

# ACOUSTIC

## Ceilings & Lights

COFUR®

Change the way you work.

# At **COFUR**, your vision is our moto

*We don't follow trends, we set them*

01

## What We Make

Our collection spans acoustic privacy pods, acoustic ceiling systems and bespoke modular & collaborative seating solutions. Designed to solve real problems: focus in open offices, Ease of collaboration, Acoustic comfort & Flexibility as teams grow. Our every product is built with precision and architectural details because your space matters.

02

## Our Philosophy

Everything is designed and developed in India. We combine thoughtful aesthetics with practical affordability, no import taxes, no middlemen, just skilled craftsmanship embedded in how you actually work. Quality is non-negotiable.

03

## Our Philosophy

Modern design shouldn't be a luxury. Acoustic comfort shouldn't be rare. Collaborative spaces shouldn't feel corporate. We believe in designing for reality: spaces that are beautiful, functional, and affordable. Furniture that lasts. Spaces that feel like places people want to be.

# Acoustic Ceilings & Lights

*Sound designed. Light considered. Space transformed.*

Noise is one of the most disruptive forces in a modern workplace and one of the least addressed. Most ceilings are an afterthought. At **COFUR** we approached the ceiling plane differently.

Our entire range was built on a single premise: the overhead environment shapes how a space feels just as much as what sits on the floor. When sound is managed well and light is placed with intention, people focus better and experience less fatigue.

Every product is designed to effectively perform acoustically and contribute to the visual character to elevate spaces.

*"Ceilings are the most overlooked surfaces in commercial design. We treat it as the starting point."*

## Design Principles We Follow

- **Acoustic First**

Every ceiling element is engineered for noise reduction from the outset, not treated as an afterthought. NRC ratings, panel density, and suspension geometry are specified before aesthetics.

- **Integrated Lighting**

Our acoustic fixtures carry integrated lighting so specifiers don't have to choose between sound performance and illumination quality. One element. Two functions. Cleaner ceiling planes.

- **Zone-based thinking**

Focus zones, collaboration areas, and circulation corridors have different acoustic needs. Our range is designed to be mix and match across a floor plate, not applied uniformly.

- **Visual calm**

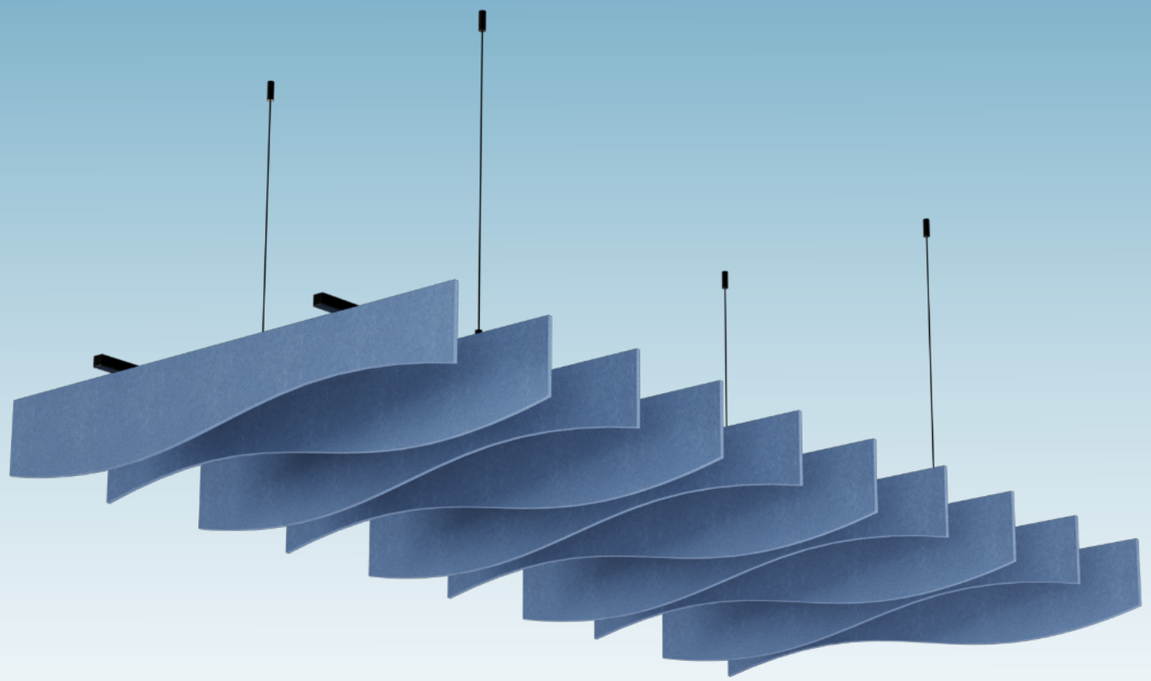
Acoustic solutions should reduce distraction, not become it. Our panels and baffles are designed to recede visually — allowing the space, the furniture, and the people to remain the focal point.

- **Specification-ready**

Each product ships with full acoustic data, fixing details, and ceiling grid compatibility notes. Designed so architects and interior designers can specify with confidence, not guesswork.

- **Built for commercial use**

High-traffic environments demand durability. Our ceiling range is rated for commercial interiors, resistant to humidity, impact, and the long-term demands of real workplace use.



# WAVE

"Fluid motion, suspended stillness"

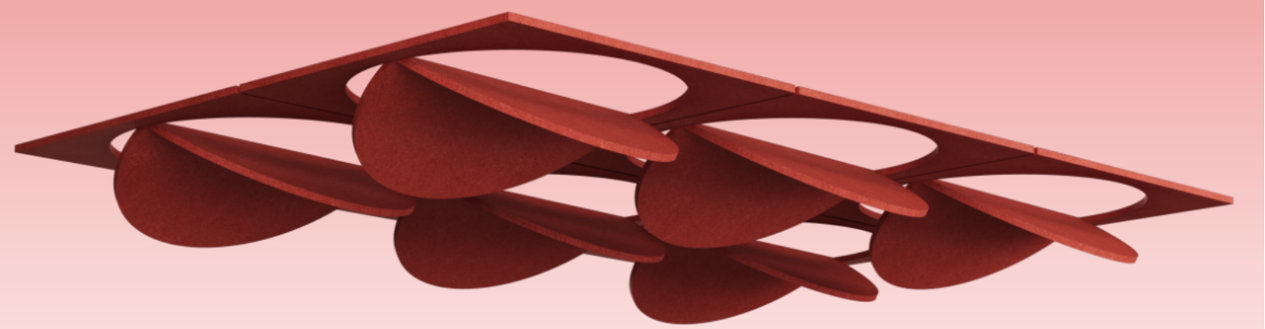
Undulating acoustic baffles paralally hung from aluminium rails, merge fluently, create a flowing visual feel across open scpaces. These panels seamlessly form a continuous wavy textured surface. The Wave delivers efficient acoustic absorption, making it ideal for large-scale environments that require comprehensive sound control alongside a striking aesthetic.

ACC-01

1200 · 200 mm







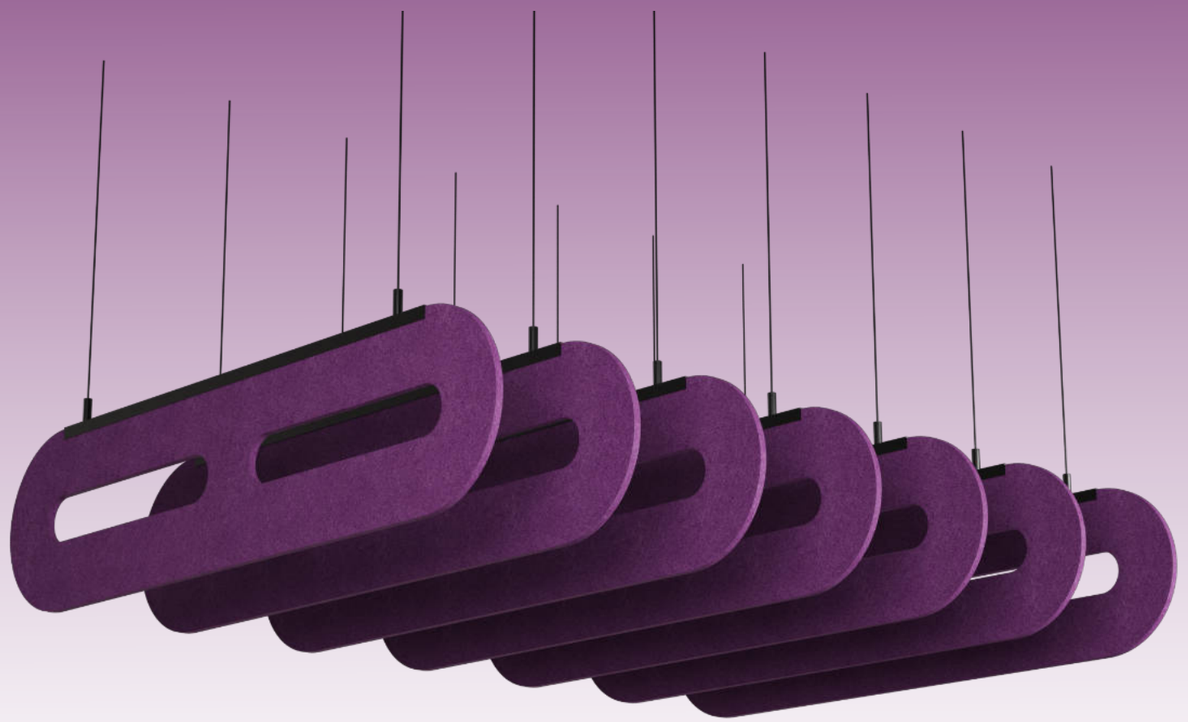
# PETAL

"Organic structure, refined quiet"

A ceiling-mounted acoustic panel system inspired by organic forms. Its dynamic sculptural feature that shifts visually from every angle, delivers both striking depth and excellent sound absorption. It is specifically designed for spaces with 2x2 false ceiling panels. Petal beautifully elevates executive boardrooms, high-end hospitality venues, and reception areas.

**ACC-02**

600 · 600 mm



# BLADE

"Linear precision, stacked silence"

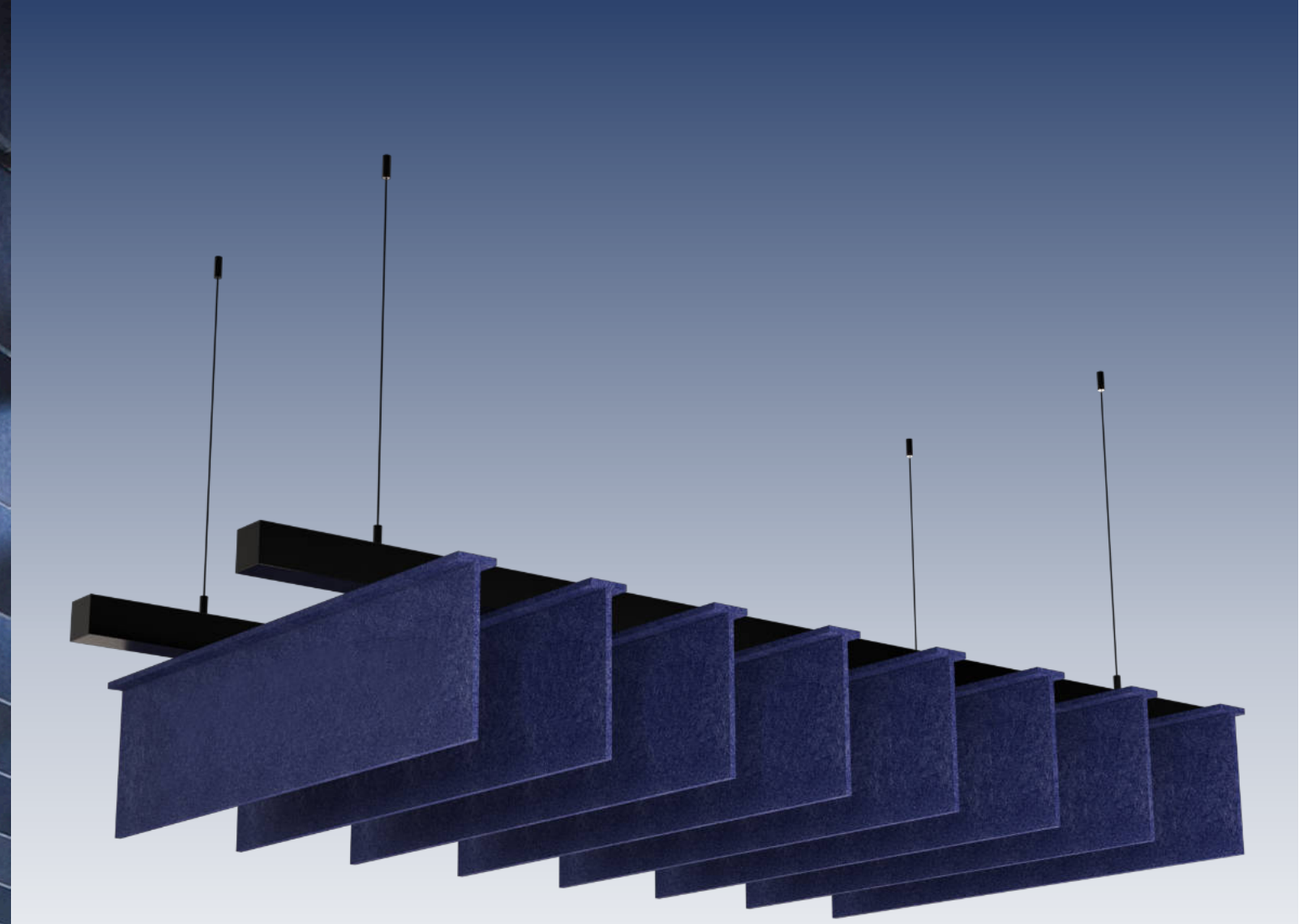
A ceiling suspended system featuring stacked, oval-form acoustic baffles. Its round profile establishes a bold directional rhythm across the ceiling plane. Clustering multiple units allows designers to easily define zones within open-plan environments. Its layered design maximizes surface area for superior sound absorption and makes a strong visual statement.

ACC-03

1200 · 300 mm







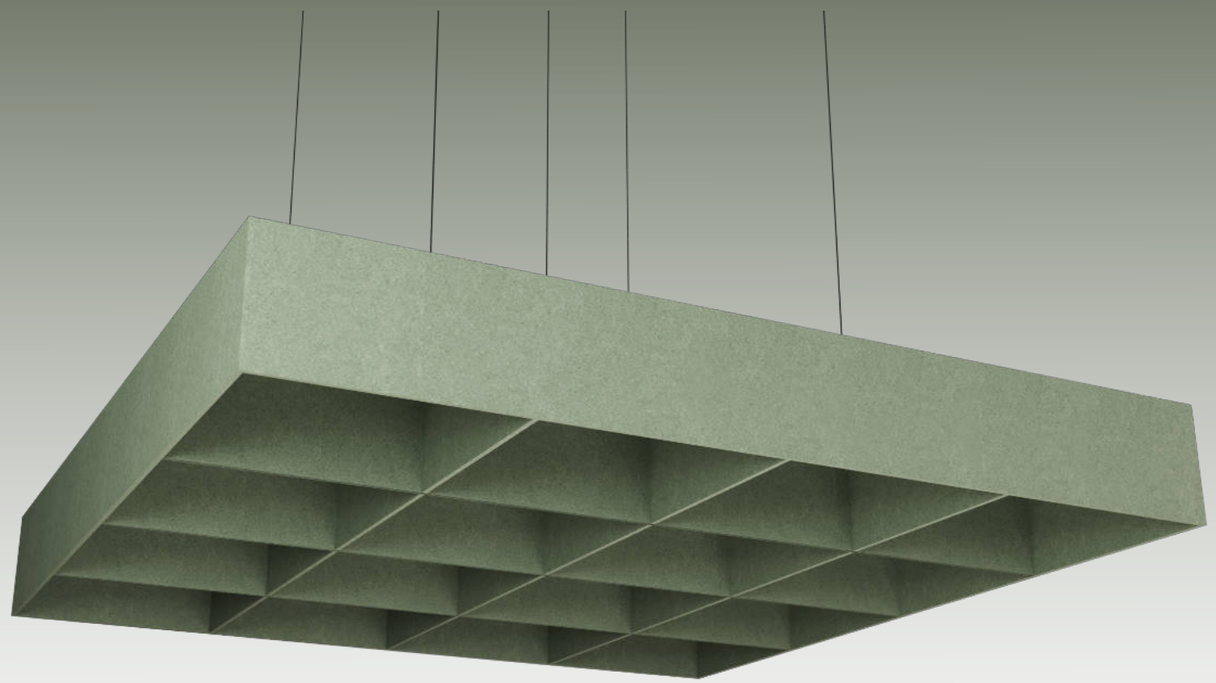
# PLANKS

"Layered form, directional calm"

A horizontal baffle system featuring acoustic broad panels. This distinct layered arrangement & fin-like visual profile naturally traps air pockets between the acoustic surfaces. With highly effective acoustic absorption rating, its linear design makes it exceptionally well-suited for elongated commercial spaces like corridors, meeting rooms, and open offices.

ACC-04

1200 · 300 mm



# GRID

"Structured depth, measured silence"

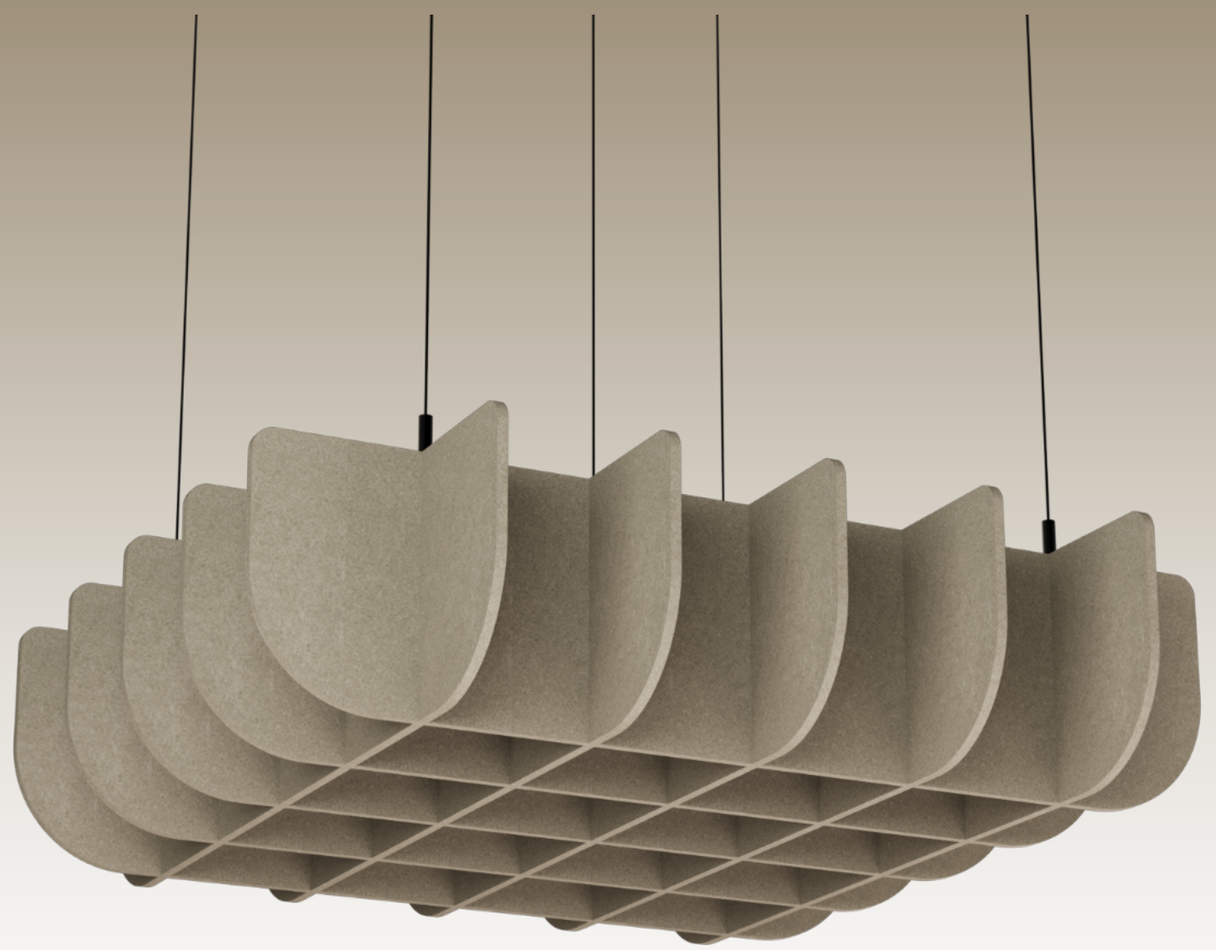
An acoustic grid structure, suspended uniformly from the ceiling. Its internally devided volume, increasing the sound absorbing surface area. This intricate architecture holds a visual impression. As the collection's best-performing product, its cell-within-cell design delivers outstanding absorption. Ultimate choice for environments demanding maximum noise reduction, like conference rooms, boardrooms, call centers, etc.

ACC-05

1150 · 1150 · 65 mm





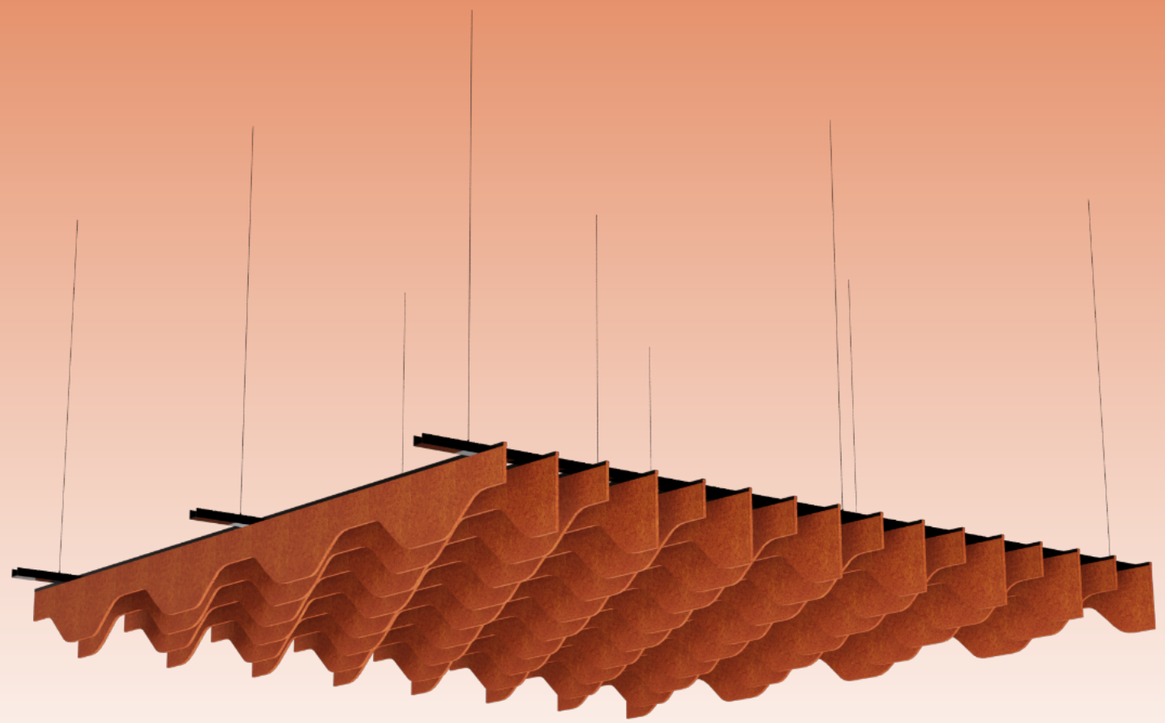
# WAFFLE

"Architectural order, deep absorption"

A ceiling-mounted system made of interlocking curved acoustic fins arranged in a grid. This three-dimensional, waffle-like structure delivers significant acoustic mass, diffusing the lateral sound reflections common in open offices and large meeting spaces. When lit from above, the deep shadows transform it into a striking architectural installation.

ACC-06

2400 · 2400 · 300 mm



# HIVE

"Honeycomb geometry, layered quiet"

A unique acoustic ceiling system, utilizing hexagonal boards in a layered, cascading formation, creating a visually striking, 3D bee hive like volume across multiple depth planes. Designed perfectly for large lobbies, atriums, and feature ceilings. Its varied dimensional depth disrupts reflected sound waves for complex acoustic control. Crafted for monumental spaces where the ceiling itself is remarkable.

**ACC-07**

2400 · 300 mm





# ECHO RING

"Silence is the new luxury"

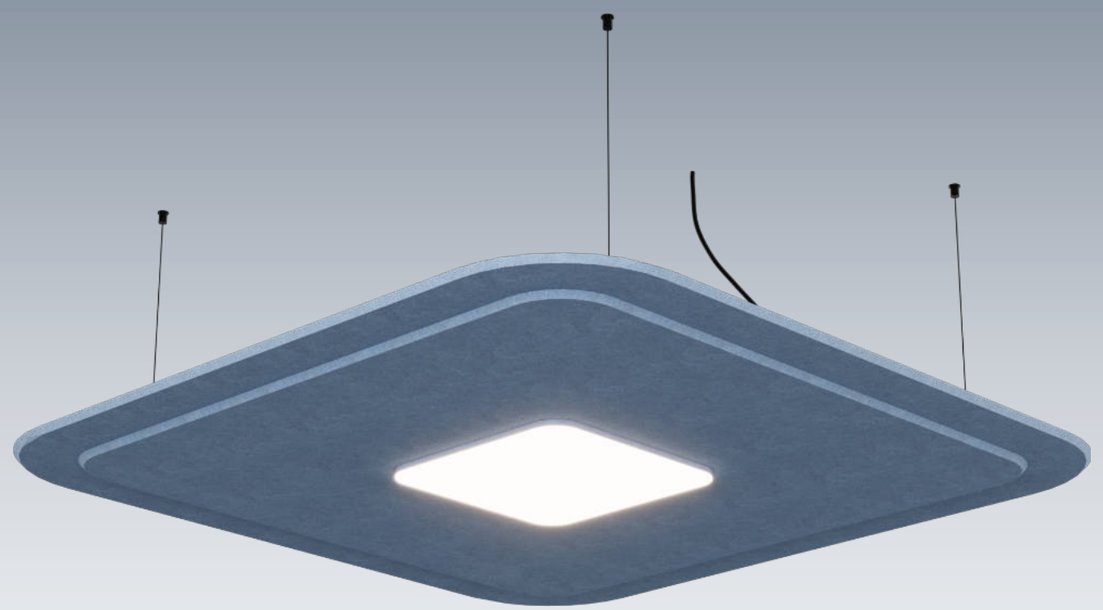
A premium circular ring form that combines striking visual design with high performance acoustic properties. The continuous layered fin structure wraps into a torus form, softening sound while delivering a refined, diffused glow perfect for elevated environments.

**ACL-01**

Ø1200 · 220 mm







# FLOAT

"Bright space, softer acoustic"

A flat, geometric acoustic panel luminaire suspended from the ceiling with integrated LED lighting at its core. Engineered to deliver uniform, glare-free illumination while simultaneously reducing reverberation across large open spaces.

**ACL-02**

1150 · 1150 · 65 mm



# PENDANT

"Make space feel right"

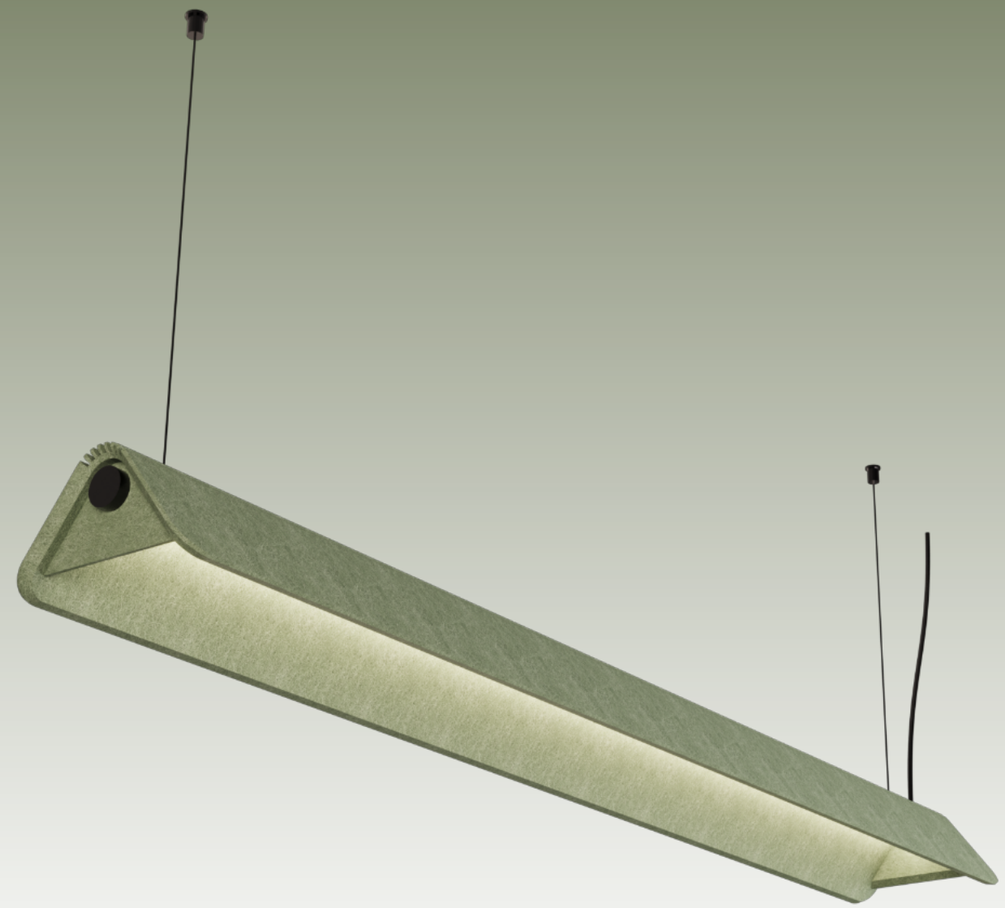
A sculptural pendant luminaire featuring a layered slat construction that provides both ambient illumination and acoustic absorption. Its organic dome form makes it an architectural focal point while improving the acoustic quality of the surrounding environment.

**ACL-03**

Ø680 · 620 mm







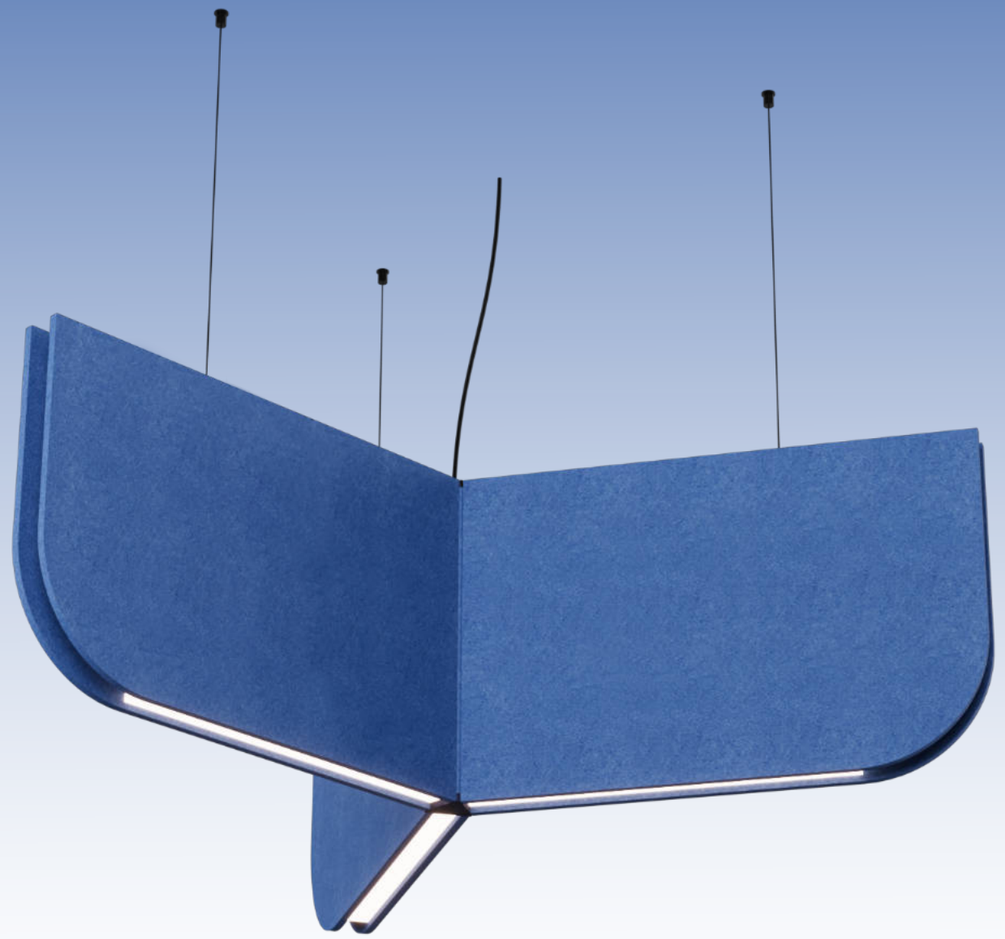
# QUITE BEAM

"Task light, redefined"

A linear luminaire wrapped in acoustic material, purpose-built for task-oriented environments. Clean and directional, it delivers focused light precisely for workstations, while absorbing ambient noise along its full length.

**ACL-04**

1175 · 165 · 90 mm



# AXIS

"Modern light for focused work"

A sophisticated Y-form acoustic module integrating slim LED light elements along structural edges. The folded panel design acts as a personal acoustic baffle, reducing distractions and enhancing concentration in focused work settings.

**ACL-05**

1085 · 390 · 40 mm







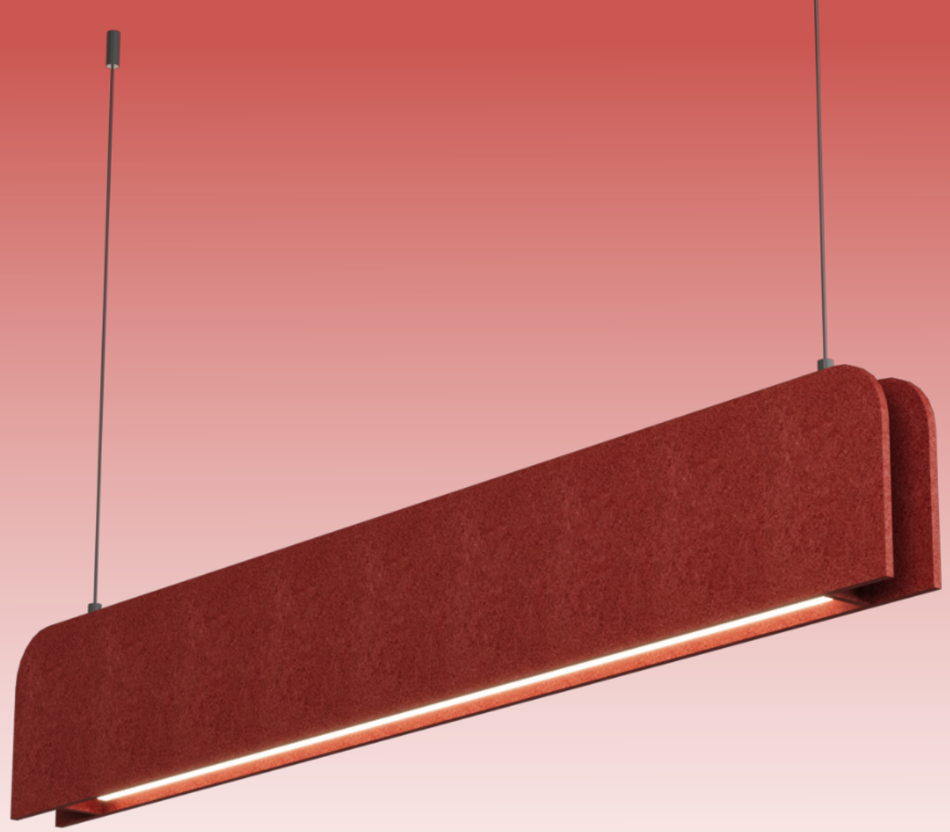
# NEXUS

"Structured light for shared spaces"

A bold cross-form acoustic pendant featuring intersecting panel planes with integrated linear LED illumination beneath. Designed to anchor shared zones both visually and acoustically, it distributes light evenly across collaborative surfaces while managing sound in busy environments.

**ACL-06**

1225 · 390 · 40 mm



# FIN

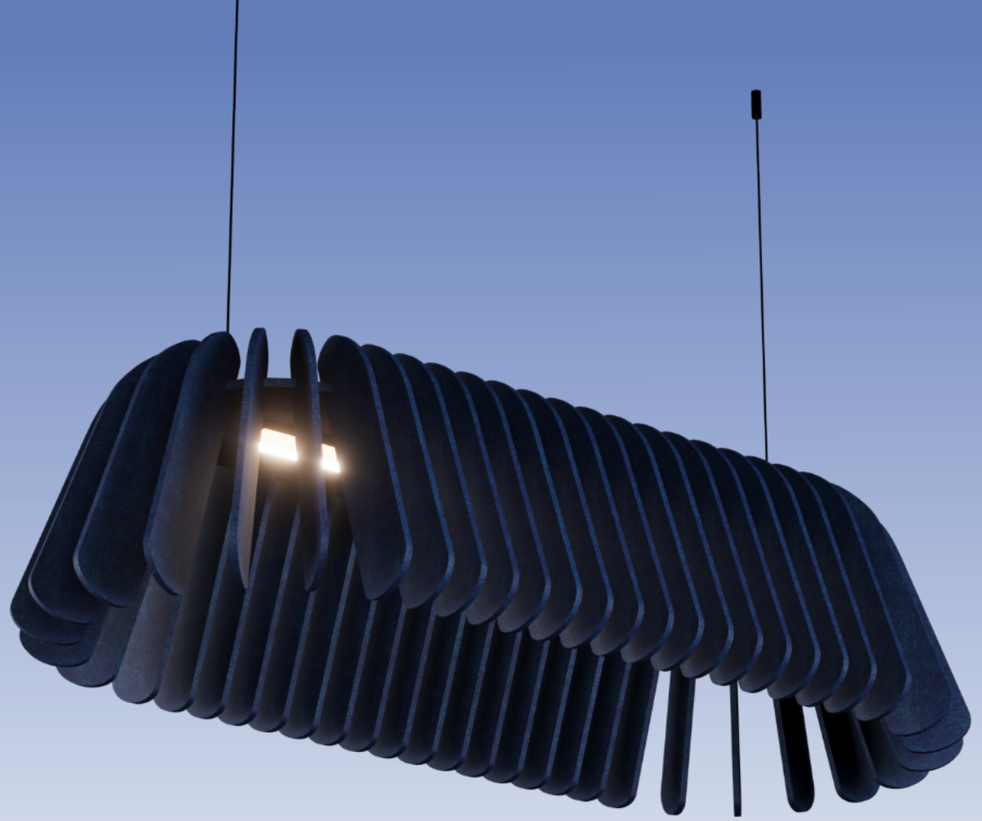
"Silence meets Simplicity"

An acoustic work light with an elegant sleek form, housing a slim LED light concealed seemlessly. Acoustic boards over long work station areas eliminate noise while delivering a soft, focused ambient light. Its minimal sculptural presence makes it gently blend in the work envirorment.

ACL-07

1370 · 210 · 70 mm





# CLOUD

"Designed to be admired"

An impactful, large-format acoustic ceiling luminaire with a densely layered fin structure inspired by natural cloud formations. Broad acoustic coverage over wide areas eliminate noise while delivering a soft, diffused ambient light. Its strong sculptural presence makes it equally suited for statement installations and functional acoustic treatment.

**ACL-07**

1300 · 550 · 415 mm

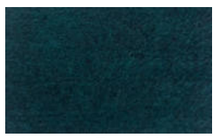


# Choose from a wide range of Colour Options


CA 01 Coco Red


CA 02 Charcoal Grey


CA 03 Purple Haze


CA 04 Emerald Green


CA 05 Midnight Blue


CA 06 Caramel Brown


CA 07 Pebble Grey


CA 08 Steel Blue


CA 09 Green Almond


CA 10 Monday Blues


CA 11 Liquid Gold


CA 12 Electric Grey


CA 13 Ice Grey


CA 14 Lush Green


CA 15 Ocean Blue


CA 16 Peachy Nectar


CA 17 Sand Dune


CA 18 Cold Coffee


CA 19 Summer Yellow


CA 20 Aqua Blue


CA 21 Silent Night


CA 22 Baby Blue


CA 23 Jungle Green


CA 24 Teel Blue


CA 25 Pastel Green


CA 26 Burnt Orange


CA 27 Wine Red


CA 28 Claypot


CA 29 Frost White


CA 30 Filter Coffee

## Can't find the colour you're looking for?

We offer an extensive range of colours beyond what's shown here and can be ordered on request

# Sustainable Acoustic Panels for an Ecologically Sound Planet

- No Chemicals
- No Pollutants
- Formaldehyde Free
- Easy To Clean
- Fire Retardant (Self Extinguishing)
- Low Water Absorbtion & High Water Resistance

| | |
|---|---|
| Product Name | PET Acoustic Panel |
| Composition | 100% Polyester Fiber |
| Size | 2440x1220 mm (8' x 4') |
| Thickness | 9 mm/12 mm |
| Recyclability | 100 % |
| NRC Rating | 0.35 (9mm) and 0.45 (12mm) |

## Applications

### EDUCATION

- Schools
- Colleges & Universities
- Institutions
- Libraries
- Tuitions & Coaching Centers

### WORKSPACES

- Offices
- Hospitals
- Desk Screens
- Meeting Rooms
- Call Centers
- Home Work Stations
- Recording Studios
- Co-Working Spaces

### COMMERCIAL

- Theaters & Auditoriums
- Resorts & Hotels
- Airport Lounges
- Resturants
- Shopping Malls
- Exhibition Halls
- Sporting Venues
- Home Theaters
- Gymnasiums



























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# ACOUSTIC
## Wall Panels

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# Acoustic Wall Panels

*"Absorb the noise. Amplify the beauty."*

Noise is one of the most disruptive forces in a modern workplace and one of the least addressed. Most walls are often ignored. At **COFUR** we approached these surfaces differently.

Our entire range was built on a single premise: the wall's asthetic shapes how a space feels just as much as what sits on the floor. When sound is managed well and designed with intention, people focus better and experience less fatigue.

Every product is designed to effectively perform acoustically and contribute to the visual presance to elevate spaces.

*"Our evry panel is acoustically engineered, while its design is elegantly expressed."*

## Design Principles We Follow

**• Acoustic First**

Every panel is engineered for noise reduction from the outset, not treated as an afterthought. NRC ratings, panel density, and suspension geometry are specified before aesthetics.

**• Zone-based thinking**

Focus zones, collaboration areas, and circulation corridors have different acoustic needs. Our range is designed to be mix and match across a floor plate, not applied uniformly.

**• Specification-ready**

Each product ships with full acoustic data, fixing details, and site compatibility notes. Designed so architects and interior designers can specify with confidence, not guesswork.

**• Intricate Designs**

Our acoustic panels carry intricate designs groved with pricision. These panels tend to elevate spaces along with excelent acoustic quality.

**• Visual calm**

Acoustic solutions reduce distraction, not become one. Our panels are designed to recede visually, allowing the space, the furniture, and the people to remain the focal point.

**• Built for commercial use**

High-traffic environments demand durability. Our ceiling range is rated for commercial interiors, resistant to humidity, impact, and the long-term demands of real workplace use.



AWP-01



AWP-02

AWP-03

AWP-04



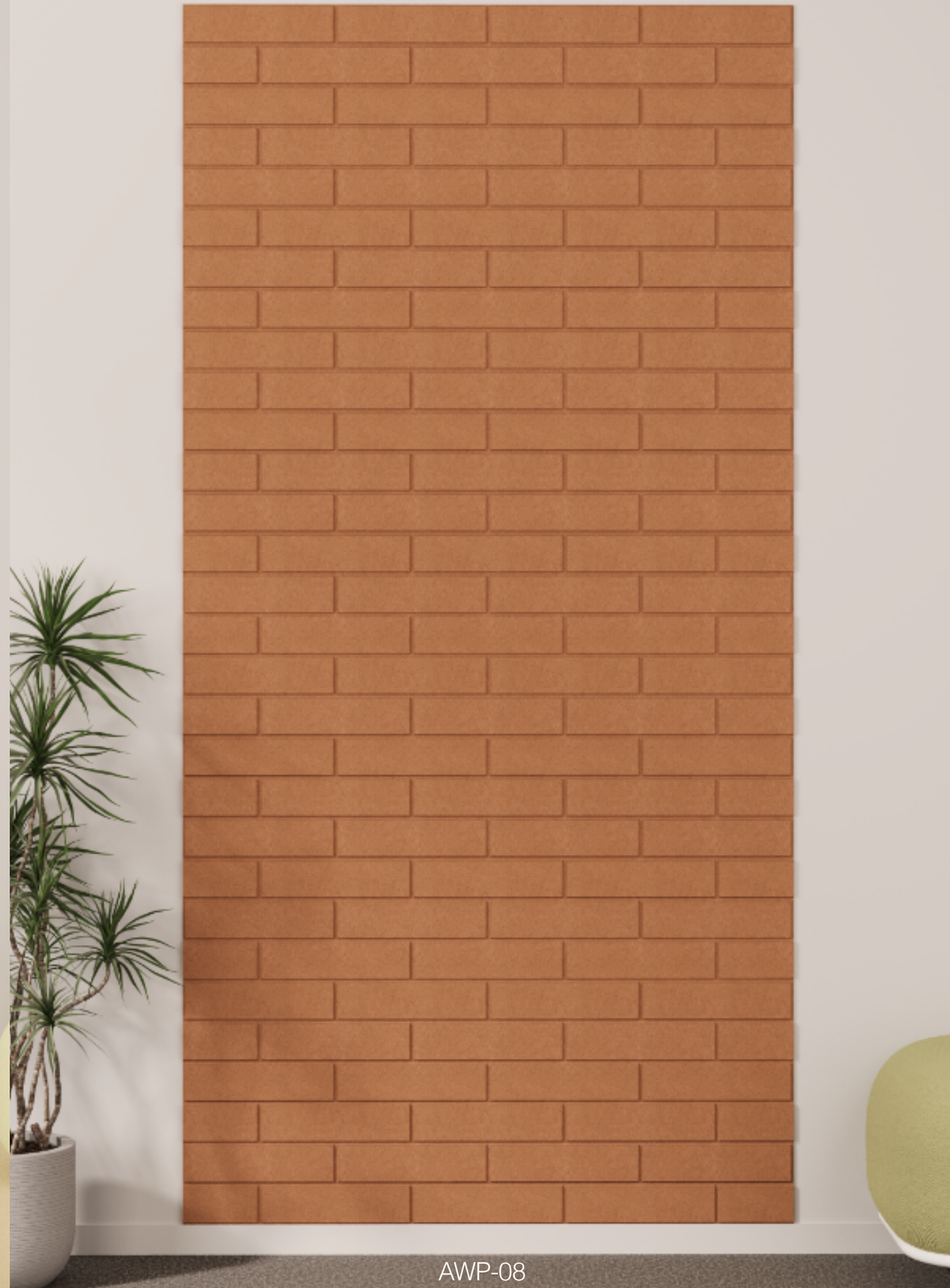
AWP-05



AWP-06



AWP-07



AWP-08



AWP-09



AWP-10

AWP-11

AWP-12



AWP-13



AWP-14



AWP-15



AWP-16



AWP-17



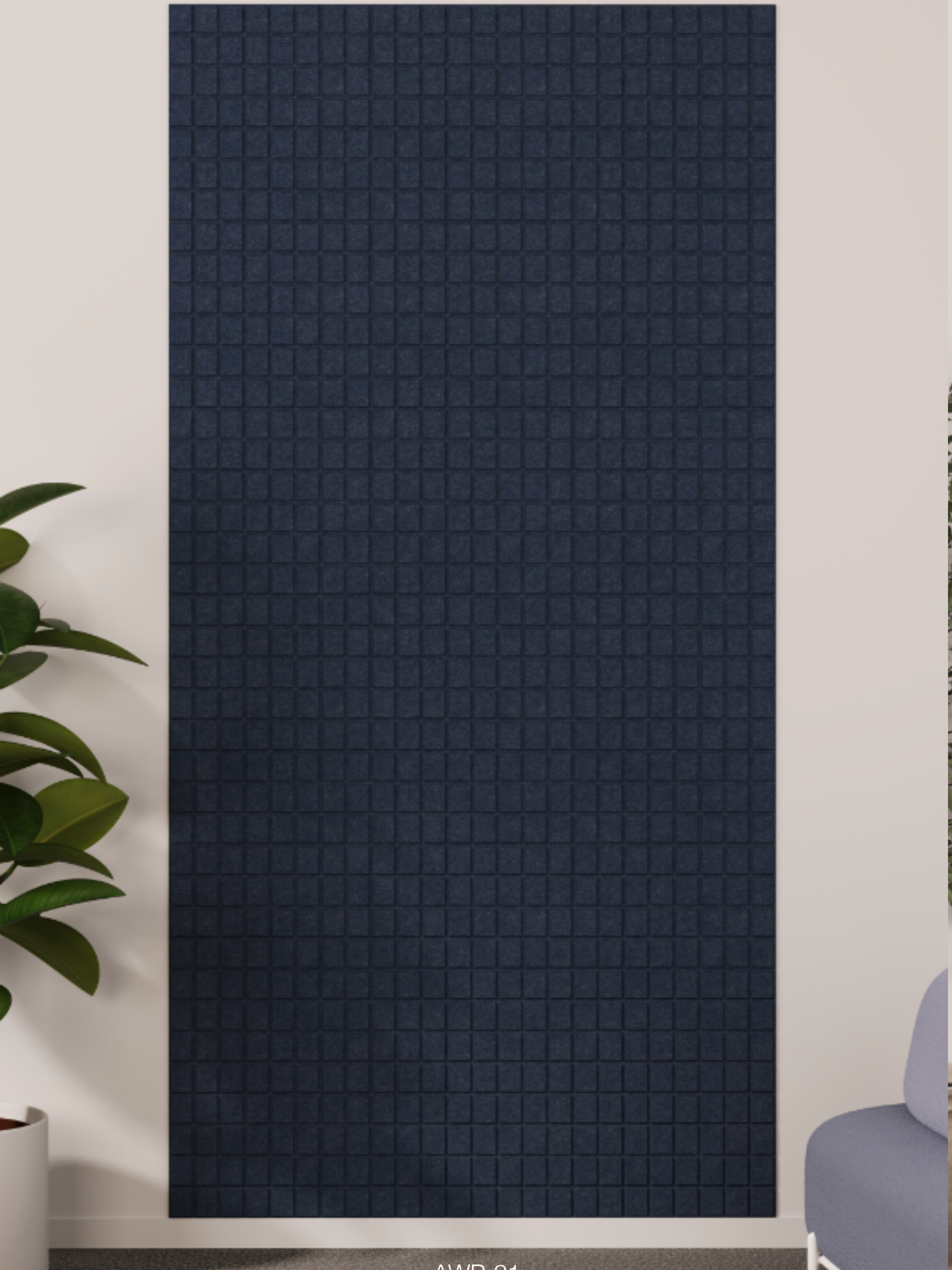
AWP-18



AWP-19



AWP-20



AWP-21



AWP-22

AWP-23

AWP-24



AWP-25



AWP-26



AWP-27



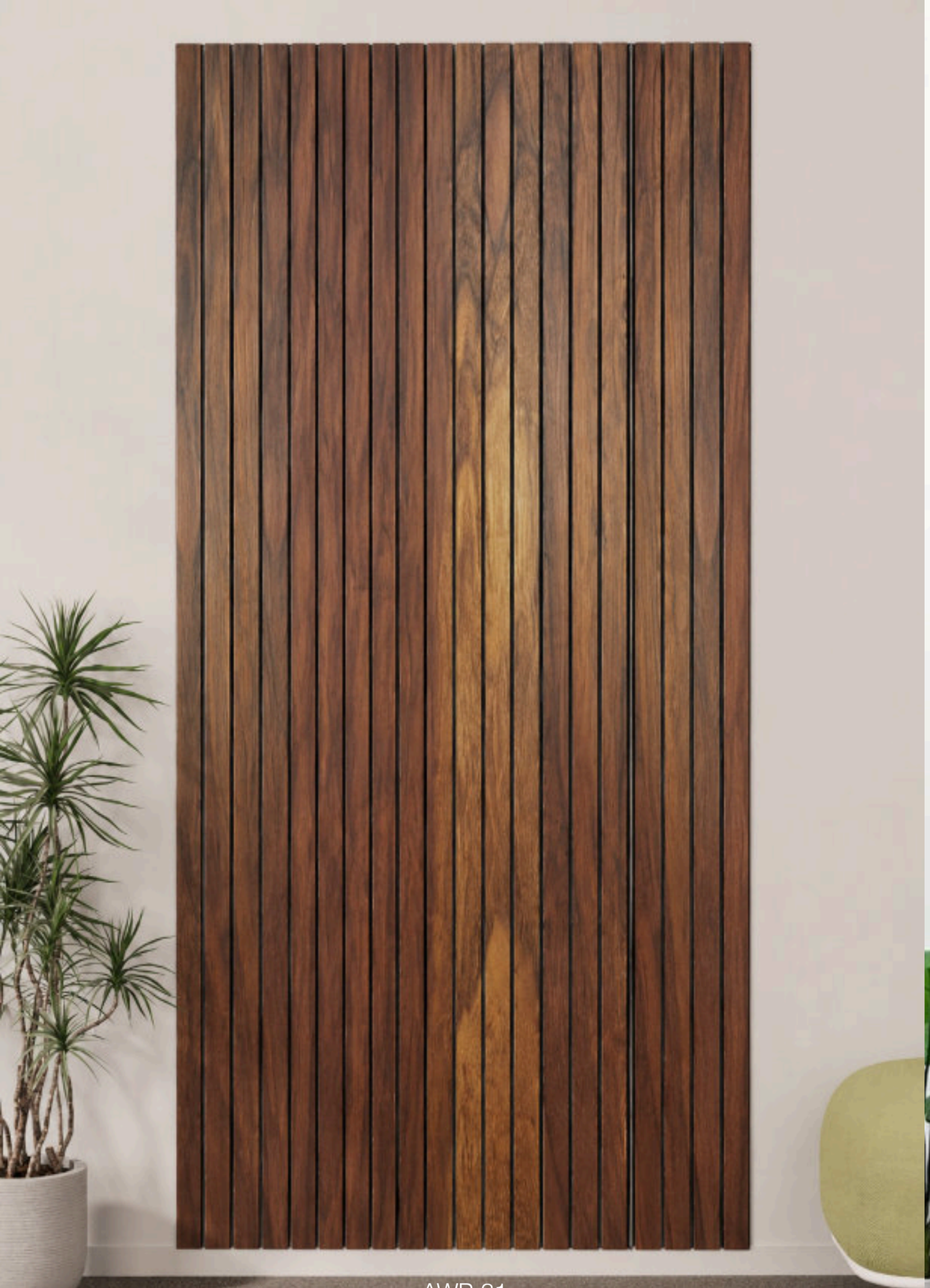
AWP-28



AWP-29



AWP-30

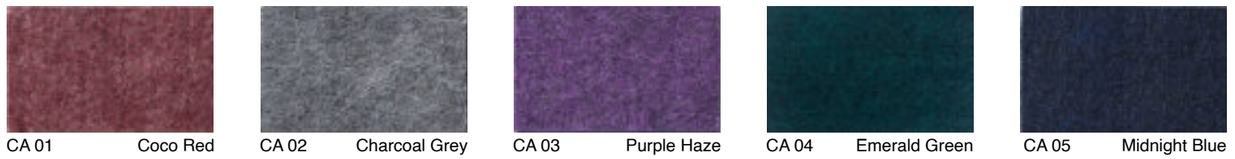


AWP-31



AWP-32

# Choose from a wide range of Colour Options



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# Sustainable Acoustic Panels for an Ecologically Sound Planet

- No Chemicals
- No Pollutants
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- Fire Retardant (Self Extinguishing)
- Low Water Absorbtion & High Water Resistance

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| Composition | 100% Polyester Fiber |
| Size | 2440x1220 mm (8' x 4') |
| Thickness | 9 mm/12 mm |
| Recyclability | 100 % |
| NRC Rating | 0.35 (9mm) and 0.45 (12mm) |

# Applications

### EDUCATION

- Schools
- Colleges & Universities
- Institutions
- Libraries
- Tuitions & Coaching Centers

### WORKSPACES

- Offices
- Hospitals
- Desk Screens
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### COMMERCIAL

- Theaters & Auditoriums
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- Resturants
- Shopping Malls
- Exhibition Halls
- Sporting Venues
- Home Theaters
- Gymnasiums

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TECHNICAL COMPLIANCE REPORT

# PET Acoustic Panel Evaluation

Comprehensive Analysis of Acoustic Absorption, Environmental Safety, and Global Fire Flammability Certifications

ARAI | TÜV Rheinland | NITRA | Ignito | Eurofins

# Performance Overview

A high-level summary of acoustic performance ratings, indoor chemical toxicity safety, and global fire reaction compliance across tested samples.

## Core Performance Pillars

### Fire Safety & Chemical Toxicity

- **Outstanding Fire Safety:** Certified EN 13501-1 (Class B-s1, d0) and ASTM E84 (Class 1 / Class A).
- **Zero Propagation:** NITRA tests showed **0 seconds** flame severance across all trials.
- **Ultra-Low Formaldehyde:** Formaldehyde content **< 16 mg/kg** (below reportable detection limits per TÜV).

### Acoustic Absorption Ratings

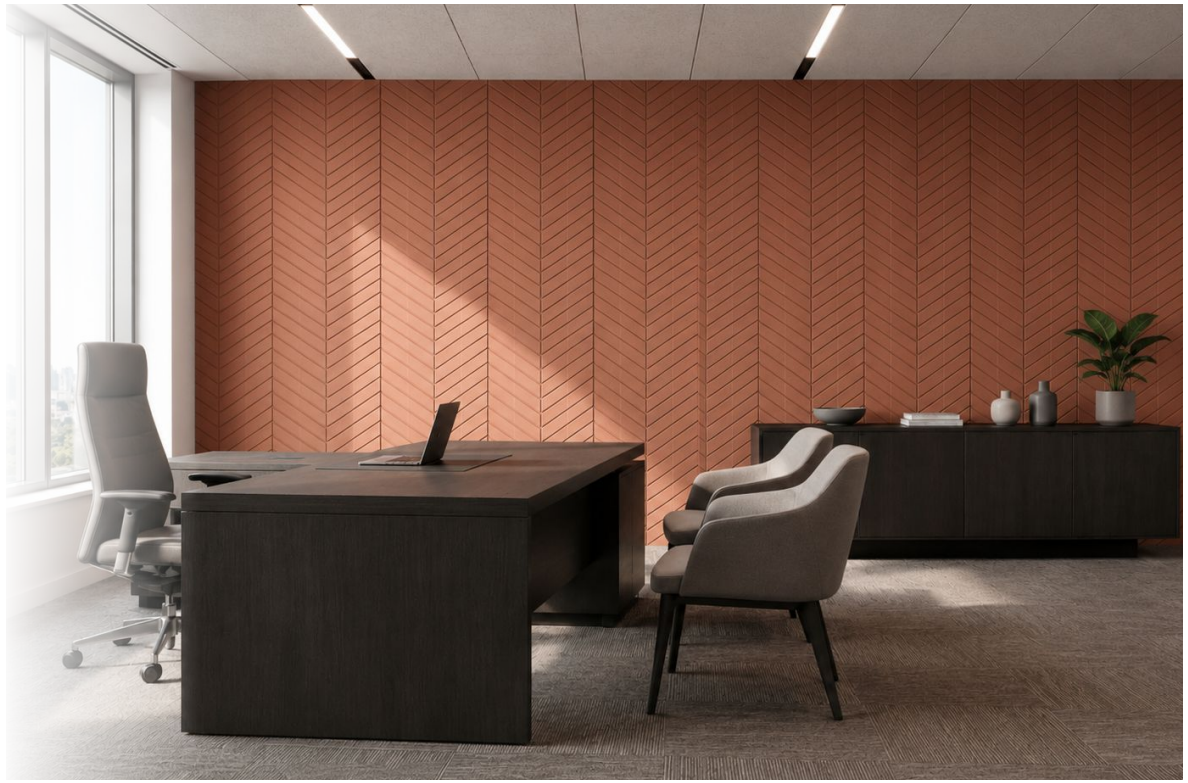
- **Moderate Sound Absorption:** Classified as Sound Absorption Class E per ARAI standards.
- **Thickness Correlation:** Sound absorption improves significantly as panel thickness increases.
- **12mm Superiority:** 12mm (2400 GSM) achieves 0.45 NRC vs 0.35 NRC for 9mm (1750 GSM).

# Acoustic Absorption Performance

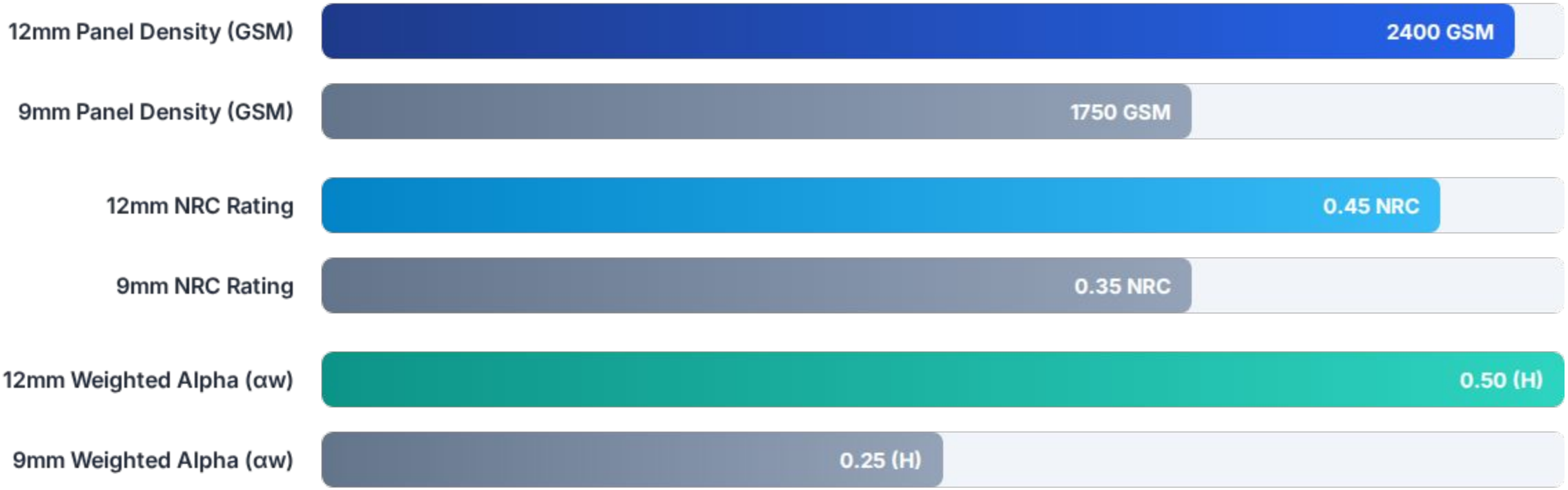
ARAI Test Reports 1367 & 1368

Testing conducted by the Automotive Research Association of India (ARAI) evaluates sound absorption for 9mm and 12mm Recycled Polyester Fibre panels:

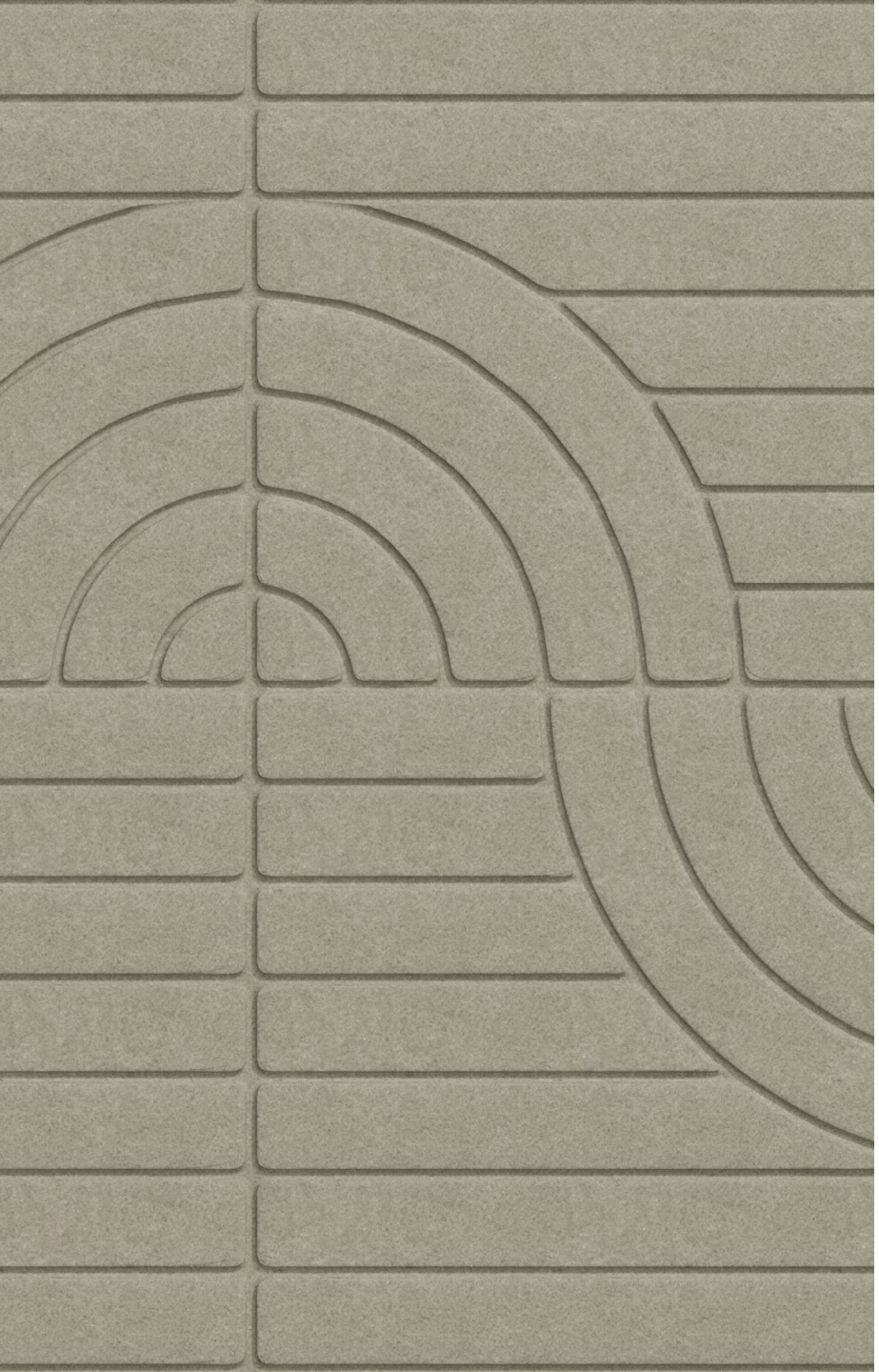
- **9mm Panel (1750 GSM):** Noise Reduction Coefficient (NRC) of **0.35** with αw of 0.25(H).
- **12mm Panel (2400 GSM):** Noise Reduction Coefficient (NRC) of **0.45** with αw of 0.50(H).
- **Density Impact:** A **37%** increase in GSM (1750 → 2400) delivers a **28.5%** improvement in NRC.
- **Standard Class:** Both thickness profiles are rated as **Class E** Sound Absorbers.



# Sound Absorption Comparison




**Key Finding:** Increasing panel thickness from 9mm to 12mm doubles the weighted sound absorption coefficient (αw: 0.25 → 0.50), making 12mm panels significantly more effective for high-frequency noise control.



# Eco-Friendly & Health Safety

TÜV Rheinland Report

## Toxicity & Air Quality

Safety testing performed on PET Acoustic Board confirms excellent environmental parameters for indoor installation:

FORMALDEHYDE CONTENT

**< 16 mg/kg**

Below detectable/reportable threshold limits. Ensures clean indoor air quality and safe application in public & residential spaces.

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# Flammability & Fire Safety Standards

Comprehensive evaluations by NITRA, Ignito Labs, and Eurofins demonstrate exceptional resistance to flame spread and smoke development.



# Multi-Standard Fire Ratings

## NITRA Flammability

IS:15061-2002

**0 Seconds Flame Severance** across all marker threads and trials. Demonstrates zero significant flame propagation under normal conditions.

## Ignito EN 13501-1

Class B, s1, d0

Passed SBI & Ignitability tests. FIGRA of **73.80 W/s (≤120)**, zero SMOGRA, no lateral flame spread (LFS), and no flaming droplets.

## Eurofins ASTM E84

Class 1 / Class A

Tested 12mm panels in Steiner Tunnel. Achieved Flame Spread Index of **9**.

# ASTM E84 Fire Safety Index

**9**

Flame Spread Index (FSI)

Max Limit for Class 1: 0 – 25

EUROFINS REPORT: D230216026

## North American IBC Compliance

Under ASTM E84 (Steiner Tunnel Test), surface burning characteristics determine material safety ratings for interior wall and ceiling finishes:

- **Flame Spread Index (FSI):** Score of **9** easily fits within the highest Class 1 / Class A rating (0–25).
- **Building Code Status:** Fully qualifies for Class 1 as per the International Building Code (IBC).

# Technical Compliance Matrix

| Testing Agency | Standard / Report No. | Sample Description | Key Metric | Result / Rating |
|---|---|---|---|---|
| **ARAI** | NVH/3100008167/.../1367 | 9mm Recycled PET (1750 GSM) | NRC: 0.35 \| αw: 0.25(H) | **Class E Absorber** |
| **ARAI** | NVH/3100008167/.../1368 | 12mm Recycled PET (2400 GSM) | NRC: 0.45 \| αw: 0.50(H) | **Class E Absorber** |
| **TÜV Rheinland** | Report No: 146971433 | PET Board (Grey) | Formaldehyde < 16 mg/kg | **Pass (Non-detectable)** |
| **NITRA** | Report No: 1544 B/20-CQE | 9mm PET Panel | IS:15061-2002 Clause 3.2 | **Pass (0s Severance)** |
| **Ignito Labs** | Report No: I230620001-1 | 9mm Panel (1897 g/m²) | BS EN 13823 / ISO 11925-2 | **Class B, s1, d0** |
| **Eurofins / Spectro** | Report No: D230216026-11 | 12mm Panel (600×600mm) | ASTM E84 (FSI: 9, SDI: 50) | **Class 1 / Class A (IBC)** |

# Compliance Summary Statement

"The tested PET acoustic panels exhibit exemplary fire resistance (Class 1 IBC / B-s1–d0) and formaldehyde levels below reportable limits, combined with impressive acoustic performance by the 12mm sheet of NRC 0.45
The perfect solution for **Echo reduction** and **Noise absorption**."

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