Infill
Finish Options	Wooden Slats, Perforated, Micro-Perforated, Fabric Wrapped
Panel Shape	Rectangular / Square / Custom
Suspension System	Direct mount over GI channels with inbuilt sliding duct
Installation Method	Hassle-free, dry wall mounting system with clip-in system
Panel Size	1200 x 2400mm (custom sizes available)
Thermal Resistance	R-value 0.95–1.25 m²·K/W
Acoustic Performance	NRC 0.95
Fire Resistance	Class 1 / ASTM E84 Class A / BS 476 Part 6 & 7
Eco Compliance	Low-VOC, Formaldehyde-Free

Acoustics
Elevated to Art

NRC 0.98

Auraluxe™ EchoGlow Acoustic Ceiling Lights

Auraluxe™ EchoGlow is a revolutionary ceiling solution that fuses high-efficiency lighting with advanced acoustic absorption designed for luxurious interiors that demand both functionality and finesse. Crafted from high-density acoustic materials and integrated with premium LED illumination, EchoGlow panels transform overhead space into a sound-softening lightscape.

Perfectly suited for offices, boardrooms, hospitality venues, auditoriums, and premium retail spaces, EchoGlow offers custom shapes, dimmable lighting, and design flexibility ensuring both visual impact and auditory comfort.

Signature Benefits

- Dual Functionality, acoustic absorption and lighting
- Customisable Light, Dimming, color temperature, and smart controls
- Architectural Freedom, Multiple forms, finishes, and fabric textures
- High NRC Performance, Ideal for echo reduction in critical listening zones
- Eco-Conscious Design, Sustainable cores and energy-efficient lighting
- Perfect for Transit & Public Spaces requiring robust yet aesthetic acoustic treatment

PARAMETER	SPECIFICATIONS
PRODUCT CODE: PSAL-EACL428	
Material Composition	PET Felt / Fabric Laminate / UHAVC Composite
Lighting Integration	LED Panel
Lighting Control	2000K and 6500K
NRC Rating	0.80 – 0.95 (varies by size and core)
Shapes Available	Round, Square, Ellipse, Linear, Custom Forms
Thickness	9mm - 50mm
Mounting Options	Surface-mounted with SS wire
Fire Resistance	Class A (ASTM E84)
Power Supply	24V / 220V Compatible
Eco Compliance	Low-VOC, Formaldehyde-Free
Ideal Use Cases	Corporate offices, Airports, Convention Centres

AcoFascia®

Modern Acoustic Partitions

MODELS
SPECIFICATIONS
CODES

Luxury

OF DIVISION MEASURED IN

Decibels
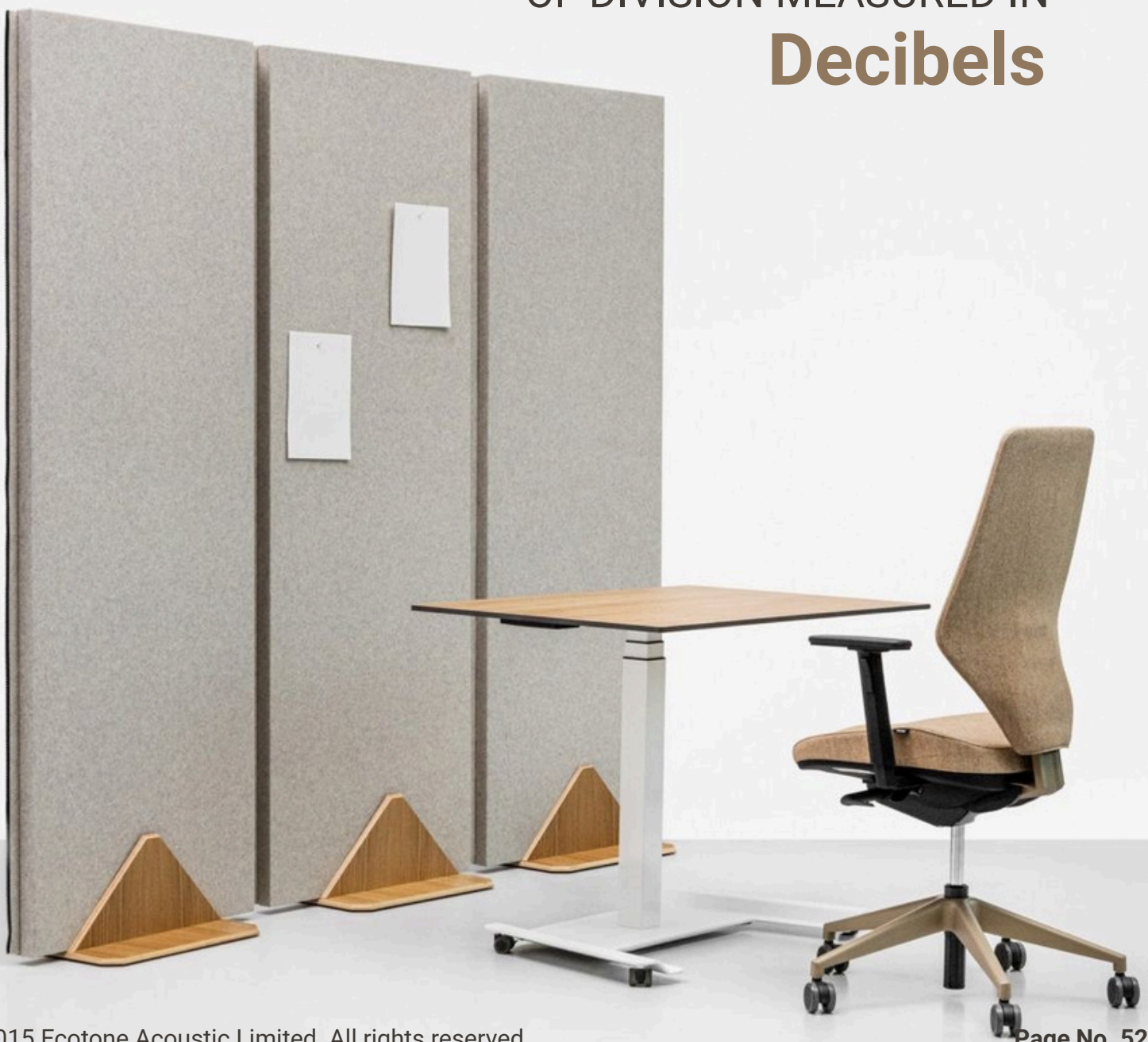
The PackSound AcoFascia™ Sliding Folding Acoustic Partition is next generation of sliding folding acoustic partitions, blending architectural elegance with cutting-edge sound control. Designed for dynamic interiors, Echovia™ partitions offer effortless operability, compact stacking, and acoustic performance up to STC 50, making them ideal for high-performance spaces that demand flexibility without compromising on design or sound insulation.

APPLICATION AREAS

1. Conference Rooms & Boardrooms
2. Banquet Halls & Ballrooms
3. Educational Institutions
4. Hotels & Hospitality Spaces
5. Auditoriums & Multipurpose Halls
6. Offices & Co-working Spaces
7. Studios & Performance Venues

Proudly crafted in India using advanced indigenous acoustic technology

Designed for minimal maintenance and maximum efficiency

STC up to 55 db on 120 db with advanced damping layering

Durability of up to 10 years with proper care and maintenance.

Choose from more than 250 stunning shades crafted to complement any space

Crafted from eco-conscious materials with an ultra-low carbon footprint

Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSAF-SFAP429

PARAMETER	SPECIFICATIONS
Thickness	100mm
Length	Customisable
Width	800 mm – 1200 mm
Panel Height	Up to 7000 mm (site-specific feasibility)
Finishes	Laminate / Fabric / Veneer / PET / Custom finish
STC Value	Up to 55 as per ASTME
Hanging Type	Top hanging
Stacking Options	Side stack / Center stack / Remote parking stack
Operation	Manual sliding with retractable top and bottom seals
Track System	Heavy-duty aluminum track top-hung
Panel Suspension	Single or double roller suspension for curved or straight track
Accessories	Pass door, vision panels, magnetic/automatic seals, lock system

AcoFascia™ Acoustic Divider Partition

PackSound®
Beginning of a Peaceful Tomorrow
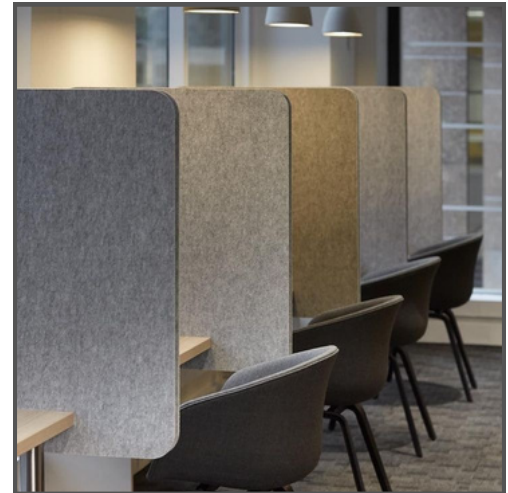
The PackSound AcoFascia™ Acoustic Divider Partition is a modular solution designed to divide interior spaces while significantly reducing sound transmission. Acoustic Divider Partition is Ideal for both permanent and temporary setups, these partitions offer high acoustic performance along with aesthetic versatility. They are perfect for environments requiring privacy, noise control, and functional space management.

APPLICATION AREAS

1. Corporate offices and meeting rooms
2. Training centers and educational institutes
3. Hotels, banquet halls, and conference venues
4. Hospitals, studios, and worship spaces
5. Co-working and multi-use commercial interiors

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.9 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from more than 30 stunning shades crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSAF-ADP430	
PARAMETER	**SPECIFICATIONS**
Thickness	9mm / 12mm / 25mm / 50mm
Length	Customisable
Width	Up to 1200 mm
Panel Height	Up to 2430 mm (site-specific feasibility)
Finishes	Laminate / Fabric / Printed / PET / Custom finish
NRC Value	Up to 0.9
Fixing Type	Floor standing / Table mounted
Movement Options	Sliding with wheels / Fixed
Operation	Easy Manual sliding / Fixed Partition can be shifted after dismantling
Wheel System	Heavy-duty wheels with position locking
Design	CNC / Printed / 3D Patterns
Accessories	Wooden / Anodised stand and wheels

PackSound®
Beginning of a Peaceful Tomorrow
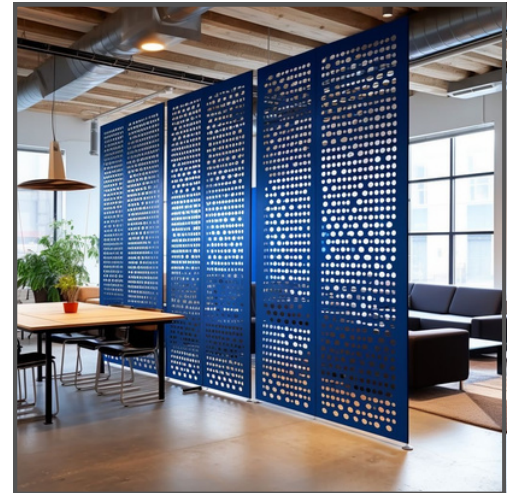
The PackSound AcoFascia™ Acoustic Screen is a premium ceiling-mounted partition system engineered to deliver superior sound control while elevating the aesthetics of modern interiors. Designed for open-plan spaces, it enables modular division, enhanced acoustic performance, and visual sophistication.

Fixed Suspension – for static partitions
Track & Wheel System – for smooth, operable movement and repositioning

APPLICATION AREAS

1. Corporate offices and meeting rooms
2. Training centers and educational institutes
3. Hotels, banquet halls, and conference venues
4. Hospitals, studios, and worship spaces
5. Co-working and multi-use commercial interiors

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.9 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from more than 30 stunning shades crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSAF-AS431

PARAMETER	SPECIFICATIONS
Thickness	9mm / 12mm / 25mm / 50mm
Length	Customisable
Width	Up to 1200 mm
Panel Height	Up to 2430 mm (site-specific feasibility)
Finishes	Laminate / Fabric / Printed / PET / Custom finish
NRC Value	Up to 0.9
Fixing Type	Ceiling mounted Fixed / Sliding
Movement Options	Sliding with track and wheels / Fixed
Operation	Easy Manual sliding / Fixed Partition can be shifted after dismantling
Wheel System	Heavy-duty wheels with position locking
Design	CNC / Printed / 3D Patterns
Accessories	Anodised finish track with wheels

The PackSound AcoFascia™ Drywall Partition is a high performance, fixed wall system engineered to deliver exceptional sound insulation while maintaining architectural elegance. Designed for applications where acoustic control, and fire safety are essential, this system combines multiple layers of gypsum or cement boards, metal framing, and acoustic infill to achieve STC ratings up to 55 and offers a space efficient solution.

APPLICATION AREAS

1. Corporate cabins & conference rooms
2. Studios, edit suites & control rooms
3. Hospital patient rooms & operation zones
4. Hotel suites & partitions between rooms
5. Educational institutions, libraries & testing centers

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- STC up to 55 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from different stunning finishes crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSAF-DP432

PARAMETER	SPECIFICATIONS
Thickness	75 mm / 100 mm / 125 mm (configurable)
Maximum Height	Up to 4500 mm (higher on request with double studs)
Frame Structure	GI metal studs with 0.5–0.8 mm thickness
Infill Material	Mineral Wool / Glass Wool / PU Foam / Proprietary Acoustic Core
Outer Layer Options	Gypsum Board / Cement Board
Framing Material	Galvanized Iron (G.I.) – 0.5mm to 1.2mm thick studs and tracks
STC Value	Up to STC 55
Fixing Type	Ceiling and floor mounted Fixed
Fire Resistance	Up to 120 minutes (2 hours), tested as per IS 3614 / BS 476
Finish Compatibility	Paint, Decorative Laminate, Veneer, Acoustic Fabric
Acoustic Sealants	Perimeter and junctions sealed with high-performance acoustic sealants

SonicGuard®

ACOUSTIC &
Soundproof Doors | MODELS
SPECIFICATIONS
CODES

Soundproof Doors

FOR SIGNATURE COMMERCIAL DESIGNS

PackSound®
Beginning of a Peaceful Tomorrow
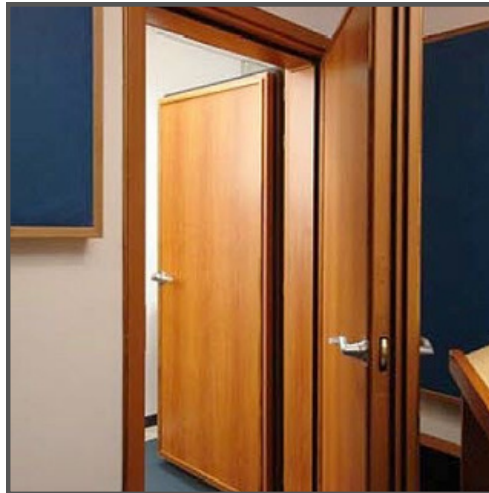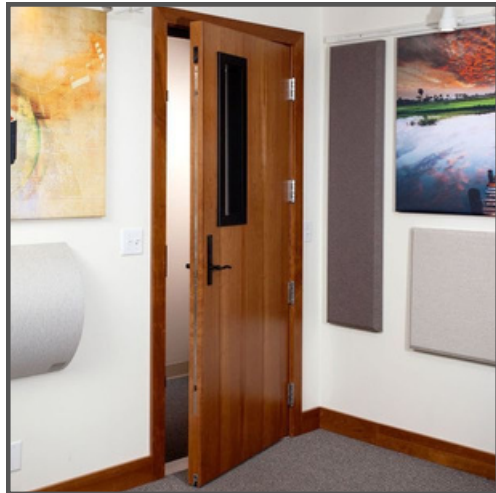
SonicGuard™ Wooden Acoustic Doors are precision-crafted to combine natural elegance with superior sound insulation. Designed for spaces where both visual appeal and acoustic control are critical, these doors feature a multi-layer wooden core structure with high-performance seals and sound-dampening infill materials. Whether used in commercial interiors, studios, boardrooms, or hospitality environments, SonicGuard™ delivers up to STC 55 noise reduction while offering seamless integration with modern and classic wooden finishes

APPLICATION AREAS

1. Corporate Offices & Boardrooms
2. Recording Studios & Control Rooms
3. Home Theatres & Private Cinemas
4. Hotels & Hospitality Suites
5. Educational Institutions & Libraries
6. Broadcast & Production Rooms
7. Hospitals & Medical Rooms

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- STC up to 55 with advanced damping layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from different stunning finishes crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSSG-WAD433

PARAMETER	SPECIFICATIONS
Acoustic Rating (STC)	STC 35 to 55 (As per configuration and lab-tested standards)
Door Thickness	45mm / 50mm / 65mm / 100mm (Custom options available)
Core Options	Solid Wood / Engineered Wood / Mineral Wool / Particleboard / Acoustic Composit
Door Leaf Finish	Laminate / Veneer / PU Paint / Melamine / Raw Finish
Acoustic Seals	Multi-layer perimeter seals + Drop-down bottom seal
Vision Panel (Optional)	Double-glazed acoustic glass / Laminated safety glass
Hardware	Heavy-duty hinges, matte black or satin stainless steel handle
Locking System	Standard mechanical or optional electromagnetic lock
Fire Rating	Optional up to 120 minutes (as per IS/BS standard)
Standard Sizes	900x2100mm / 1000x2100mm / Custom
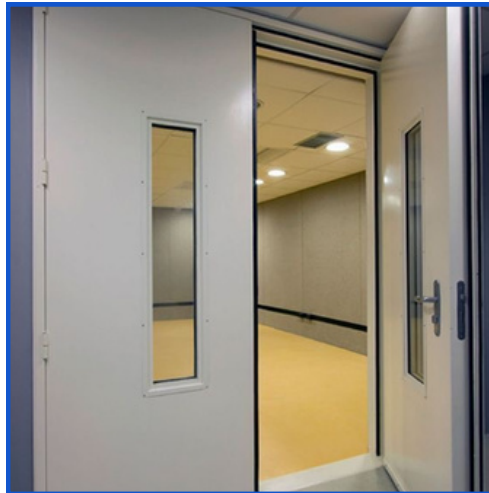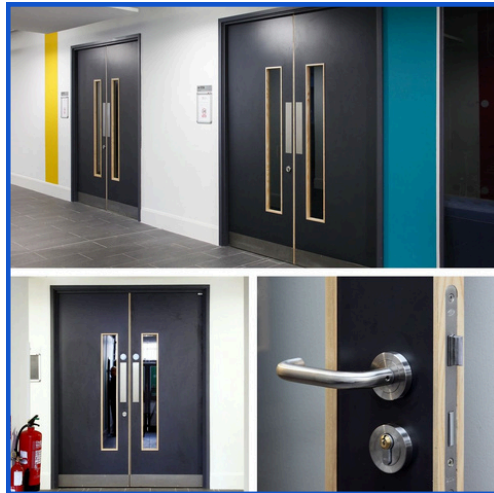
SonicGuard™ Wooden Fire Doors are expertly engineered to combine fire resistance with sound insulation, offering dual protection without compromising on aesthetics. Crafted with high-density cores, fire-rated materials, and certified hardware, these doors are ideal for environments requiring both life safety compliance and acoustic privacy.

These doors are tested as per IS 3614 / BS 476 / EN 1634 standards and are available in various ratings including 30, 60, 90, and 120 minutes.

APPLICATION AREAS

1. Corporate Offices & Boardrooms
2. Recording Studios & Control Rooms
3. Home Theatres & Private Cinemas
4. Hotels & Hospitality Suites
5. Educational Institutions & Libraries
6. Broadcast & Production Rooms
7. Hospitals & Medical Rooms

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- Fire Rating Up to 120 min with advance fire resistance material
- Durability of up to 10 years with proper care and maintenance.
- Choose from different stunning finishes crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSSG-WFD434

PARAMETER	SPECIFICATIONS
Fire Rating	30 / 60 / 90 / 120 Minutes (as per IS / BS / EN Standards)
Acoustic Rating	STC 30–45 (Optional acoustic enhancement available)
Core Material	Fire-rated board / Mineral core / Solid hardwood / Composite board
Door Thickness	45mm to 65mm standard; 100mm optional for higher STC
Surface Finish	Laminate / PU Polish / Veneer / Melamine / Paint-Grade
Glass Vision Panel (Optional)	Fire-rated glass (ceramic / clear) – tested up to 120 min
Seal System	Intumescent fire seals + Acoustic perimeter seal + Drop-down bottom seal
Hardware	Fire-rated hinges, lockset, door closer, panic bar (as per fire certification)
Test Standards	IS 3614 Part 2, BS 476 Part 22, EN 1634-1
Size Range	Standard 900×2100mm; Custom sizes available

THINKPOD®
Soundproofing For Life

Acoustic &
Soundproof Pods
MODELS | SPECIFICATIONS | CODES

Peace, Performance, and Privacy
All in One Pod

SOUNPROOF
MULTIPURPOSE BOOTH

THINKPOD®
Soundproofing For Life

Why ThinkPod™?

HIGH PERFORMANCE

Sound reduction of up to 25 dB at 100 dB

LOW MAINTENANCE

No maintenance is needed for the first 5 years.

SUPERIOR QUALITY

All-weather body with easy-clean interiors.

ALL INDIA SERVICE

With our 12 ground teams, all India services are available.

CUSTOMISABLE MODELS

What's your requirements? we can integrate it in ThinkPod™

The ThinkPod™ is a technologically advanced small soundproof chamber . We specifically engineered it to create a quiet environment in chaotic environments, such as large work floors in the IT and commercial sectors, shop floors in manufacturing plants, and at home, to help with the completion of a wide range of tasks that require a high level of concentration. It provides a private space for taking calls and conducting online meetings. Depending on the requirements and intended use, we can customize it and equip it with a wide range of accessories. ThinkPod™ is a groundbreaking invention because, in comparison to conventional expensive soundproof treatments, it produces a soundproof environment at a relatively low cost. It's best-in-class soundproofing performance sets it apart from it's competitors. It offers the highest performance recorded in the soundproof booth segment, up to 25 dB of sound reduction at a 100 dB sound level. ThinkPod™ is a product that is manufactured in India, which reflects it's standards for quality and after-sales assistance.

ThinkPod™ is a technologically advanced, compact soundproof chamber designed to offer a quiet and distraction-free space within noisy environments. Engineered with precision, it delivers unmatched acoustic isolation for professionals who require deep focus, privacy, and productivity.

Whether placed on bustling office floors in IT and commercial sectors, noisy shop floors in manufacturing plants, or inside a home, ThinkPod™ provides an optimal environment for taking calls, conducting online meetings, or performing tasks that demand high levels of concentration.

Choose the right ThinkPod™ model based on your space, usage, and privacy needs. Each model offers a different level of sound isolation, size configuration, and feature set—customized to support a variety of environments from corporate offices to manufacturing floors and home setups.

01 ThinkPod Compact

THINKPOD™ COMPACT MODEL IS SUITABLE FOR IT SECTOR OR OFFICES

02 ThinkPod Pro

THINKPOD™ PRO MODEL IS SUITABLE FOR IT SECTOR OR OFFICES

- **ThinkPod™ Pro S** | Single Occupancy
- **ThinkPod™ Pro D** | Double Occupancy
- **ThinkPod™ Pro F** | Four Occupancy
- **ThinkPod™ Pro E** | Eight Occupancy
- **ThinkPod™ Pro LS** | Single Occupancy
- **ThinkPod™ Pro LD** | Double Occupancy
- **ThinkPod™ Pro LF** | Four Occupancy
- **ThinkPod™ Pro LE** | Eight Occupancy

03 ThinkPod Lite

THINKPOD™ LITE MODEL IS SUITABLE FOR HOMES AND SCHOOLS

- **ThinkPod™ Lite S** | Single Occupancy
- **ThinkPod™ Lite SE** | Single Occupancy with E-Learning
- **ThinkPod™ Lite D** | Double Occupancy
- **ThinkPod™ Lite DE** | Double Occupancy with E-Learning

** THINKPOD®**
Soundproofing For Life

- Overhead ventilation fans with silent operation to maintain airflow

- Electrical outlet and USB charging port at work surface height

- Upto 25 dB (±5) sound reduction at sound level of 100 dB

- Manual/Sensor operated 6500K Integrated square LED overhead lighting

- Choice of multi colour finishes for outer body

- 100% Recyclable material with low recycling cost

- Customisable model to meet requirements as per the location

PRODUCT CODE: PSTP-C435	
ITEMS	SPECIFICATIONS
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	1200mm
Width	1200mm
Height	2250mm
Clear Height	2040mm
Core Material	Wood
Glass Door Size	964 x 2082mm
Glass Thickness	6mm
Door Handel And frame	Matte Black
Work Table Size	Not Included
Ceiling Light	One 12W Square LED Cool White (6500K)
Ceiling Light Type	Manually Operated
Ventilation Fan	300 CMPH 2300 RPM
Switch & Power Socket	Two 6A Switch, One 6A 3Pin Socket
Charger	One 1500 mA Module Type C
LAN Port	One RJ45 Ethernet
Chair	Not Included

- Overhead ventilation fans with silent operation to maintain airflow

- Electrical outlet and USB charging port at work surface height

- Upto 30 dB (±5) sound reduction at sound level of 100 dB

- Manual/Sensor operated 6500K Integrated square LED overhead lighting

- Choice of powder coating finishes for outer body

- 100% Recyclable material with low recycling cost

- Customisable model to meet requirements as per the location

PRODUCT CODE: PSTP-PS436	
ITEMS	**SPECIFICATIONS**
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	1200mm
Width	1200mm
Height	2400mm
Clear Height	2250mm
Core Material	Wood
Glass Door Size	900 x 2250mm
Glass Thickness	10mm
Door Handel And frame	Matte Black
Work Table Size	One Wall Mounted Table 300 x 600mm
Ceiling Light	One 12W Square LED Cool White (6500K)
Ceiling Light Type	Manually Operated
Ventilation Fan	250 CMH 22W 2000rpm
Switch & Power Socket	Two 6A Switch, One 6A 3Pin Socket
Charger	One 1500 mA Module Type C
LAN Port	One RJ45 Ethernet
Chair	Not Included

ThinkPod™ Pro D | Double Occupancy

THINKPOD®
Soundproofing For Life

- Overhead ventilation fans with silent operation to maintain airflow
- Electrical outlet and USB charging port at work surface height
- Upto 30 dB (±5) sound reduction at sound level of 100 dB
- Manual/Sensor operated 6500K Integrated square LED overhead lighting
- Choice of powder coating finishes for outer body
- 100% Recyclable material with low recycling cost
- Customisable model to meet requirements as per the location

PRODUCT CODE: PSTP-PD437	
ITEMS	**SPECIFICATIONS**
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	1800mm
Width	1200mm
Height	2400mm
Clear Height	2250mm
Core Material	Wood
Glass Door Size	900 x 2250mm
Glass Thickness	10mm
Door Handel And frame	Matte Black
Work Table Size	One Wall Mounted Table 300 x 1000mm
Ceiling Light	One 12W Square LED Cool White (6500K)
Ceiling Light Type	Manually Operated
Ventilation Fan	250 CMH 22W 2000rpm
Switch & Power Socket	Three 6A Switch, Two 6A 3Pin Socket
Charger	Two 1500 mA Module Type C
LAN Port	One RJ45 Ethernet
Chair	Not Included

ThinkPod®
Soundproofing For Life

- Overhead ventilation fans with silent operation to maintain airflow

- Electrical outlet and USB charging port at work surface height

- Upto 30 dB (±5) sound reduction at sound level of 100 dB

- Manual/Sensor operated 6500K Integrated square LED overhead lighting

- Choice of powder coating finishes for outer body

- 100% Recyclable material with low recycling cost

- Customisable model to meet requirements as per the location

PRODUCT CODE: PSTP-PF438	
ITEMS	SPECIFICATIONS
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	2400mm
Width	1800mm
Height	2400mm
Clear Height	2250mm
Core Material	Wood
Glass Door Size	900 x 2250mm
Glass Thickness	10mm
Door Handel And frame	Matte Black
Work Table Size	One Center Table 850 x 1400mm
Ceiling Light	One 12W Square LED Cool White (6500K)
Ceiling Light Type	Manually Operated
Ventilation Fan	250 CMH 22W 2000rpm
Switch & Power Socket	Five 6A Switch, Four 6A 3Pin Socket
Charger	Two 1500 mA Module Type C
LAN Port	Two RJ45 Ethernet
Sofa	Not Included

ThinkPod™ Pro E | Eight Occupancy

ThinkPod®
Soundproofing For Life

- Overhead ventilation fans with silent operation to maintain airflow

- Electrical outlet and USB charging port at work surface height

- Upto 30 dB (±5) sound reduction at sound level of 100 dB

- Manual/Sensor operated 6500K Integrated square LED overhead lighting
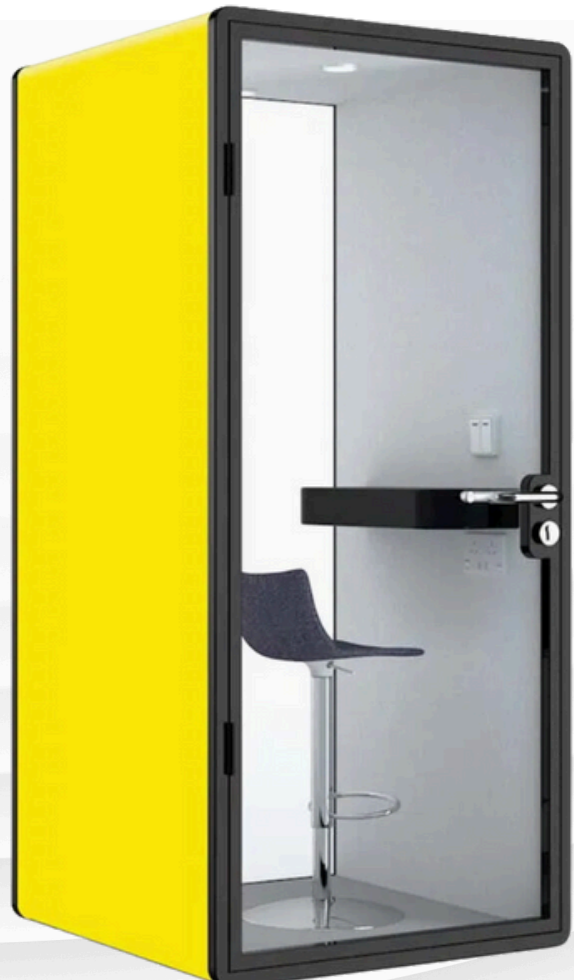
- Choice of powder coating finishes for outer body

- 100% Recyclable material with low recycling cost

- Customisable model to meet requirements as per the location

PRODUCT CODE: PSTP-PE439	
ITEMS	**SPECIFICATIONS**
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	2700mm
Width	2400mm
Height	2400mm
Clear Height	2250mm
Core Material	Wood
Glass Door Size	900 x 2250mm
Glass Thickness	10mm
Door Handel And frame	Matte Black
Work Table Size	One Center Table 850 x 2200mm
Ceiling Light	Two 12W Square LED Cool White (6500K)
Ceiling Light Type	Manually Operated
Ventilation Fan	Two 250 CMH 22W 2000rpm
Switch & Power Socket	Nine 6A Switch, Eight 6A 3Pin Socket
Charger	Four 1500 mA Module Type C
LAN Port	Four RJ45 Ethernet
Sofa	Not Included

ThinkPod™ Pro LS | Single Occupancy

THINKPOD®
Soundproofing For Life

- Overhead ventilation fans with silent operation to maintain airflow
- Electrical outlet and USB charging port at work surface height
- Upto 30 dB (±5) sound reduction at sound level of 100 dB
- Manual/Sensor operated 6500K Integrated square LED overhead lighting
- Choice of powder coating finishes for outer body
- 100% Recyclable material with low recycling cost
- Customisable model to meet requirements as per the location

PRODUCT CODE: PSTP-PRLS440	
ITEMS	**SPECIFICATIONS**
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	1200mm
Width	1500mm
Height	2400mm
Clear Height	2250mm
Core Material	Wood
Glass Door Size	900 x 2250mm
Glass Thickness	10mm
Door Handel And frame	Matte Black
Work Table Size	One Wall Mounted Table 600 x 600mm
Ceiling Light	One 3 in 1 white Tunable Square Light
Ceiling Light Type	Automatic sync to door
Ventilation Fan	250 CMH 22W 2000rpm
Switch & Power Socket	Two 6A Switch, Two 6A 3Pin Socket
Charger	One 1500 mA Module Type C
LAN Port	One RJ45 Ethernet
Chair	One Included 560 x 560x 970mm

- Overhead ventilation fans with silent operation to maintain airflow
- Electrical outlet and USB charging port at work surface height
- Upto 30 dB (±5) sound reduction at sound level of 100 dB
- Manual/Sensor operated 6500K Integrated square LED overhead lighting
- Choice of powder coating finishes for outer body
- 100% Recyclable material with low recycling cost
- Customisable model to meet requirements as per the location

PRODUCT CODE: PSTP-PRLD441	
ITEMS	**SPECIFICATIONS**
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	2400mm
Width	1200mm
Height	2400mm
Clear Height	2250mm
Core Material	Wood
Glass Door Size	900 x 2250mm
Glass Thickness	10mm
Door Handel And frame	Matte Black
Work Table Size	One Wall Mounted Table 400 x 1200mm
Ceiling Light	One 3 in 1 white Tunable Square Light
Ceiling Light Type	Automatic sync to door
Ventilation Fan	250 CMH 22W 2000rpm
Switch & Power Socket	Two 6A Switch, Three 6A 3Pin Socket
Charger	Two 1500 mA Module Type C
LAN Port	Two RJ45 Ethernet
Chair	Two Included 560 x 560x 970mm

ThinkPod™ Pro LF | Four Occupancy

ThinkPod®
Soundproofing For Life

- Overhead ventilation fans with silent operation to maintain airflow
- Electrical outlet and USB charging port at work surface height
- Upto 30 dB (±5) sound reduction at sound level of 100 dB
- Manual/Sensor operated 6500K Integrated square LED overhead lighting
- Choice of powder coating finishes for outer body
- 100% Recyclable material with low recycling cost
- Customisable model to meet requirements as per the location

PRODUCT CODE: PSTP-PRLF442	
ITEMS	**SPECIFICATIONS**
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	2400mm
Width	2400mm
Height	2400mm
Clear Height	2250mm
Core Material	Wood
Glass Door Size	900 x 2250mm
Glass Thickness	10mm
Door Handel And frame	Matte Black
Work Table Size	One Center Table 850 x 1400mm
Ceiling Light	Two 3 in 1 white Tunable Square Light
Ceiling Light Type	Automatic sync to door
Ventilation Fan	Two 250 CMH 22W 2000rpm
Switch & Power Socket	Five 6A Switch, Four 6A 3Pin Socket
Charger	Four 1500 mA Module Type C
LAN Port	Four RJ45 Ethernet
Sofa	Two 1500 x 620 x 830 (H)

ThinkPod™ Pro LE | Eight Occupancy

THINKPOD®
Soundproofing For Life

- Overhead ventilation fans with silent operation to maintain airflow

- Electrical outlet and USB charging port at work surface height

- Upto 30 dB (±5) sound reduction at sound level of 100 dB

- Manual/Sensor operated 6500K Integrated square LED overhead lighting

- Choice of powder coating finishes for outer body

- 100% Recyclable material with low recycling cost

- Customisable model to meet requirements as per the location

PRODUCT CODE: PSTP-PRLE443	
ITEMS	**SPECIFICATIONS**
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	3600mm
Width	2400mm
Height	2400mm
Clear Height	2250mm
Core Material	Wood
Glass Door Size	900 x 2250mm
Glass Thickness	10mm
Door Handel And frame	Matte Black
Work Table Size	One Center Table 850 x 3000mm
Ceiling Light	Four 3 in 1 white Tunable Square Light
Ceiling Light Type	Automatic sync to door
Ventilation Fan	Four 250 CMH 22W 2000rpm
Switch & Power Socket	Nine 6A Switch, Eight 6A 3Pin Socket
Charger	Eight 1500 mA Module Type C
LAN Port	Eight RJ45 Ethernet
Sofa	Two 3300 x 620 x 830 (H)

- Overhead ventilation fans with silent operation to maintain airflow

- Electrical outlet and USB charging port at work surface height

- Upto 30 dB (±5) sound reduction at sound level of 100 dB

- Manual/Sensor operated 6500K Integrated square LED overhead lighting

- Choice of powder coating finishes for outer body

- 100% Recyclable material with low recycling cost

- Customisable model to meet requirements as per the location

ITEMS	SPECIFICATIONS
PRODUCT CODE: PSTP-LS444	
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	1200mm
Width	1200mm
Height	2400mm
Clear Height	2250mm
Core Material	Wood
Glass Door Size	900 x 2250mm
Glass Thickness	10mm
Door Handel And frame	Matte Black
Work Table Size	One Wall Mounted Table 300 x 600mm
Ceiling Light	One 12W Square LED Cool White (6500K)
Ceiling Light Type	Manually Operated
Ventilation Fan	250 CMH 22W 2000rpm
Switch & Power Socket	Two 6A Switch, One 6A 3Pin Socket
Charger	One 1500 mA Module Type C
E-Learning Tab	Not Included
Chair	Not Included

ThinkPod™ Lite D | Double Occupancy

THINKPOD®
Soundproofing For Life

- Overhead ventilation fans with silent operation to maintain airflow
- Electrical outlet and USB charging port at work surface height
- Upto 30 dB (±5) sound reduction at sound level of 100 dB
- Manual/Sensor operated 6500K Integrated square LED overhead lighting
- Choice of powder coating finishes for outer body
- 100% Recyclable material with low recycling cost
- Customisable model to meet requirements as per the location

PRODUCT CODE: PSTP-LD445	
ITEMS	SPECIFICATIONS
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	1800mm
Width	1200mm
Height	2400mm
Clear Height	2250mm
Core Material	Wood
Glass Door Size	900 x 2250mm
Glass Thickness	10mm
Door Handel And frame	Matte Black
Study Table Size	One Wall Mounted Table 300 x 1000mm
Ceiling Light	One 12W Square LED Cool White (6500K)
Ceiling Light Type	Manually Operated
Ventilation Fan	250 CMH 22W 2000rpm
Switch & Power Socket	Three 6A Switch, Two 6A 3Pin Socket
Charger	Two 1500 mA Module Type C
E-Learning Tab	Not Included
Chair	Not Included

ThinkPod™ Lite SE | Single Occupancy with E-Learning

ThinkPod®
Soundproofing For Life

- Overhead ventilation fans with silent operation to maintain airflow

- Electrical outlet and USB charging port at work surface height

- Upto 30 dB (±5) sound reduction at sound level of 100 dB

- Manual/Sensor operated 6500K Integrated square LED overhead lighting

- Choice of powder coating finishes for outer body

- 100% Recyclable material with low recycling cost

- Customisable model to meet requirements as per the location

PRODUCT CODE: PSTP-LISE446	
ITEMS	**SPECIFICATIONS**
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	1200mm
Width	1500mm
Height	2400mm
Clear Height	2250mm
Core Material	Wood
Glass Door Size	900 x 2250mm
Glass Thickness	10mm
Door Handel And frame	Matte Black
Work Table Size	One Wall Mounted Table 600 x 600mm
Ceiling Light	One 3 in 1 white Tunable Square Light
Ceiling Light Type	Automatic sync to door
Ventilation Fan	250 CMH 22W 2000rpm
Switch & Power Socket	Two 6A Switch, Two 6A 3Pin Socket
Charger	One 1500 mA Module Type C
E-Learning Tab	One 10.6 inch 6 GB, 128 GB Expandable, Wi-Fi+ 5G, 90 Hz, 2K Display
Chair	One Included 560 x 560x 970mm

ThinkPod™ Lite DE | Double Occupancy with E-Learning

THINKPOD®
Soundproofing For Life

- Overhead ventilation fans with silent operation to maintain airflow
- Electrical outlet and USB charging port at work surface height
- Upto 30 dB (±5) sound reduction at sound level of 100 dB
- Manual/Sensor operated 6500K Integrated square LED overhead lighting
- Choice of powder coating finishes for outer body
- 100% Recyclable material with low recycling cost
- Customisable model to meet requirements as per the location

PRODUCT CODE: PSTP-LIDE447	
ITEMS	**SPECIFICATIONS**
Outer Body Finish	Mica Laminated
Inner Body Finish	9mm PET
Length	2400mm
Width	1200mm
Height	2400mm
Clear Height	2250mm
Core Material	Wood
Glass Door Size	900 x 2250mm
Glass Thickness	10mm
Door Handel And frame	Matte Black
Work Table Size	One Wall Mounted Table 400 x 1200mm
Ceiling Light	One 3 in 1 white Tunable Square Light
Ceiling Light Type	Automatic sync to door
Ventilation Fan	250 CMH 22W 2000rpm
Switch & Power Socket	Two 6A Switch, Three 6A 3Pin Socket
Charger	Two 1500 mA Module Type C
E-Learning Tab	One 10.6 inch 6 GB, 128 GB Expandable, Wi-Fi+ 5G, 90 Hz, 2K Display
Chair	Two Included 560 x 560x 970mm
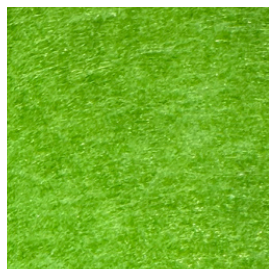
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PSTP-19ISC468	PSTP-12ISC469	PSTP-32ISC470	PSTP-3ISC471	PSTP-2ISC472
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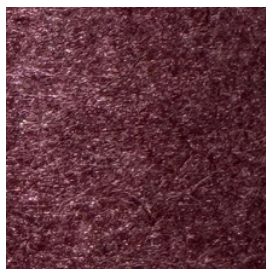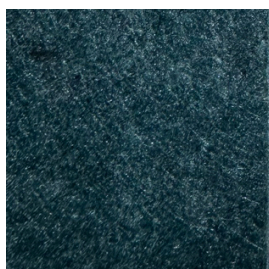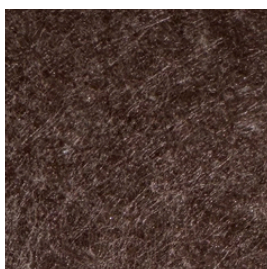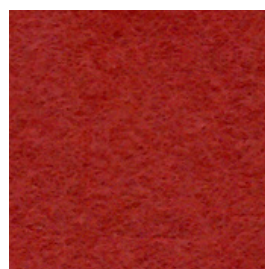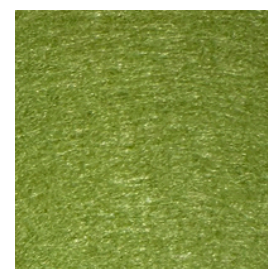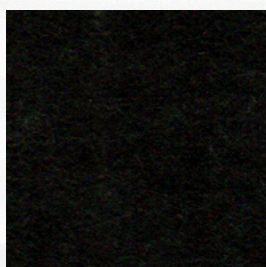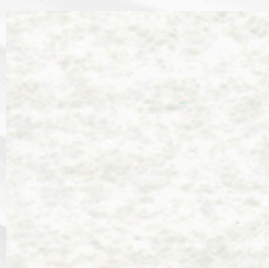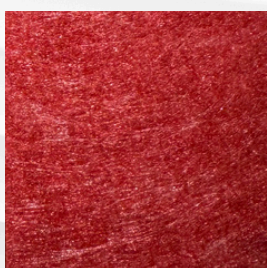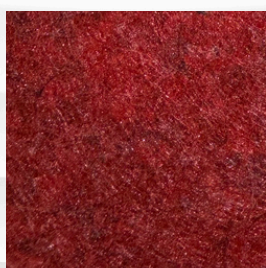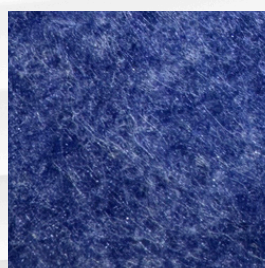
ThinkPod®
Soundproofing For Life
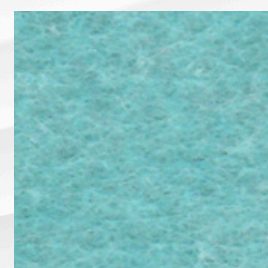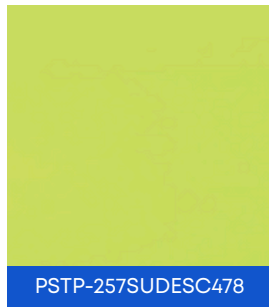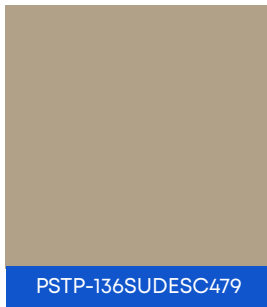
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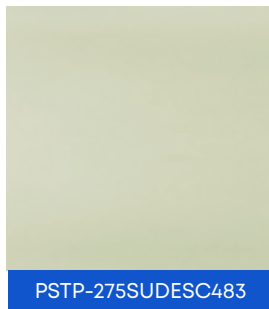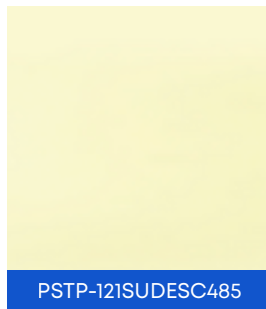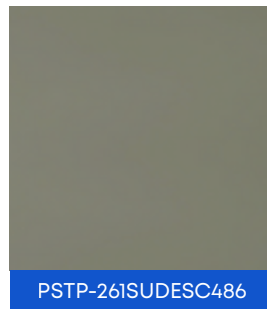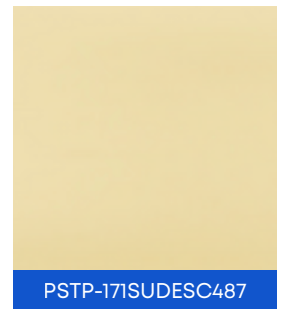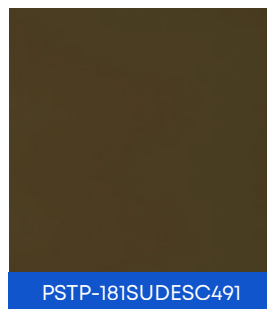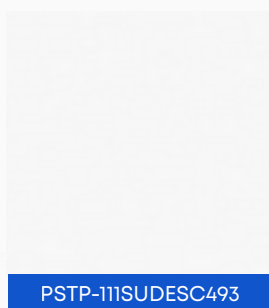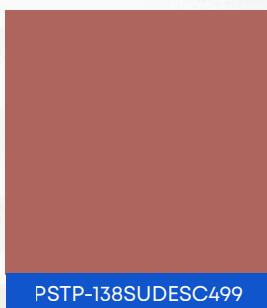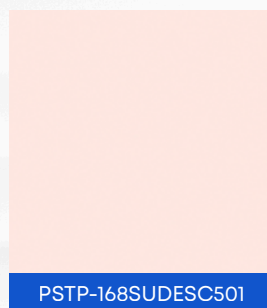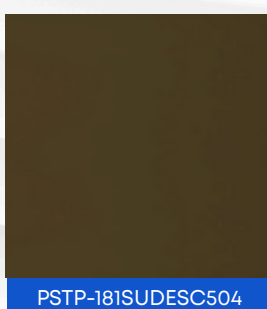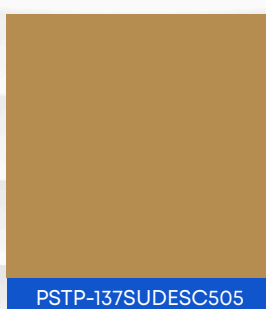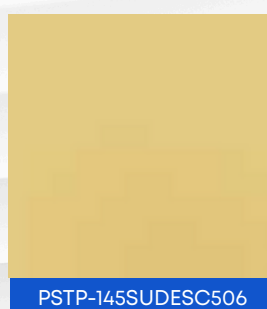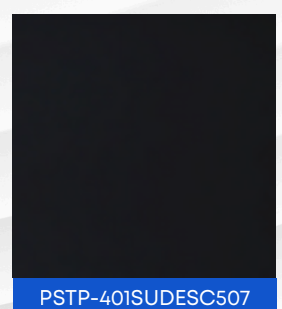
MLV Sound Damping Sheet

MODELS | SPECIFICATIONS | CODES

MLV
SOUND DAMPING SHEET

PackSound®
Beginning of a Peaceful Tomorrow

Why ThinkPod™?

HIGH PERFORMANCE
Sound reduction of up to 60 dB at 120 dB

LATEST TECHNOLOGY
High-density, flexible synthetic composition

SUPERIOR QUALITY
Made with ultra refined & high end raw material

ADAPTIVE NATURE
Stretchable and adaptable to curves, edges, and junctions

CUSTOMISABLE MODELS
Available with felt or for gypsum board integration

PackSound™ is a high-performance, synthetic soundproofing membrane designed for maximum acoustic efficiency with minimal thickness. With its high-density composition and exceptional flexibility, it offers superior sound insulation across a wide range of construction and industrial applications—without compromising on space or design intent.

This advanced membrane conforms effortlessly to irregular surfaces, corners, and joints, making it ideal for complex installations. It is compatible with gypsum boards, composite panels, or acoustic felts, and is available in multiple weights and custom sizes for system-specific integration.

Fire Performance Excellence

PackSound™ is non-flammable, self-extinguishing, and highly resistant to high temperatures. It does not drip, melt, or release molten particles, offering reliable fire safety across critical environments.

PackSound®
Beginning of a Peaceful Tomorrow

BUILDING & INDUSTRY
NOISE CHALLENGE

We are redefining soundproofing for structures and industries. Our effective product and its types, which are available in a variety of variations to meet your soundproofing needs, make it simpler and more convenient.

01. PackSound™ simplifies the challenging task of controlling impact sound in modern structures. For optimal results, it can be applied to the floor, walls, and ceiling. Compared to other soundproofing products, it is inexpensive and has a long lifespan.

02. PackSound™ can be used with gypsum and bison boards, among other building materials, to meet sound insulation and attenuation requirements. It is fire resistant, making it an ideal building material for industrial and commercial structures.

03. PackSound™ can be used in industry to effectively reduce machinery noise and vibration. Due to its resistance to high temperatures, it is appropriate for industrial applications. It is the most effective noise barrier for protecting workers from excessive noise levels.

PackSound Applications

Hotel	School	Hospital
Airport	Factory	Auditorium
Office	Mall	Stadium

PackSound MLV Long Term Benefit's

AIRBORNE NOISE INSULATION **IMPACT NOISE INSULATION** **MACHINE NOISE INSULATION** **SOUND DAMPENING** **COST EFFECTIVE** **BEST QUALITY** **LONG LIFE PRODUCT** **FAST DELIVERY**
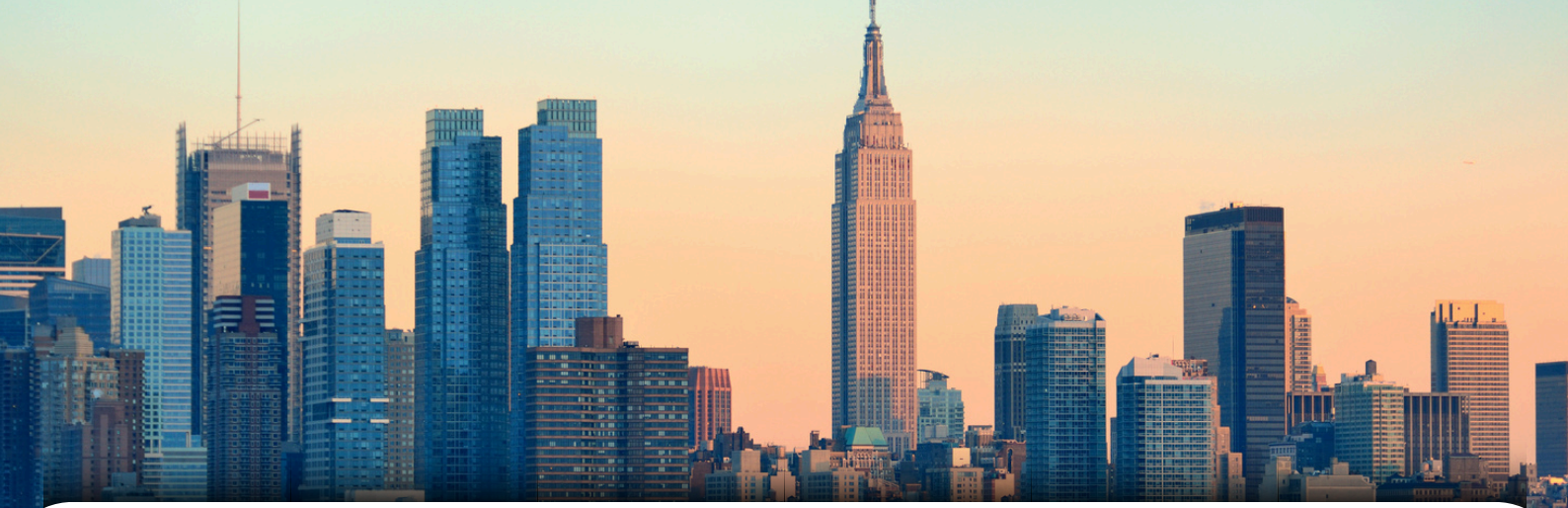
PackSound™ is a next-generation high-density synthetic soundproofing membrane engineered for outstanding acoustic performance across a wide range of construction and industrial applications. Designed for both new builds and retrofits, PackSound™ offers exceptional sound reduction without adding bulk, making it the perfect choice where space efficiency and acoustic comfort are critical.

Product Highlights

High Flexibility: Easily adapts to any surface, shape, or junction—including complex corners and curves ensuring uniform acoustic coverage.

Space-Saving Performance: Delivers powerful sound absorption and transmission loss without increasing structural thickness.

Exceptional Fire Resistance: Non-flammable, self-extinguishing, and resistant to high temperatures. It does not drip, melt, or release molten particles during exposure to fire.

Versatile Applications: Available in multiple weights and sizes, compatible with gypsum boards, cement fiber boards, and acoustic felts suitable for wall, ceiling, and floor systems.

Custom Integration: Can be used with partitions, drywall assemblies, ceilings, enclosures, and flooring systems across residential, commercial, and industrial projects.

PackSound Damping Sheet Variants

1	Density and Sheet Size	Density: 2,000 Kg/M^3 Size: 5m x 1.2m	
2	PackSound **Slim**	Thickness: 2mm STC: 26 db(A)	**Product Code: PSPS-S508**
3	PackSound **Pro**	Thickness: 3mm STC: 30.7 db(A)	**Product Code: PSPS-P509**
4	PackSound **Super**	Thickness: 4mm STC: 35.8 db(A)	**Product Code: PSPS-S510**
5	PackSound **Ultra**	Thickness: 5mm STC: 42.7 db(A)	**Product Code: PSPS-U511**

The PACKSOUND™ series offers a diverse range of soundproofing solutions, each designed to meet varying levels of acoustic performance and structural requirements. Here's a quick comparison to help you choose the right variant for your needs:

1. **PACKSOUND™ Slim 2mm**
   - Sound Transmission Class (STC): 26 db(A)
   - Thickness: 2 Millimeters
   - Ideal for: Basic soundproofing needs in residential or light commercial applications.

2. **PACKSOUND™ Pro 3mm**
   - Sound Transmission Class (STC): 30.7 db(A)
   - Thickness: 3 Millimeters
   - Ideal for: Enhanced acoustic performance, suitable for offices or home studios.

3. **PACKSOUND™ Super 4mm**
   - Sound Transmission Class (STC): 38.4 db(A)
   - Thickness: 4 Millimeters
   - Ideal for: Advanced soundproofing solutions, great for high-traffic commercial spaces or media rooms.

4. **PACKSOUND™ Ultra 5mm**
   - Sound Transmission Class (STC): 42.7 db(A)
   - Thickness: 5 Millimeters
   - Ideal for: Superior sound isolation, perfect for professional recording studios or industrial applications.

Each variant is crafted to ensure easy installation and maximum efficiency, providing a reliable solution to meet your soundproofing requirements.

PACKSOUND™ SS 2mm | 26 db(A) STC

PERFORMANCE GRAPH
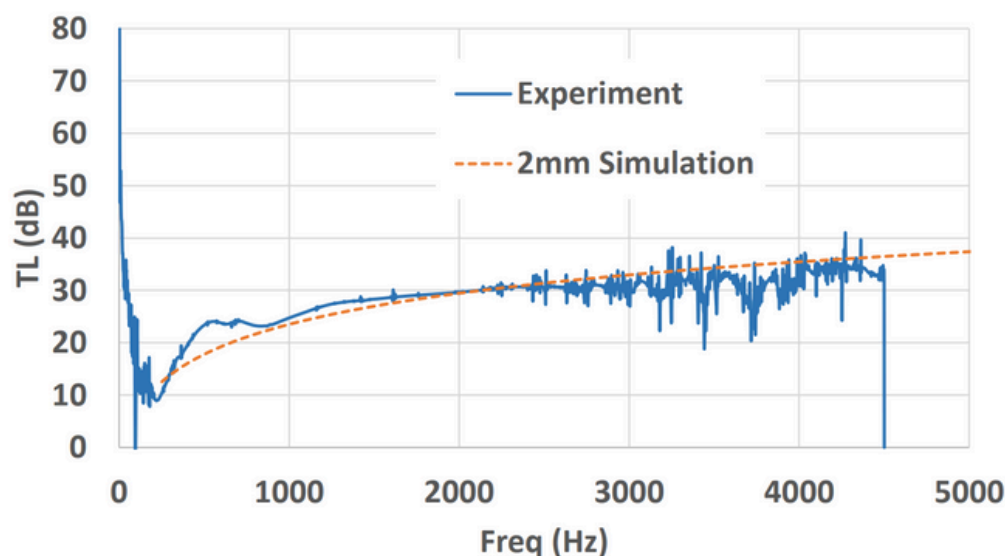
PACKSOUND™ Pro 3mm | 30.7 db(A) STC
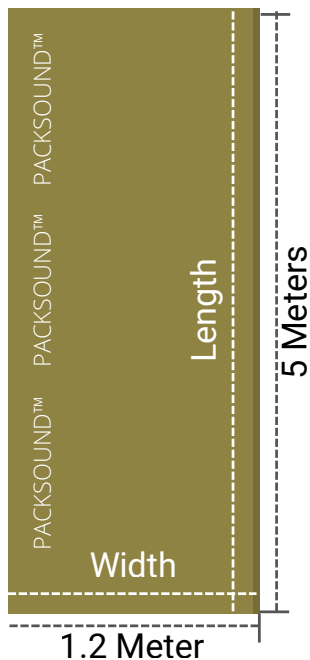
Thickness 3 Millimetres

PERFORMANCE GRAPH
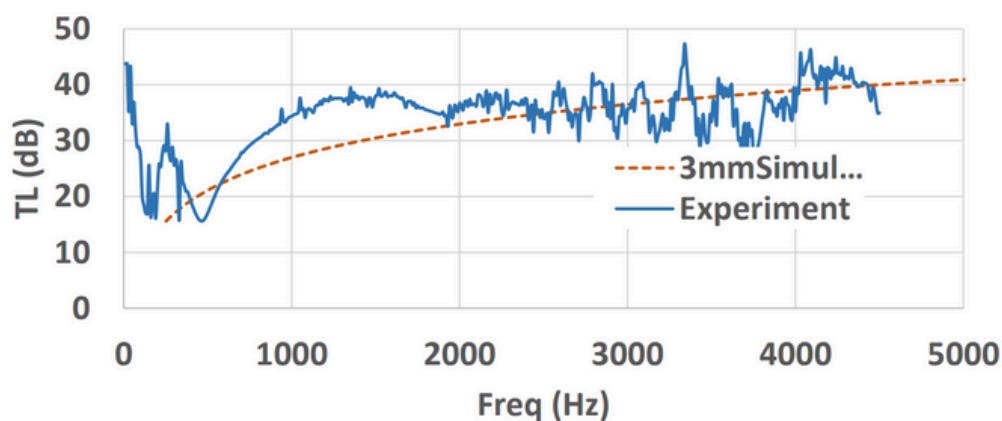
PACKSOUND™ Super 4mm | 38.4 db(A) STC
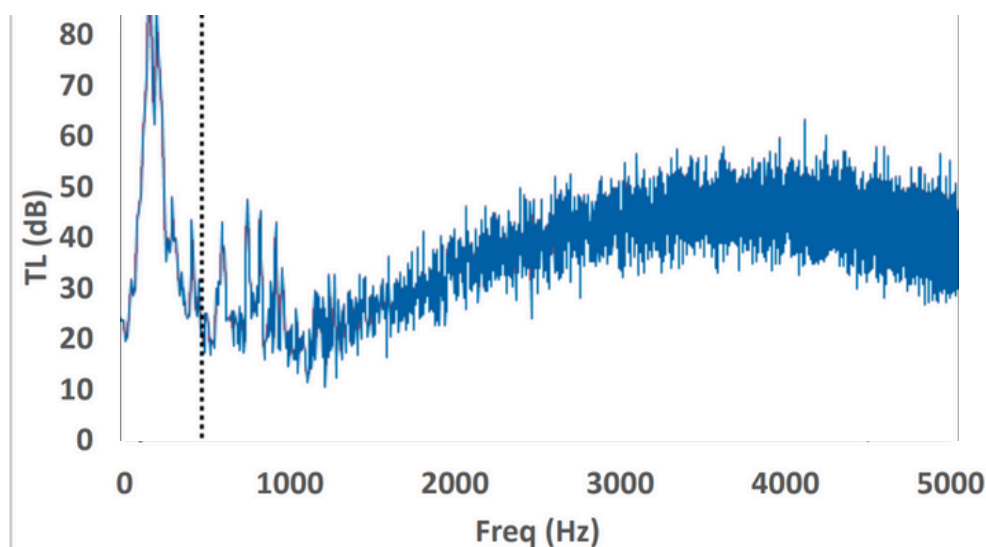
Thickness 4 Millimetres

PERFORMANCE GRAPH

PACKSOUND™ Ultra 5mm | 42.7 db(A) STC

Thickness 5 Millimetres

PERFORMANCE GRAPH

WOODEN SLATS
INSULATION
CHANEL
PACK SOUND 3mm
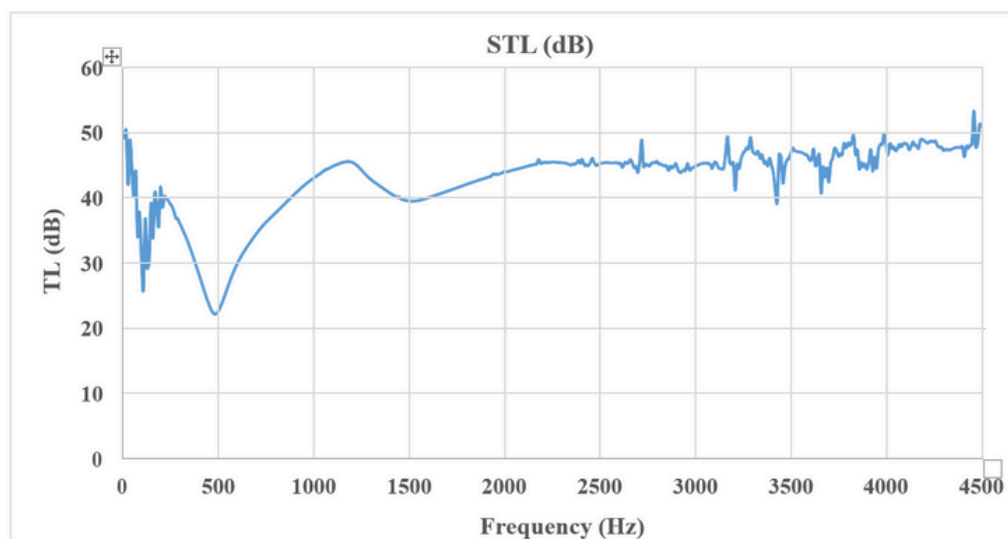
1. Traditional Brick Wall
2. PackSound™ Ultra 5mm
3. GI Channel grid framework made out of GI sheet 0.5 mm thick and grid size will be 600 x 900mm
4. Acoustic Insulation of thickness 50 mm and density 48 kg/m³
5. Acoustic tissue paper.
6. Acoustic Grooved wooden slats.

Component	Specification
Structural Framework	GI Channel Grid, 0.5 mm thick G.I. sheet, Grid size: 600 × 900 mm
Soundproofing Membrane	PackSound™ Ultra, 5 mm thick flexible high-density synthetic layer
Insulation Core	Rockwool, 50 mm thick, 48 kg/m³ density
Acoustic Enhancer Layer	Acoustic Tissue Paper – suppresses fiber air transmission and echoes
Finish Panel	Acoustic Grooved Wooden Slats
Overall Wall Performance	NRC value: ≥ 0.85 (subject to configuration)
Use Case	Wall-mounted acoustic system for sound isolation and echo control
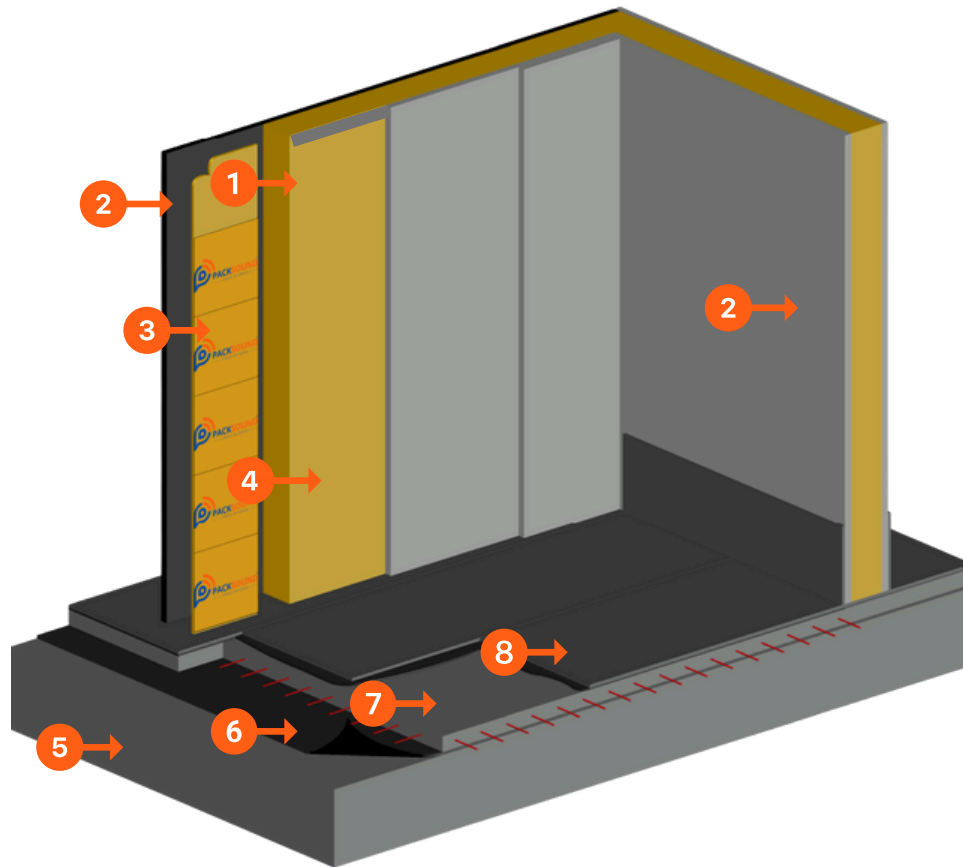
This integrated system combines advanced drywall construction with high-performance floor soundproofing using PackSound™ Ultra to deliver exceptional noise isolation. Designed for modern buildings that require soundproofing without structural overload, this system is ideal for hotels, classrooms, offices, and other commercial environments.

Drywall Partition System	
Layer	**Specification / Material**
1. RCC Slab	Base concrete slab of required thickness (structural base)
2. Soundproof Membrane	PackSound™ Ultra – 5 mm flexible soundproofing sheet
3. PCC Layer	50 mm Plain Cement Concrete – leveling and stability
4. Final Finish Layer	Tiles / Vinyl / Wooden Flooring – as per interior specification

Floor Assembly	
Layer	**Specification / Material**
1. GI Channel Framework	0.5 mm thick GI studs and tracks – structural skeleton
2. Acoustic Panels	12 mm Gypsum / Calcium Silicate / Cement Fibre Boards – dual side sheathing
3. Soundproof Membrane	PackSound™ Ultra – 5 mm flexible sound barrier layer (within wall layers)
4. Insulation Core	50 mm Rockwool, 48 kg/m³ – acoustic absorption and thermal control
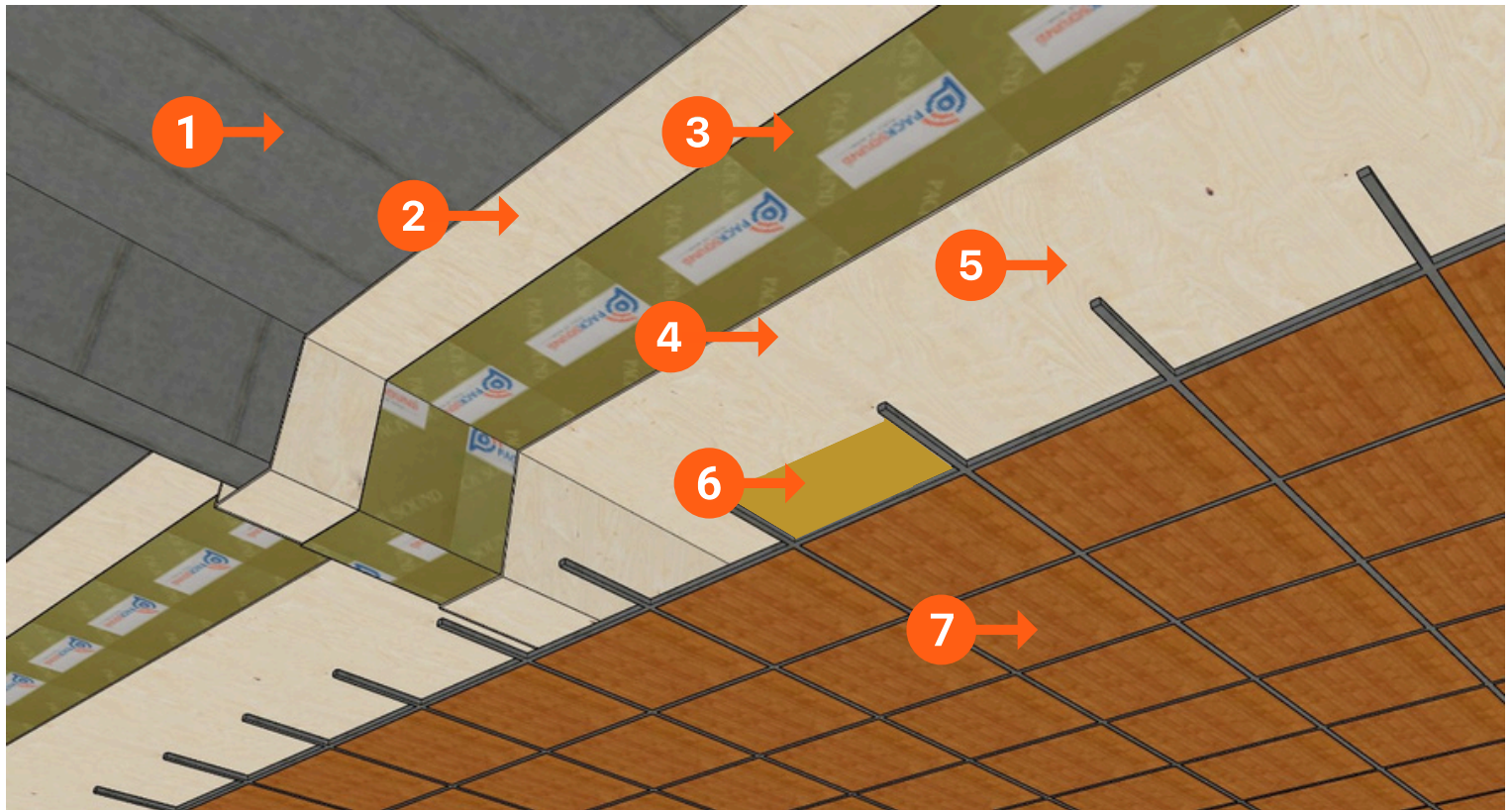
PackSound Pro Acoustic Ceiling Assembly

The PackSound™ Pro Acoustic Ceiling System is a precision-engineered assembly that delivers the perfect balance of sound absorption, soundproofing, and structural integrity making it ideal for noise-sensitive environments such as theatres, conference rooms, and studios.

Built upon a solid RCC slab, the system features dual fiberboard layers that provide rigidity while creating a secure base for PackSound™ Pro 3mm, a high-density synthetic membrane designed to reduce airborne sound transmission. This central soundproofing layer is mechanically sandwiched between boards to ensure long-term adhesion and acoustic performance.

A T24 grid system (595 x 595 mm) anchors the ceiling structure and holds Ecotone Perfoaudile™ perforated acoustic panels backed with 50 mm rockwool insulation (48 kg/m³ density). This combination delivers high NRC values, controlling reverberation and enhancing speech clarity in large or acoustically demanding spaces.

Layer	Specification / Function
1. RCC Slab	Structural ceiling base (varied thickness as per design)
2. Fiber Board Layer (Top)	Provides a base for mounting and additional acoustic dispersion
3. PackSound™ Pro	3 mm high-density soundproofing membrane for airborne noise control
4. Fiber Board Layer (Bottom)	Sandwich layer to enhance rigidity and improve bonding surface
5. T24 Grid System	Standard 595 × 595 mm exposed metal ceiling grid for modular panel support
6. Rockwool Insulation	50 mm thickness, 48 kg/m³ density – high NRC performance backing layer
7. Acoustic Finish	Perforated Acoustic Panels for optimal absorption and visual appeal

Pre-Installation Preparation

1. Surface Preparation: Ensure the wall, ceiling, or floor surface is clean, smooth, and free from dust, oil, or debris.
2. Storage Conditions: Store PackSound sheets in a dry, cool environment to preserve material integrity before use.
3. Electrical Setup: Complete all electrical fittings prior to installation. Properly seal electrical outlets, junction boxes, and fixtures to prevent sound leakage and maintain safety.

Installation Procedure

1. Sheet Overlap: On joints between two PackSound™ sheets, overlap by at least 75 mm to prevent sound leakage.
2. Adhesive Use: Apply a rubber-based adhesive to the back of the sheet for a firm and lasting grip on the surface.
3. Bonding Method: Use a roller or flat pressure tool to apply uniform pressure and ensure full adhesion with the surface.

Post-Installation Checklist

1. Inspection: Conduct a thorough visual check for any gaps, misalignments, or incomplete seals.
2. Safety Precautions: Always wear protective gear such as gloves and goggles while handling and installing sheets.
3. Manufacturer Compliance: Follow all manufacturer instructions and safety datasheets for correct application and product longevity.

1. Measure the area accurately before cutting Packsound sheets, as incorrect measurements can lead to wastage and ineffective soundproofing.
2. Avoid using water-based adhesives, as they may not provide the necessary hold and could compromise the installation.
3. Do not leave gaps between sheets, as this can allow sound to pass through and reduce the effectiveness of the soundproofing.
4. Avoid installing Packsound in damp or humid environments, as moisture can affect the material's integrity and performance.
5. Do not skip the cleaning step; ensure the surface is free from dust and debris, which can hinder the adhesive's ability to bond properly.
6. Never rush the installation process; take your time to ensure each step is completed thoroughly and accurately.
7. Do not use any abrasive tools or materials on the Packsound surface, which might scratch or degrade its soundproofing capabilities.
8. Avoid stacking heavy objects on top of stored Packsound sheets, as this can cause warping or distortion before installation.
9. Avoid nailing multiple time as it may lead to sound leakage due to openings.
10. Never attempt to repair damaged Packsound sheets; replace them to maintain optimal soundproofing efficiency.

AquaSonic®

Submarine | Aircraft Carriers | Cruise ships

Soundproofing Products for the **World's Toughest Waters**

AquaSonic™ Underwater Acoustic Panel

PackSound®

- Micro-perforated panel
- Elastomer
- Steel backing
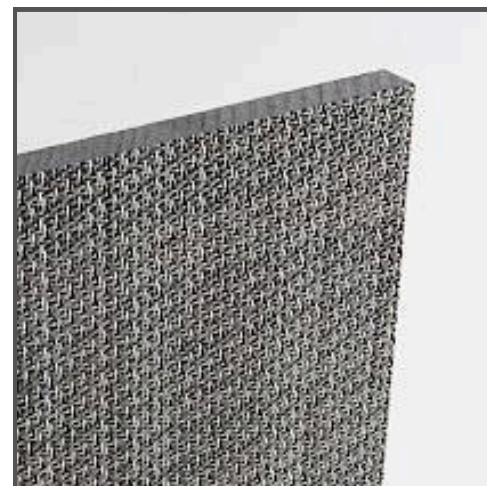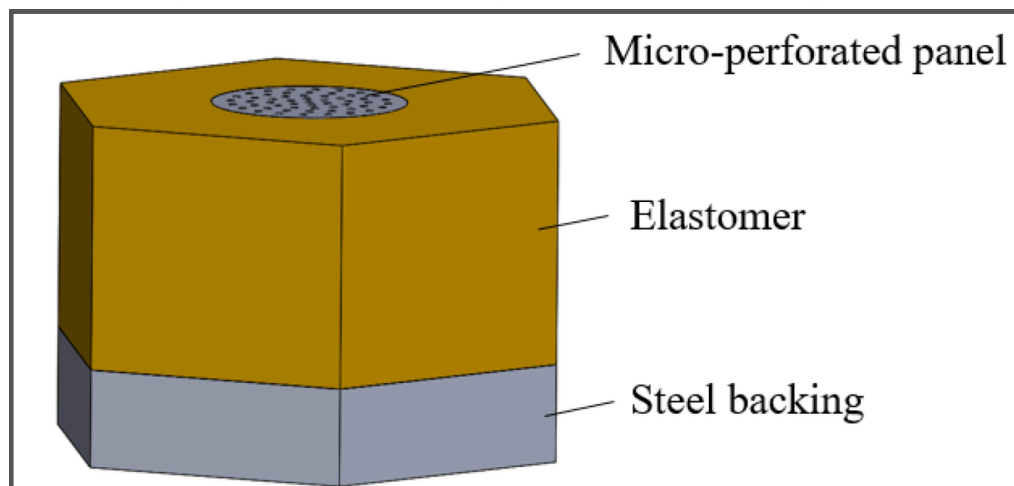
AquaSonic™ Underwater Acoustic Panels are advanced sound-absorbing solutions designed to reduce noise transmission and structural vibration in submarine compartments, underwater vessels, offshore platforms, and deep-sea installations. Built with marine-grade, pressure-resistant materials, these panels deliver unmatched acoustic performance even in the harshest submerged environments. Engineered Silence for Submarine & Marine Environments

APPLICATION AREAS

1. Submarine sleeping cabins & control rooms
2. ROVs/AUVs noise dampening chambers
3. Sonar & navigation bays
4. Naval vessel interiors
5. Offshore underwater acoustic test labs
6. Research-grade submersibles

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.9 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from more than 30 stunning shades crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSAS-UAP512	
PARAMETER	**SPECIFICATIONS**
NRC	Up to 0.90 (in submerged application)
Material Composition	Closed-cell elastomeric foam + marine-grade polymer skin
Panel Thickness	10 mm to 50 mm (customizable)
Density	160−200 kg/m³
Water Absorption	< 0.5% by volume (ASTM C272)
Hydrostatic Pressure Resistance	Up to 50 bar
Thermal Operating Range	−10°C to +85°C
Flammability Standards	IMO FTP Code Part 2 & 5, UL94 V-0
Surface Finishes	PVC-coated, glass-cloth, or customized skin
Color Options	Navy Grey, Deep Blue, Custom
Installation Methods	Adhesive bonding or mechanical fasteners
Available Formats	Pre-cut panels, rolls, modular kits

PackSound®
Beginning of a Peaceful Tomorrow
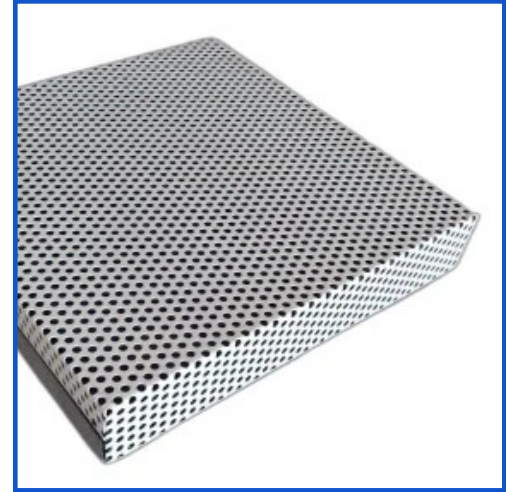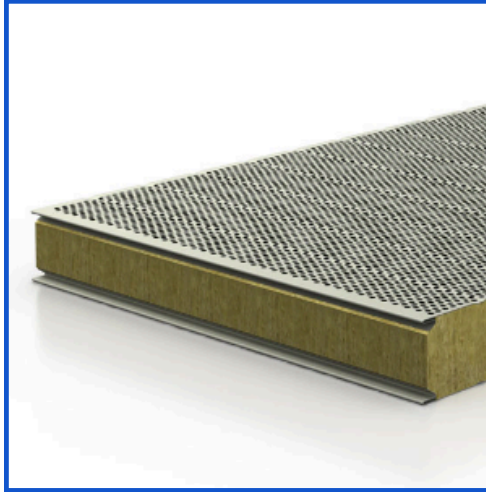
AquaSonic™ Internal Hull Sound Damping Panels are high-performance acoustic solutions designed to reduce structure-borne and airborne noise within marine vessels. Built with multi-layer composites, these panels combine water-resistant mass-loaded cores and resilient damping layers, making them ideal for harsh maritime environments. Suitable for use in engine rooms, hull interiors, bulkheads, and deck undersides.

APPLICATION AREAS

1. Ship & Submarine Hull Linings
2. Engine Room Soundproofing
3. Crew Cabin & Living Quarters
4. Bulkhead and Deck Acoustic Insulation
5. Naval, Commercial & Luxury Marine Vessels

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.9 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
- Choose from more than 30 stunning shades crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSAS-HSDP513

PARAMETER	SPECIFICATIONS
Core Material	Mass Loaded Vinyl (MLV) + Closed-Cell Damping Foam
Finish	Marine-grade Reinforced Aluminium Foil / Fabric
Standard Thickness	25 mm / 50 mm
Density	3.5 to 6.5 kg/m² (depending on configuration)
Sound Transmission Loss (STL)	Up to 28–32 dB @ 500–1000 Hz
Fire Resistance	BS 476 Class 0 / ASTM E84 Class A
Water Resistance	IPX4 / Salt Spray Tested (ASTM B117)
Thermal Conductivity	≤ 0.035 W/mK
Operating Temperature	-20°C to +85°C
Installation	Adhesive bonding / mechanical fixing
Customization	Cut-to-size panels with optional edge sealing

PackSound®
Beginning of a Peaceful Tomorrow

(a) ... Plane A ... facesheet perforation ... honeycomb cavity ... Plane B

(b) plane wave ... cavity ... PHCH ... rigid wall

AquaSonic™ PHCH Low Frequency Super Absorber is a thin, high-stiffness composite sandwich panel engineered for broadband low-frequency absorption. It incorporates perforated metal skins, corrugated internal partitions, and micro-perforations to form multiple Helmholtz resonators, achieving near-perfect absorption in the 100−600 Hz range ideal for submarines, marine vessels, acoustic chambers, and industrial enclosures

Customization & Tuning

1. Thickness (H): Adjust to target specific target frequencies
2. Facesheet Thickness (t_1) & Hole Diameter (d_1): Fine-tune resonance peaks and bandwidth
3. Corrugation Parameters (t_2, d_2): Broaden absorption and improve low-mid frequency performance
4. Materials: Can swap GFRP, carbon fiber, or marine-grade metals as needed
5. Perforation Patterns: customizable for aesthetics or acoustic tuning

Mechanical & Environmental Strength

1. Stiffness & Structural Integrity: Matches standard honeycomb sandwich panels
2. Impact Resistance: High suitable for load bearing environments
3. Durability: Corrosion-resistant materials; ideal for marine/industrial use

APPLICATION AREAS

1. Ship & Submarine Hull Linings
2. Engine Room Soundproofing
3. Crew Cabin & Living Quarters
4. Bulkhead and Deck Acoustic Insulation
5. Naval, Commercial & Luxury Marine Vessels

PRODUCT CODE: PSAS-PLFSA514

PARAMETER	SPECIFICATIONS
Panel Thickness (H)	20 mm, 40 mm, 60 mm
Facesheet Thickness (t_1)	1−4 mm (variations affect bandwidth vs. peak frequency)
Corrugation Thickness (t_2)	~1 mm
Perforation Diameters	Top facesheet (d_1): 0.4−1.3 mm; Corrugation (d_2): ~1 mm
Density	Lightweight composite (~4−8 kg/m²); customization depends on material
Low-Frequency Performance	Peak absorption up to 0.99 at ~580 Hz (for 60 mm version)
Bandwidth	Over two octaves with α > 0.5 from ~290−≈1160 Hz (60 mm version)
Normalized Thickness	~1/10 of wavelength at lowest peak—truly subwavelength
Dissipation Mechanism	>99% via viscous friction in micro-perforations
Installation	Adhesive bonding / mechanical fixing
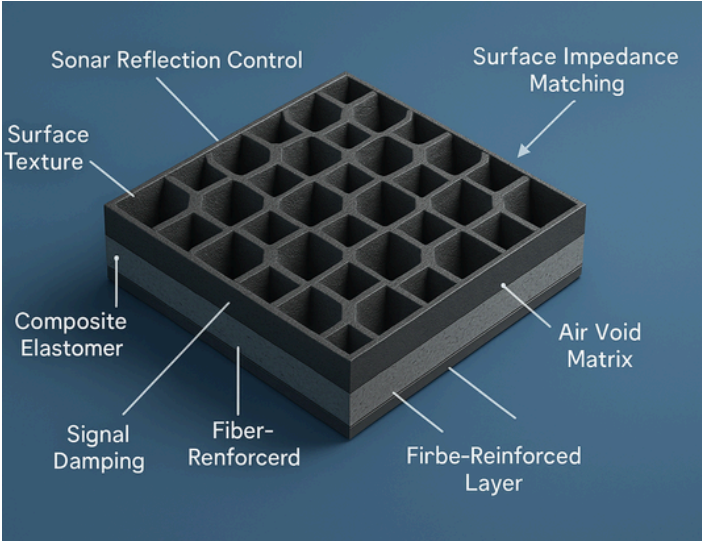
AquaSonic™ Sonar Reflection Control Panels and Signal Dampers are precision-engineered for naval stealth and underwater acoustic optimization. These advanced materials and structural systems are designed to:

- **Minimize sonar backscatter**
- **Suppress echo signatures**
- **Dampen unwanted acoustic signals**

across a wide range of active and passive sonar frequency bands. Ideal for submarines, unmanned underwater vehicles, sonar chambers, and marine stealth applications, AquaSonic™ enhances underwater signature control and acoustic performance in demanding environments.

AquaSonic™ Sonar Reflection Control Panels & Signal Dampers systems integrate acoustic impedance-matched coatings, meta-material inspired void geometries, and multi-layered absorptive cores to achieve broadband reflection loss and targeted signal damping. The design ensures acoustic stealth, protects sensitive equipment from sonar interference, and enhances the signal-to-noise ratio in underwater operations.

APPLICATION AREAS

1. Naval stealth coating for submarine hulls
2. Underwater vehicle acoustic cloaking
3. Sonar test tanks and reflection control chambers
4. Signal conditioning for hydroacoustic sensors
5. Research submarines and stealth ROVs

- Proudly crafted in India using advanced indigenous acoustic technology
- Designed for minimal maintenance and maximum efficiency
- NRC up to 0.9 with advanced acoustic layering
- Durability of up to 10 years with proper care and maintenance.
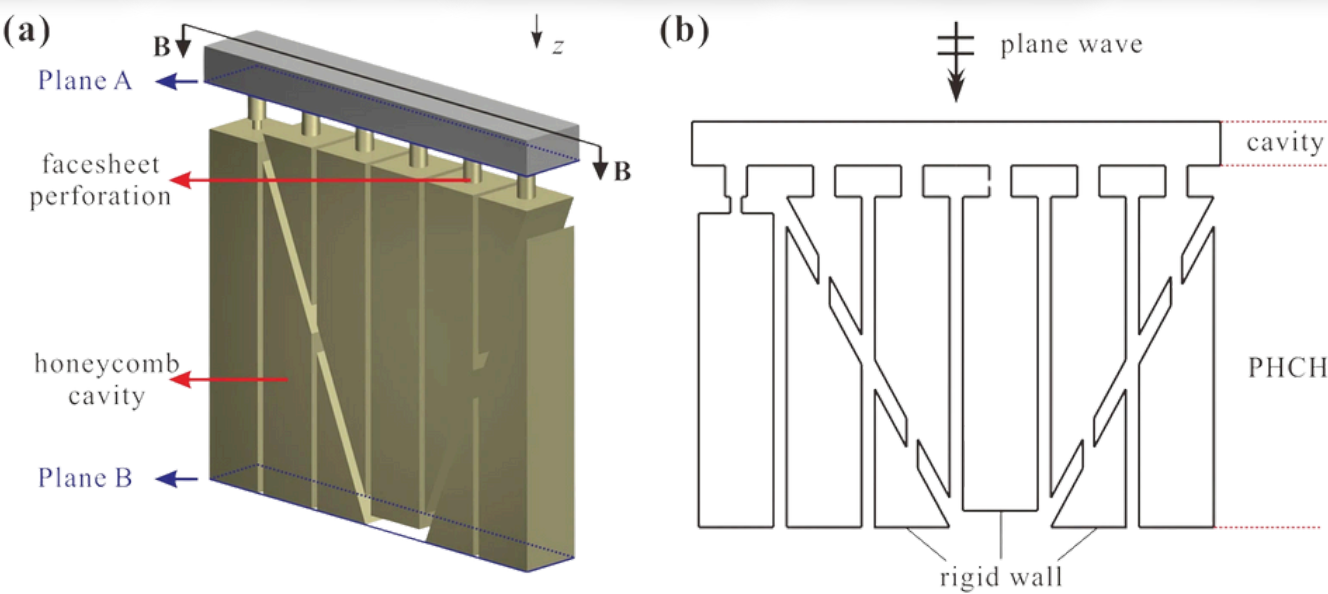- Choose from more than 30 stunning shades crafted to complement any space
- Crafted from eco-conscious materials with an ultra-low carbon footprint
- Customisable design tailored to suit location-specific requirements.

PRODUCT CODE: PSAS-SRCP&SD515	
PARAMETER	**SPECIFICATIONS**
Material Composition	Composite Elastomer + Air Void Matrix + Fiber-Reinforced Layers
Core Design	Honeycomb / Corrugated / Meta-structured Helmholtz Cell Arrays
Surface Impedance Matching	Tuned to water (1.5 MRayl) ±5% for minimal acoustic mismatch
Frequency Range	1 kHz – 100 kHz (configurable)
Reflection Loss	> 25 dB (typical in 5–50 kHz band)
Signal Damping (Transmission)	> 80% attenuation for broadband signals
Thickness Range	20 mm to 80 mm depending on design and frequency requirements
Buoyancy Control	Neutral / Negative (custom-configured)
Temperature Resistance	-10°C to +90°C (marine grade polymers)
Salt Spray Resistance	1000 hrs ASTM B117
Installation	Adhesive bonding / mechanical mount / modular tile-based panels

Advanced Acoustic Testing & Simulation Services for Industrial & Architectural Projects

Test
Simulate
Validate

Delivering Acoustic Perfection
From Virtual Models to Real-World

SPL from the omnidirectional source at the location of the audience.

Acoustic pressure at listening points.
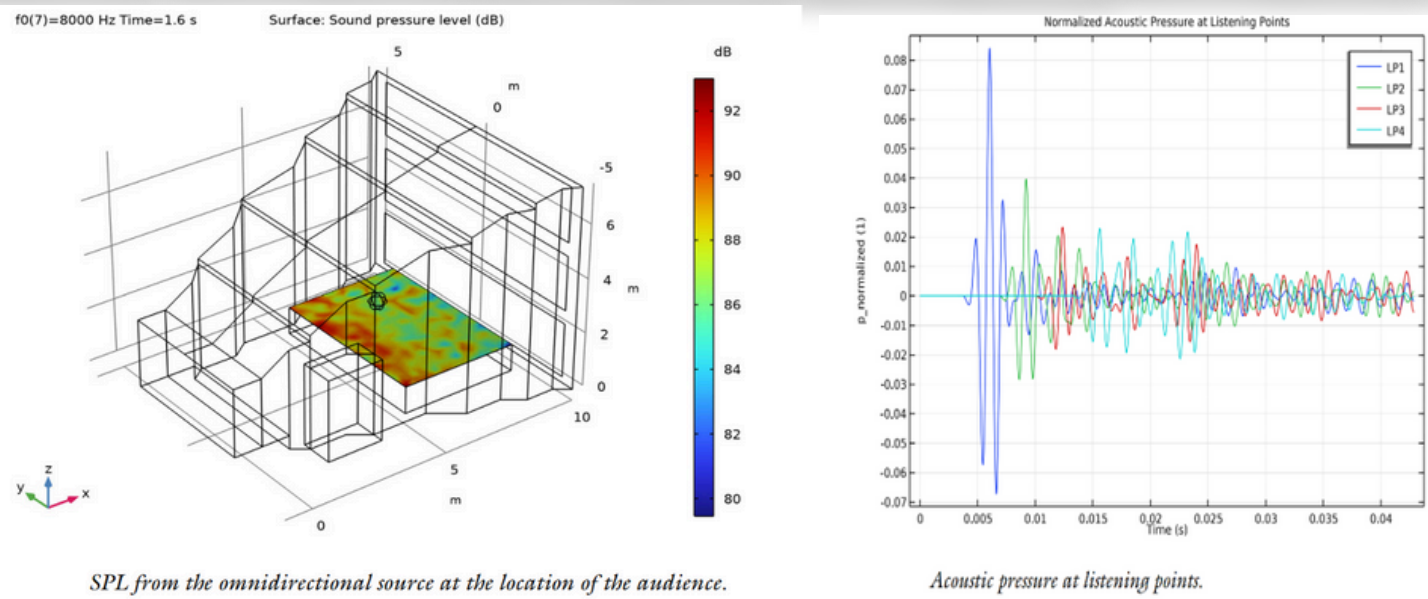
RT60 Testing is the industry-standard method for evaluating how long sound persists in a space after the source stops measuring the reverberation decay time by 60 decibels. At Ecotone Acoustic Limited, we offer professional RT60 Testing using Brüel & Kjær Class 1 precision instruments, delivering accurate, data-backed assessments of acoustic conditions in real-world environments.

This service is crucial for diagnosing and optimising acoustic quality in spaces where clarity, comfort, and intelligibility are critical such as auditoriums, studios, classrooms, and boardrooms. Our acoustic experts analyse decay times across various frequencies and provide detailed reports with design or treatment recommendations, ensuring your space meets the required standards.

Our Services & Expertise

Service Type: Acoustic Performance Testing
Category: On-Site Acoustic Measurement

1. RT60 measurement across standardized octave bands (125 Hz – 4,000 Hz)
2. Listening point sound pressure level (SPL) estimation to identify zones of echo, dead spots, or sound buildup
3. Acoustic impedance estimation for floor treatments and soft furnishings such as carpets and chairs
4. Furniture alignment suggestions to optimize absorption, reflection, and diffusion
5. 3D simulation & auralization for accurate prediction of post-treatment outcomes
6. Experimental verification using both field data and modeled outputs for validation

We ensure the perfect alignment between measured data and predictive simulation enabling targeted design recommendations that save cost, time, and deliver high-performance acoustic environments.

PARAMETER	SPECIFICATIONS
Instrument Used	Brüel & Kjær Class 1 Sound Level Meter (ISO 3382 Compliant)
Measurement Range	125 Hz to 4,000 Hz (octave bands)
Test Method	Interrupted Noise Method / Impulse Response
Decay Time Measured	RT60 (Time for sound to decay by 60 dB)
Standard Compliance	ISO 3382, ASTM E2235, NBC Acoustic Guidelines
Reporting	Frequency-wise RT60 chart, Reverberation Analysis, Acoustic Recommendations
Test Duration	Typically 1–2 hours per space, depending on size and conditions
Application	Auditoriums, Lecture Halls, Classrooms, Offices, Studios, Worship Halls

f0(18)=5000 Hz Time=0.03 s   Ray trajectories
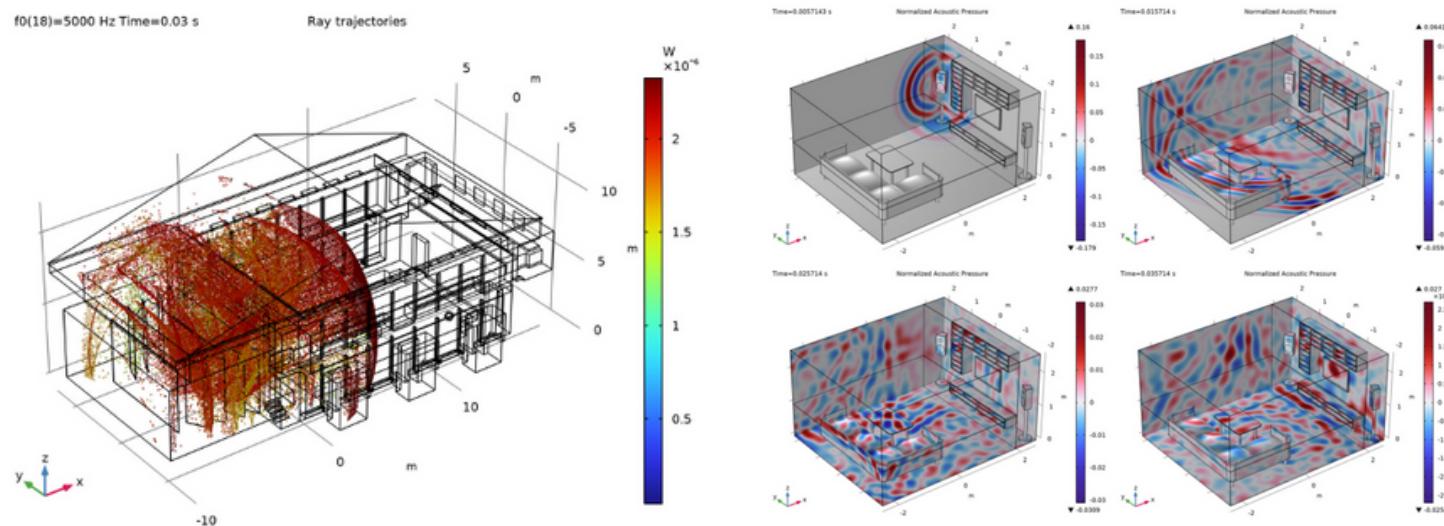
Ecotone Acoustic Limited offers advanced Building Acoustics Simulation services to accurately predict and optimize the acoustic performance of spaces before they're built or renovated. Using state-of-the-art 3D modeling software and physics-based algorithms, we simulate how sound behaves in enclosed environments evaluating parameters such as RT60, Speech Intelligibility (STI), Sound Pressure Levels, and Flutter Echoes.

This service helps architects, consultants, and project managers make informed decisions about material selection, interior layouts, and acoustic treatments to meet desired performance standards. Ideal for auditoriums, schools, hotels, offices, and any space where acoustic quality is critical.

Area of Applications

Service Type: Acoustic Simulation & Analysis
Category: Pre-Construction / Retrofit Acoustic Planning

1. **Auditoriums & Theatres:** For optimized reverberation, speech clarity, and immersive sound experience.
2. **Lecture Halls & Classrooms:** To enhance speech intelligibility, reduce echo, and improve student focus.
3. **Corporate Offices & Boardrooms:** For better speech privacy, noise control, and clear communication.
4. **Recording Studios & Control Rooms:** For precise sound behavior, minimal reflections, and true audio monitoring.
5. **Places of Worship:** To ensure clear sermons and balanced sound distribution.
6. **Hospitals & Healthcare Facilities:** To minimize noise disturbance and support patient recovery.
7. **Hotels & Hospitality Spaces:** For guest comfort, privacy, and premium ambience.
8. **Public Spaces & Airports:** For intelligible announcements and controlled ambient noise.
9. **Libraries & Museums:** To maintain quiet environments with minimal echo.
10. **Residential & High-Rise Buildings:** To reduce noise transmission between rooms and improve living comfort.

PARAMETER	SPECIFICATIONS
Software Used	EASE®, ODEON®, CATT-Acoustic, or equivalent
Modeling Type	2D/3D Ray Tracing, Image Source Modeling, BEM/FEM (based on project needs)
Simulation Outputs	RT60 Maps, STI Maps, Sound Pressure Distribution, Reverberation Curves
Frequency Range	125 Hz – 4,000 Hz (Octave Bands)
Standards Followed	ISO 3382, ISO 14257, ASTM E2235, NBC Acoustic Guidelines
Input Requirements	Architectural drawings (DWG/PDF), material specs, intended use of space
Applications	Auditoriums, Theatres, Classrooms, Offices, Worship Halls, Studios
Deliverables	Simulation Report, Visual Maps, Design Recommendations, Compliance Summary
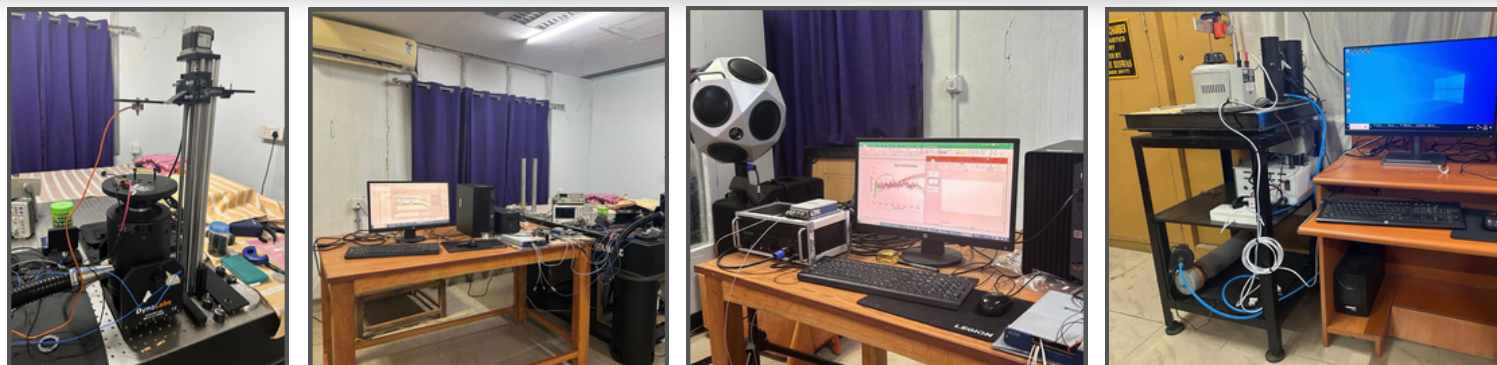
Ecotone Acoustic Limited offers precise acoustic characterization of materials to evaluate their real-world sound performance before integration into architectural or industrial applications. This service includes measurement of acoustic impedance, absorption coefficient, and transmission loss, following internationally recognized ASTM and ISO standards.

By analyzing how materials interact with airborne sound across a range of frequencies, we help manufacturers, designers, and consultants select or validate acoustic products with confidence. These tests are crucial for developing high-performance walls, ceilings, doors, panels, enclosures, and flooring systems.

Area of Applications

Service Type: Laboratory Testing & Acoustic Property Evaluation
Category: Material Acoustics Testing

1. **Architectural Acoustics:** Evaluation of wall panels, ceiling tiles, partitions, and interior finishes for NRC, STC, and absorption performance.
2. **Industrial Noise Control:** Validation of materials used in enclosures, silencers, duct liners, and heavy machinery insulation.
3. **Product Development & R&D:** Acoustic testing of new materials and prototypes for manufacturers and OEMs.
4. **Building Material Certification:** Compliance testing for acoustic doors, windows, and glazing systems as per ASTM/ISO norms.
5. **Transportation & Automotive:** Testing of sound-absorbing and damping materials for vehicles, trains, and aerospace components.
6. **Appliances & Consumer Electronics:** Noise control materials used in HVAC systems, white goods, and electronic enclosures.
7. **Studio & Broadcast Environments:** Acoustic treatment material selection and performance benchmarking.
8. **Hospitals & Educational Institutions:** Ensuring safe, low-reverberation materials for sensitive environments.
9. **Public Infrastructure Projects:** Acoustic validation of materials used in metro stations, airports, malls, and convention centers.

PARAMETER	SPECIFICATIONS
Acoustic Impedance Measurement	Evaluates surface resistance to incident sound waves
Transmission Loss (TL)	Measured as per ASTM E90 and ISO 717-1 standards
Sound Absorption Coefficient (α)	Measured using Impedance Tube Method (ASTM E1050 / ISO 10534-2)
Frequency Range	100 Hz to 4,000 Hz (standard), extended on request
Material Types Tested	Fabrics, foams, wood, composites, metal panels, glass, gypsum, etc.
Test Methodologies	Two-microphone impedance tube, reverberation chamber (for NRC), TL suite
Deliverables	Detailed test report with graphs, tabulated values, standard references

Ecotone Acoustic Limited offers professional Damping and Transmissibility Measurement services to assess how materials and mechanical systems respond to dynamic loads and vibrations. These tests are essential for evaluating the vibration absorption capability of materials and their efficiency in isolating mechanical energy, especially in acoustic enclosures, industrial machines, and building structures.

By measuring damping ratios, resonance frequencies, and transmissibility factors, we help clients design systems that reduce vibration transfer, prevent noise generation, and improve structural integrity.
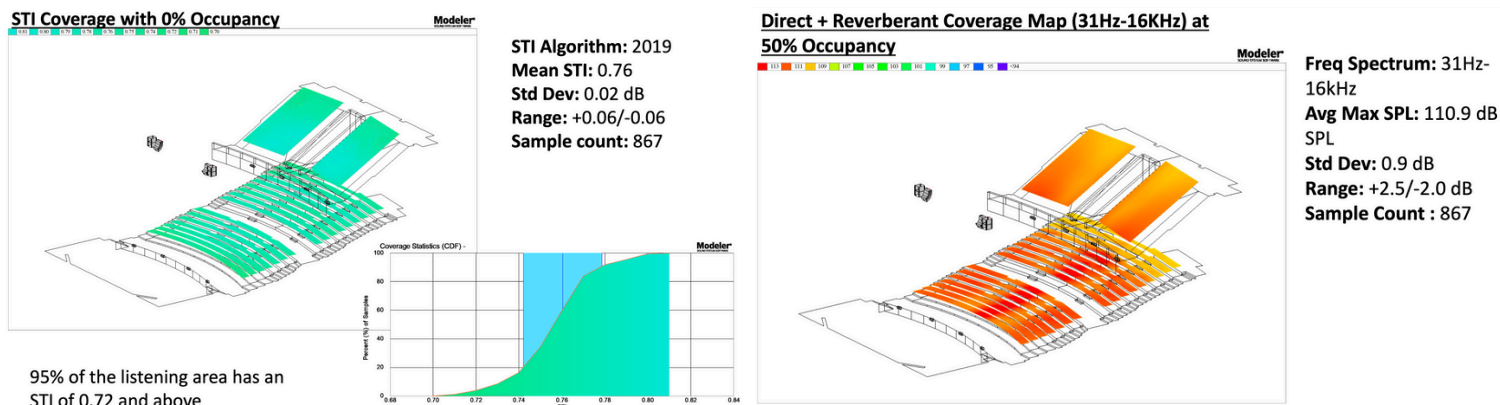
Area of Applications

Service Type: Vibration & Structural Acoustic Testing
Category: Dynamic Material & System Characterization

Damping and transmissibility testing plays a critical role in evaluating vibration control and structural response in a wide range of sectors. Packsound's specialized services support acoustic performance, structural integrity, and mechanical efficiency across diverse applications.

1. **Acoustic Enclosures:** Assessing damping materials and mount performance to minimize noise and structural vibration in machinery enclosures.
2. **Industrial Machinery & Equipment:** Testing vibration isolators, mounts, and pads to improve machine stability, reduce noise, and extend equipment life.
3. **Building & Structural Acoustics:** Evaluating floating floors, walls, and resilient mounting systems to prevent structure-borne sound transmission.
4. **HVAC Systems:** Testing damping treatments and mounting designs in fans, ducts, and compressors to reduce operational noise and vibration.
5. **Transportation & Automotive Systems:** Measuring damping in vehicle panels, engine mounts, and cabin components for passenger comfort and noise reduction.
6. **Railway & Metro Infrastructure:** Studying vibration isolation for rails, slabs, and rolling stock to improve ride quality and minimize ground-borne vibration.
7. **Aerospace & Defense Components:** Characterizing damping properties of lightweight panels and isolation systems used in aircraft and defense assemblies.
8. **Consumer Electronics & Appliances:** Vibration and transmissibility analysis of internal components for noise-free performance in devices and appliances.
9. **Laboratory and Precision Equipment Isolation:** Ensuring minimal vibration transfer in environments with sensitive instrumentation.

PARAMETER	SPECIFICATIONS
Damping Measurement	Logarithmic decrement or frequency response analysis
Transmissibility Ratio	Output/Input amplitude across frequency sweep
Test Method	Sine sweep excitation or impulse hammer test
Instrumentation	Accelerometers, Impact Hammers, Data Acquisition System, FFT Analyzers
Measured Values	Natural frequency, Damping factor (ζ), Resonance peak, Isolation frequency
Material/Structure Types	Rubber mounts, metal frames, acoustic panels, machine bases, floating floors
Frequency Range	5 Hz to 2,000 Hz (extendable upon request)
Standards Followed	ASTM E756, ISO 7626, ISO 10846
Output	Frequency Response Function (FRF), Damping Curves, Transmissibility Graphs
Deliverables	Detailed technical report with recommendations for vibration control

STI Coverage with 0% Occupancy

STI Algorithm: 2019
Mean STI: 0.76
Std Dev: 0.02 dB
Range: +0.06/-0.06
Sample count: 867

95% of the listening area has an STI of 0.72 and above

Direct + Reverberant Coverage Map (31Hz-16KHz) at 50% Occupancy

Freq Spectrum: 31Hz-16kHz
Avg Max SPL: 110.9 dB SPL
Std Dev: 0.9 dB
Range: +2.5/-2.0 dB
Sample Count : 867

Ecotone Acoustic Limited provides STI (Speech Transmission Index) Testing to evaluate the clarity and intelligibility of speech in various indoor environments. This test quantifies how well speech is transmitted and understood by listeners in a given space—essential for classrooms, auditoriums, boardrooms, and public address systems.

Using Brüel & Kjær Class 1 STI analyzers or equivalent precision instruments, we perform accurate measurements that factor in background noise, reverberation, echo, and signal distortion. Our testing supports compliance with IEC 60268-16, NBC India, and other international speech intelligibility standards.

Area of Applications

Service Type: Speech Intelligibility Assessment
Category: Acoustic Performance Testing for Speech Clarity

1. **Classrooms & Lecture Halls:** To ensure clear communication between teachers and students in learning environments.
2. **Auditoriums & Theatres:** To enhance speech clarity during presentations, performances, and conferences.
3. **Places of Worship:** To ensure sermons and prayers are clearly audible across large congregational areas.
4. **Transportation Hubs (Airports, Railway & Metro Stations):** To test and optimize public address (PA) system clarity for announcements.
5. **Healthcare Facilities:** For nurse call systems and emergency communication clarity in hospitals and clinics.
6. **Shopping Malls & Commercial Buildings:** To assess intelligibility of safety announcements and background audio systems.
7. **Stadiums & Arenas:** To validate performance of PA and emergency broadcast systems in large open spaces.
8. **Museums, Exhibits & Guided Tour Spaces:** To ensure speech clarity in areas with automated or live narration systems.

PARAMETER	SPECIFICATIONS
Measurement Standard	IEC 60268-16 (STI and STIPA methods)
Instrument Used	Brüel & Kjær / NTI / Norsonic STI-certified analyzers
Test Signals	Male voice simulation, Pink noise, or Modulated noise
Frequency Bands Tested	Octave bands (125 Hz to 8 kHz)
STI Scale	0.00 (Unintelligible) to 1.00 (Excellent)
Additional Metrics	RASTI, STIPA, Signal-to-Noise Ratio (SNR), Modulation Loss
Test Duration	30–60 minutes per room, depending on size and complexity
Reporting Format	Graphical STI Score Map, Frequency Breakdown, Improvement Recommendations
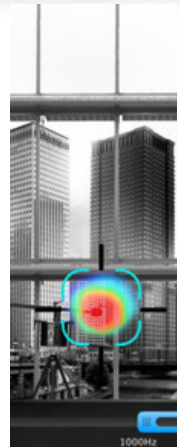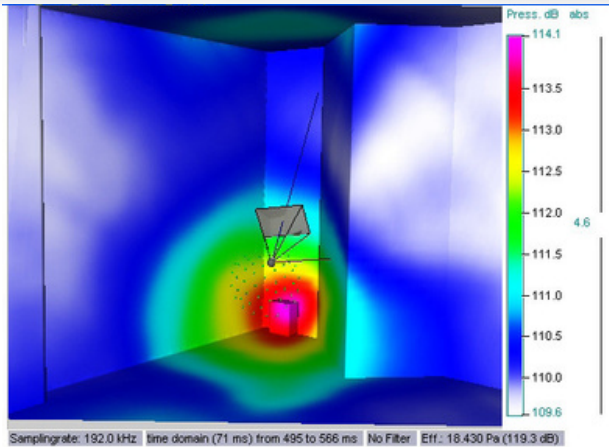
At Packsound, we offer state-of-the-art Acoustic Camera Mapping Services to detect, visualize, and analyse sound sources in real-time using advanced beam forming and microphone array technology.

Our portable, high-resolution acoustic imaging system overlays a color-coded sound intensity map onto real world visuals helping clients locate noise hotspots, identify leaks, and optimize acoustic performance in environments ranging from factories and testing labs to auditoriums and construction sites.

Parameter	Specifications
Microphone Array	24 to 128 MEMS or condenser microphones (circular, spiral, or customized array configuration)
Frequency Range	30 Hz – 20,000 Hz (broadband)
Dynamic Range	> 60 dB
Sound Pressure Level	Detectable from 30 dB(A) to 130 dB(A) depending on environment
Spatial Resolution	1–10 cm at 1 meter distance (varies with array size and algorithm)
Image Overlay	Real-time heatmap (dB scale) over high-res camera feed
Mapping Output	dB(A), 1/3 Octave, FFT, Spectrogram, Tonal Detection
Frame Rate (Visual)	Up to 25–30 fps with live acoustic overlay
Detection Range	0.5 m to 50 m (optimized for short to mid-range precision diagnostics)
Beamforming Algorithms	Time Delay, Adaptive Beamforming, CLEAN-SC, MUSIC (based on software used)
Operating Environment	Indoor / Outdoor (weather-resistant options available)
Power Supply	Battery or AC-powered; portable system with 2–6 hour operational time
Data Export	Heatmap video, stills, .wav audio logs, .csv spectral data
Mounting Options	Tripod, hand-held, wall-mounted, drone-compatible (optional)
Software Features	Live view, frequency filtering, source isolation, automatic peak finder
Compliance Standards	ISO 3382 (room acoustics), ISO 3745 / 3744 (sound source level), EN 61672, IEC 60268-16

Our Top Prestigious Projects in India

The Assam Rifles Auditorium | Shillong, Meghalaya

Inaugurated by Lt. Gen. P.C. Nair, Director General of Assam Rifles

The Nalanda University Auditorium | Pilkhi, Bihar

Inaugurated by the Hon'ble Vice President of India, Shri M. Venkaiah Naidu

The Delhi Police Headquarter Auditorium | Delhi

Inaugurated by the Hon'ble Union Minister for Home Affairs, Shri Amit Shah

Mahatma Gandhi Auditorium | Motihari, Bihar

Inaugurated by the Hon'ble Chief minister of Bihar, Shri Nitish Kumar

The Auditorium Hall | Bettiah, Bihar

Inaugurated by the Hon'ble Chief minister of Bihar, Shri Nitish Kumar

The AIIMS Guwahati Auditorium | Guwahati, Assam

Inaugurated by the Hon'ble Prime minister of India, Shri Narendra Modi
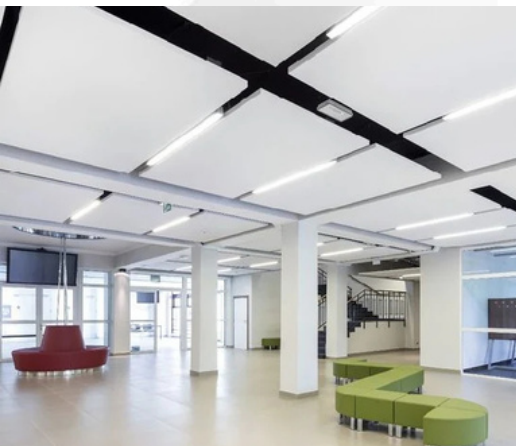
The AIIMS Bathinda Auditorium | Bathinda, Punjab

Inaugurated by the Hon'ble Prime minister of India, Shri Narendra Modi

The Tribal Museum | Naya Raipur, Chhattisgarh

Inaugurated by the Hon'ble Chief Minister of Chhattisgarh, Shri Vishnu Deo Sai

The Noida International Airport | Jewar, Uttar Pradesh

Inaugurated by the Hon'ble Prime minister of India, Shri Narendra Modi

The Park Hyatt Goa Resort and Spa | South Goa
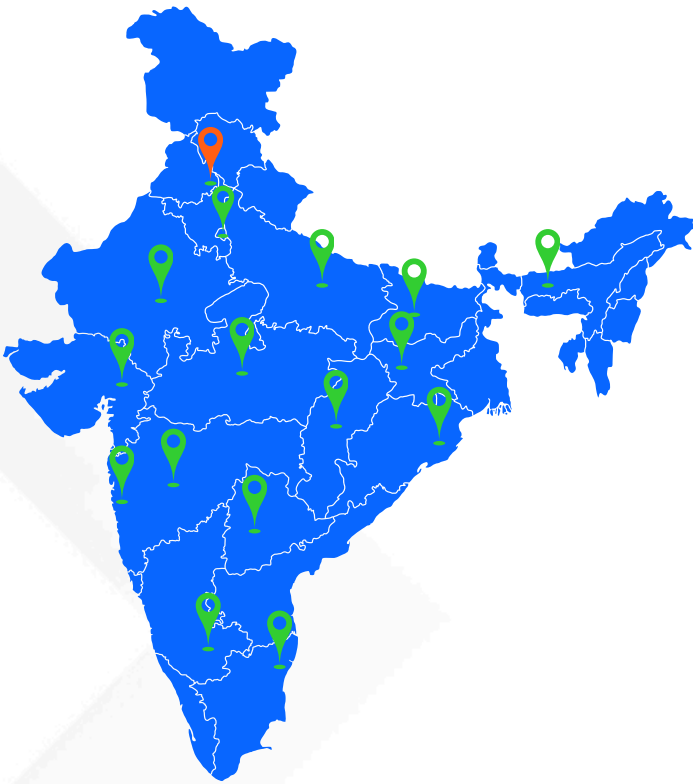Sliding and folding acoustic partition with 7 meter height

Hyatt Regency Bhikaji Cama Place | Delhi
Sliding and folding acoustic partition with 7 meter height

Surya Banquet | Basti, Uttar Pradesh
Sliding and folding acoustic partition with 5 meter height

PackSound®
Beginning of a Peaceful Tomorrow

We take pride in our expansive presence across India and around the globe, enabling us to deliver consistent, localised, and timely solutions to clients from diverse industries. Whether it's project execution, service delivery, or technical support, our network ensures we're always within reach.

North: Chandigarh, Delhi, Lucknow, Jaipur

East: Patna, Ranchi, Bhubaneswar, Kolkata

North-East: Guwahati

Central: Raipur, Bhopal

West: Mumbai, Pune, Ahmedabad

South: Hyderabad, Bangalore, Chennai

Our presence spans across Asia, Europe, North America, the Middle East, and Africa, serving a wide spectrum of industries: from infrastructure and manufacturing to research labs, broadcast facilities, and hospitality spaces.

Whether you're located in Tokyo's high-tech innovation zones, Qatar's industrial corridors, London's architectural hubs, or Johannesburg's growing urban centers, our clients receive the same commitment to quality, compliance, and technical support.
We operate through two proven delivery models:

Direct Supply: From our Indian manufacturing plants and R&D centers, we export advanced acoustic products such as enclosures, chambers, sound barriers, and absorptive systems fully compliant with international standards.

Associate-Led Fulfilment: In regions where local integration or on-site support is essential, we work through a trusted network of international associates and partners. These partners are carefully trained and aligned with our engineering ethos, ensuring consistent delivery, installation, and support across borders.
Our logistics and coordination teams ensure efficient documentation, global certifications, and safe delivery, whether it's a single shipment or a turnkey acoustic project spanning continents.

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Moscow
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OUR PROMISE

MORE THAN PRODUCTS
A LEGACY YOU CAN RELY ON

PackSound®
Beginning of a Peaceful Tomorrow

At Packsound, we don't just deliver acoustic products — we deliver trust, reliability, and a legacy built over 25+ years of unwavering commitment to excellence. As pioneers in the field of acoustics and noise control solutions, we have consistently set industry benchmarks in product innovation, engineering precision, and customer satisfaction.

Quality is our foundation. Every material used, every panel manufactured, and every installation executed undergoes strict quality control measures and complies with national and international standards. We invest in the latest technologies, world-class R&D, and rigorous testing to ensure our products consistently deliver high NRC ratings, fire resistance, and long-term durability in even the most demanding environments.

Reliability is our reputation. With a presence across India and a portfolio that includes high-stakes projects for government bodies, PSUs, and Fortune 500 companies, you can count on us to deliver on time, every time — without compromise.

Integrity drives our relationships. From transparent pricing and honest advice to ethical business practices and a consultative approach, we work as your acoustic partner, not just a supplier.

After-sales service is our continued commitment. Our responsibility doesn't end with delivery or installation. We provide full lifecycle support through dedicated customer service teams, periodic maintenance plans, and technical guidance to ensure your systems perform optimally for years to come.

With Packsound, you're not just investing in a product you're choosing a partner that is dependable, responsive, and deeply invested in your success. That's our promise and we keep it with pride.

Customer Support & Helpline

At Packsound, your satisfaction is our top priority. Whether you need technical assistance, product information, service support, or help with an ongoing project, our dedicated customer care team is just a call away. Reach out to us on our helpline number and experience prompt, reliable, and solution-driven support from our trained experts. We are here to assist you Monday to Saturday, 9:00 AM to 7:00 PM, ensuring a seamless experience at every step of your journey with us.

Customer Support & Helpline

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+91 980 980 2016 | 9990 858 797

Abhinav@Packsound.in | Sales@Packsound.in

A-717 NX One Tower T3, Tech Zone IV,
Gr Noida 201306 Uttar Pradesh, India

Customer Care: +91 9990 858 787

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Excellence