



Redefining Acoustics

Manufacturer of Sustainable PET Acoustic Panels

Index

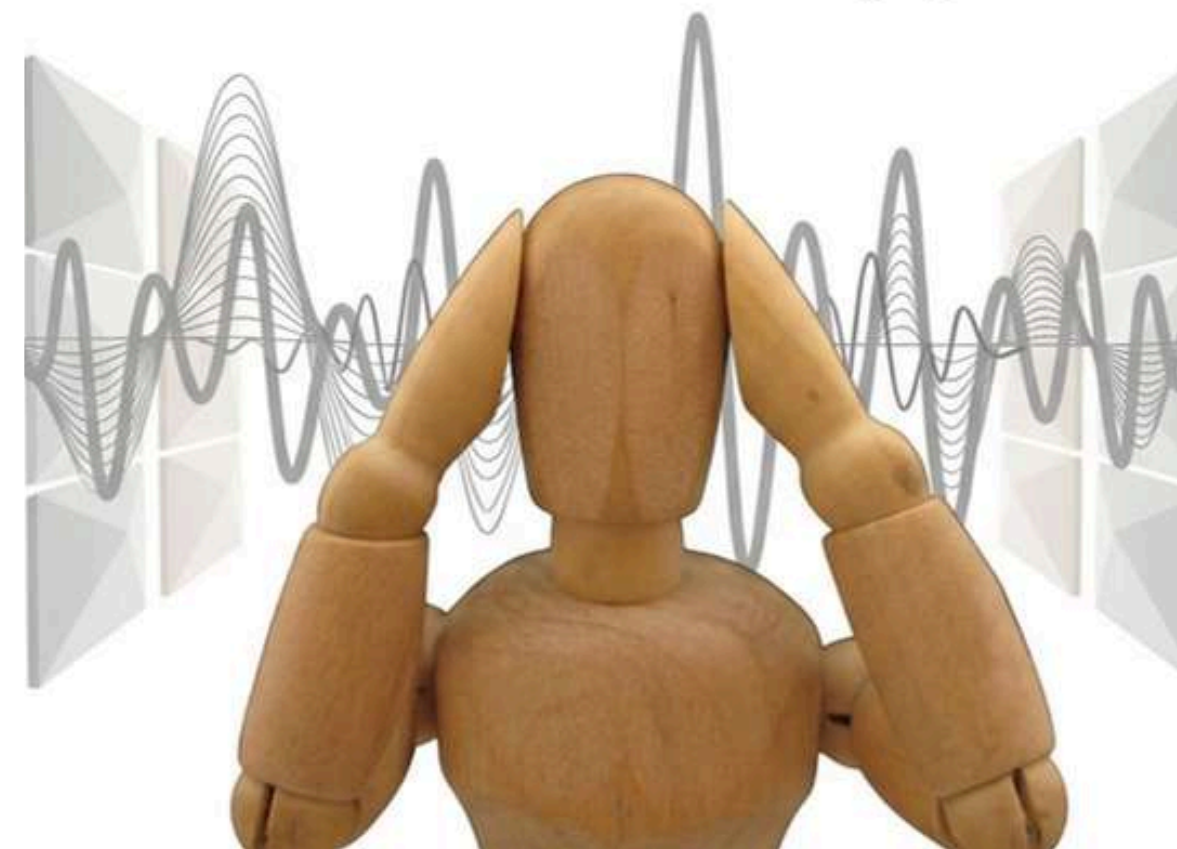
01	<u>Why Acoustics Matter</u>	06	<u>Physical Specification</u>	11	<u>TAP 3D Series</u>
02	<u>Acoustic Innovation</u>	07	<u>Technical Specification</u>	12	<u>TAP Lighting Series</u>
03	<u>Company Overview</u>	08	<u>Product Range</u>	13	<u>Colours</u>
04	<u>Sustainability</u>	09	<u>TAP Walls & Surface Finishes</u>	14	<u>Frequently Asked Questions</u>
05	<u>Product Features</u>	10	<u>TAP Ceiling Solutions</u>		

Why Acoustics Matter

Ever walked into a space that just felt right? Clear conversations, less distraction, effortless comfort — that is acoustics at work.

Good acoustics do not just improve sound. They improve concentration, collaboration, comfort, and the overall experience of a space.

“
**WHY ACOUSTICS MATTER:
IT IS THE INVISIBLE
ARCHITECTURE OF THE
BUILT ENVIRONMENT.**
”



Acoustic Innovation

Sustainable PET acoustic solutions for walls, ceilings, and architectural interiors.

TAP® Acoustics manufactures sustainable PET acoustic solutions for walls and ceilings, offering panels from **6 mm to 24 mm** in **64+ colours** with customisation capabilities including CNC designs, surface finishes, and 3D acoustic applications.

Developed for workplaces, hospitality, education, commercial, and institutional spaces, TAP® solutions help architects and designers integrate acoustics seamlessly into interior environments.



Company Overview

TAP® Acoustics is a **leading brand of Times Fibrefill Pvt. Ltd.**, built on a strong foundation of manufacturing excellence, sustainability, and customer commitment.

01.

Since 2001

Established in 2001, building a legacy of manufacturing excellence and sustainable innovation over the years.

02.

200+ Employees

A dedicated team committed to delivering quality products and sustainable solutions to customers.

03.

4 Locations

Presence across four locations, supporting growth, collaboration, and customer requirements efficiently.

04.

15+ Countries

Building a global presence by serving customers across international markets with a diverse range of products.



Sustainability

Product Design

TAP® Panels integrate recycled PET bottle-derived fibres to create sustainable acoustic solutions.

Manufacturing Process

TAP® Panels are manufactured using mechanical and thermal bonding processes, maintaining 100% PET composition.

Circular Economy

TAP® Panels remain 100% PET after use, allowing the material to be recycled again into bottles, textile fibres, or other PET products.



EPD Certified

Measures the environmental impact of a product across its lifecycle



GreenPro Certified

Recognises sustainable products for green building applications



GRS Certified

Verifies recycled content and responsible sourcing practices



IGBC Certified

Supports green building and sustainable construction initiatives

Product Features

TAP® offers features built for acoustics, design, and sustainability.



Enhanced Acoustics

Reduces noise and improves speech clarity



Innovative Design

Clean forms that complement modern interiors



Tailored Customisation

Custom sizes, colours, textures, and finishes



Durable & Lightweight

Self-finishing surface with low maintenance



Fire Retardant

Exceeds American, European, and Indian standards



Physical Specification

Product Name.	Times Acoustic Panel (TAP®)
Manufacturer.	Times Fibrefill Pvt. Ltd.
Origin.	Kolkata, India
Colour.	64 Solid Colours
Composition.	100% PET (60% Recycled)
Panel Dimensions.	2440 mm x 1220 mm (+/- 5%)
Density.	200 kg/m ³ (+/-10%)
Thickness.	6mm 9mm 12mm 18mm 20mm 24mm (+/- 10%)

Technical Specification

NRC Values.		
Thickness	Direct Wall Application*	Wall Panelling System*
9mm	NRC: > 0.30	NRC: > 0.90
12mm	NRC: > 0.40	NRC: > 0.95
20mm	NRC: > 0.60	NRC: > 1.00

Fire Test.	ASTM E84 CLASS A BS EN 13501-1 : Rating class B S1 d0
Surface Care.	Blot excess spills from material quickly. Wipe with a damp cloth vacuum regularly.
Environmental.	EPD Green Pro Ecolabel GRS IGBC Oekotex

- **Direct Wall Application:** Direct fixing of 9 / 12 / 20 mm TAP® Panels (Class A fire rating as per ASTM E84) onto walls / ply surfaces using suitable adhesive over clean and prepared substrates.
- **Wall Panelling System:** Wall panelling using 9 / 12 / 20 mm TAP® Panels (Class A fire rating as per ASTM E84) with 50 mm GI / Aluminium framework, 50 mm Hiloft Polywool (20 kg/m³), 7 mm DIR board, and TAP® Panel finish.

Product Range

TAP® offers a diverse range of acoustic solutions designed to shape surfaces, ceilings, and spaces through performance-driven design.



TAP® Walls + Surface Finishes

Transform walls into acoustic features through textures, patterns, finishes, and customised surface applications for modern interiors.



TAP® Ceiling Solutions

Create quieter, more comfortable spaces with ceiling systems designed for both acoustic performance and visual integration.



TAP® 3D Series

Bring depth and dimension to interiors with sculpted acoustic forms designed to enhance both sound and spatial experience.



TAP® Lighting Series

Create illuminated ceiling features that combine acoustic performance, visual depth, and integrated lighting for open architectural spaces.

TAP® Walls + Surface Finishes

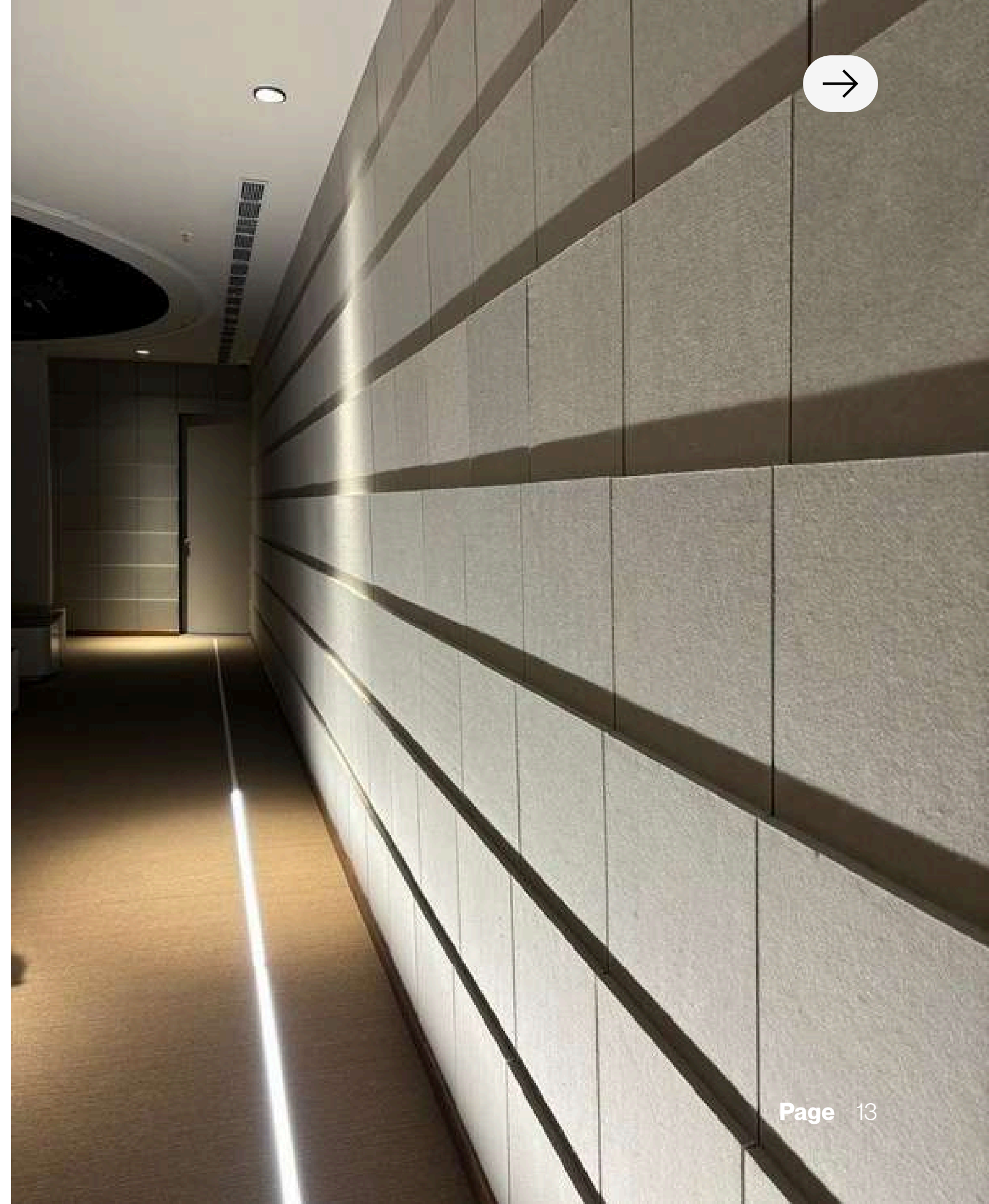


Solid Panel

The foundation for creative acoustic applications

Solid Panel

- Plain surface finish offering a clean and minimal acoustic wall solution
- Available as full-size panels in 1220 mm × 2440 mm for direct wall applications
- Can be CNC cut into customised shapes, patterns, and design concepts
- Recommended thicknesses for wall applications: 9 mm, 12 mm, and 20 mm (high impact areas)
- Mix and match colours to create vibrant and customised wall designs





Groove Design

Surface detailing designed to add texture and character

Groove Design

- CNC grooving creates precise textures and surface detailing on TAP® panels
- Enables elegant, geometric, traditional, and custom pattern possibilities
- Adds depth, texture, and visual character to interior surfaces
- Recommended on 12 mm TAP® Panels for optimal groove definition



Choose from predefined patterns or customise grooves to suit your design language.



Diagonal



Vertical



Checkered



Arc



Axis Arc



Radial

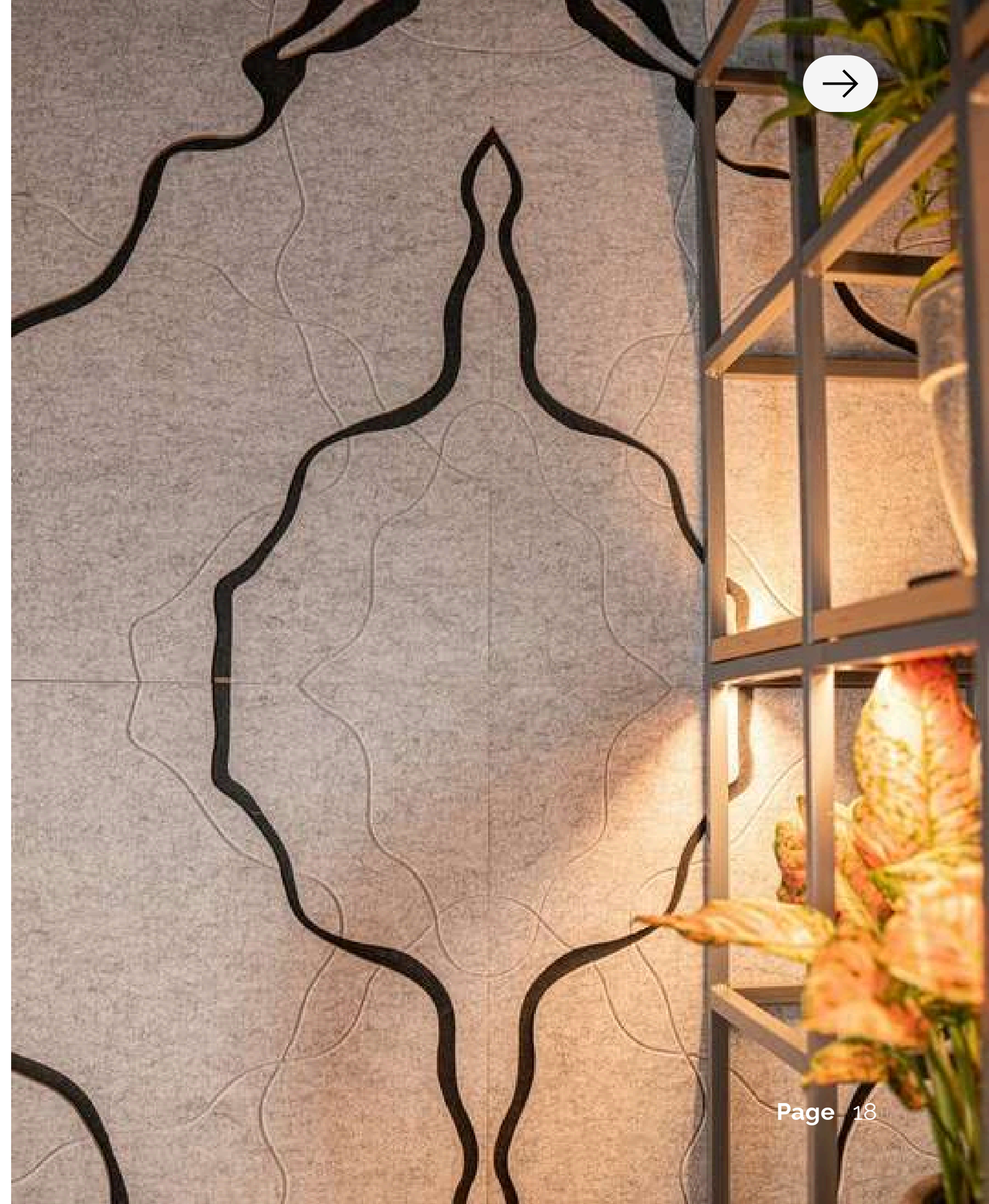


Layered Design

Layered panels designed to create depth and contrast through colour

Layered

- Combines two coloured panels through a precise layered overlay
- Creates depth, contrast, and visual rhythm within interiors.
- Transforms surfaces into expressive geometric compositions
- Customisable into various sizes and shapes to suit design requirements





Digital Printing

Custom printed panels for artistic acoustic applications

Digital Printing

- High-definition graphics, artworks, and visuals can be digitally printed on TAP® panels in white colour
- Printing can be done on full panels (1220 mm × 2440 mm) or customised shapes and sizes
- Transform acoustic panels into artwork, murals, or painted aesthetics while maintaining acoustic performance
- Compatible across multiple thicknesses including 9 mm, 12 mm, and 20 mm





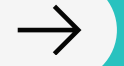
CNC Design

CNC technology expands the design possibilities of TAP® Panels

CNC-Design

- CNC machining enables precise cutting, shaping, and detailing of TAP® Panels
- Used to create grooves, cut-through patterns, partitions, and customised design concepts
- Supports multi-layer compositions to add depth, dimension, and visual impact
- Allows transformation of acoustic panels into feature walls, artwork, and architectural elements





TAP® Ceiling Solutions

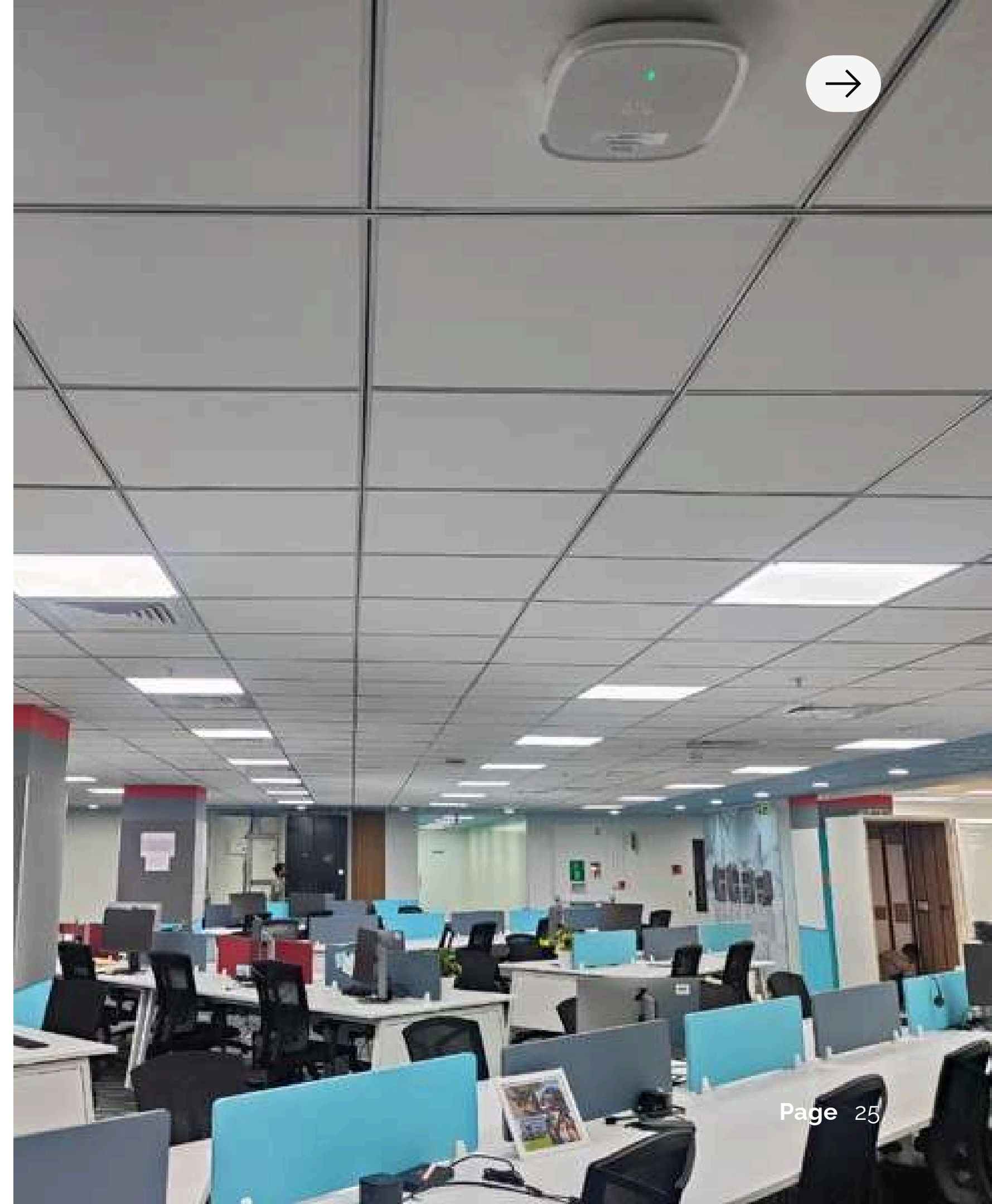


Grid Ceiling

Durable acoustic ceiling tiles designed for seamless integration into standard grid systems

Grid Ceiling

- Available in standard sizes 600mm x 600mm / 1200mm x 1200mm
- Easily integrates into conventional T-grid ceiling systems
- Available in 15 mm thickness
- Lightweight yet durable construction resistant to chipping, cracking, and breakage
- Customisable colours and textures to enhance ceiling aesthetics
- Designed to deliver high acoustic performance for commercial spaces



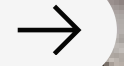


Line Baffle

Suspended acoustic elements designed to create rhythm, openness, and acoustic comfort

Line Baffle

- Slim suspended panels arranged in parallel lines for continuous ceiling coverage
- Available as **Straight Baffles** or **Wave Baffles**
- Helps reduce echo and drifting noise while improving speech clarity
- Suitable for classrooms, workspaces, conference rooms, auditoriums, and open areas
- Adjustable height, spacing, and placement through channel and clip systems
- Configurable layouts allow customised ceiling designs and visual patterns



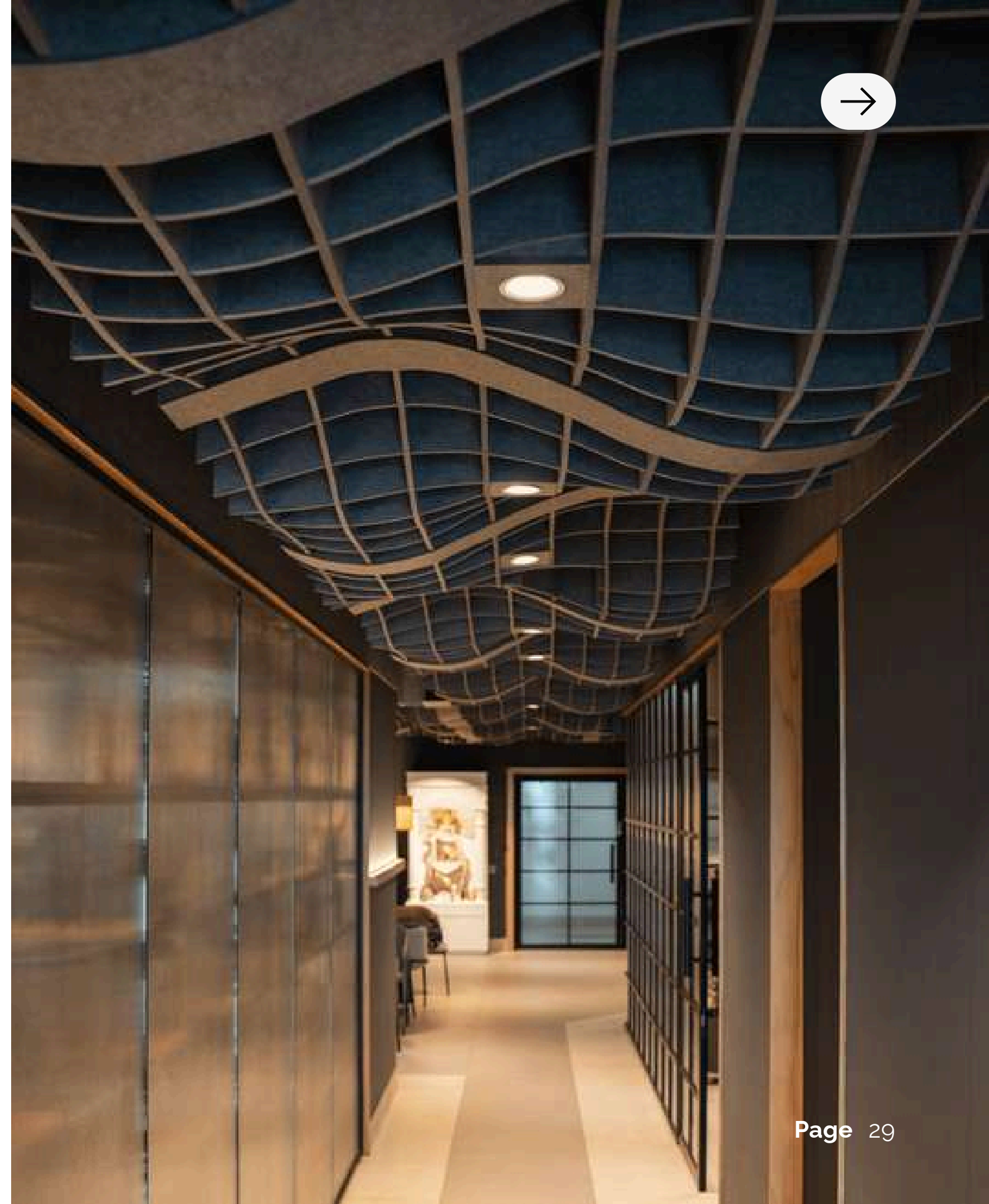


Intersecting Baffle

Intersecting ceiling systems designed to add structure, depth, and acoustic performance

Intersecting Baffle

- Intersecting baffles arranged to create seamless acoustic ceiling grids and sculptural forms
- Available in **Checked** and **Parametric Wave** configurations
- Covers greater surface area at intersections for enhanced acoustic absorption
- Adds architectural depth, texture, and visual rhythm to interiors
- Suitable for workspaces, collaborative areas, breakout zones, and contemporary interiors
- Customisable layouts allow both structured grids and expressive ceiling forms





Box Baffle

Suspended box-shaped acoustic baffles designed to create depth, structure, and ceiling rhythm

Box Baffle

- Fully enclosed rectangular frames creating clean and sculptural ceiling forms
- Adds depth, rhythm, and visual character to interior spaces
- Modular design enables customised ceiling compositions
- Helps absorb ambient noise while maintaining spatial openness
- Suitable for offices, studios, collaborative spaces, and high-traffic areas
- Recommended depth options: 50 × 50 mm, 50 × 100 mm, and 100 × 200 mm



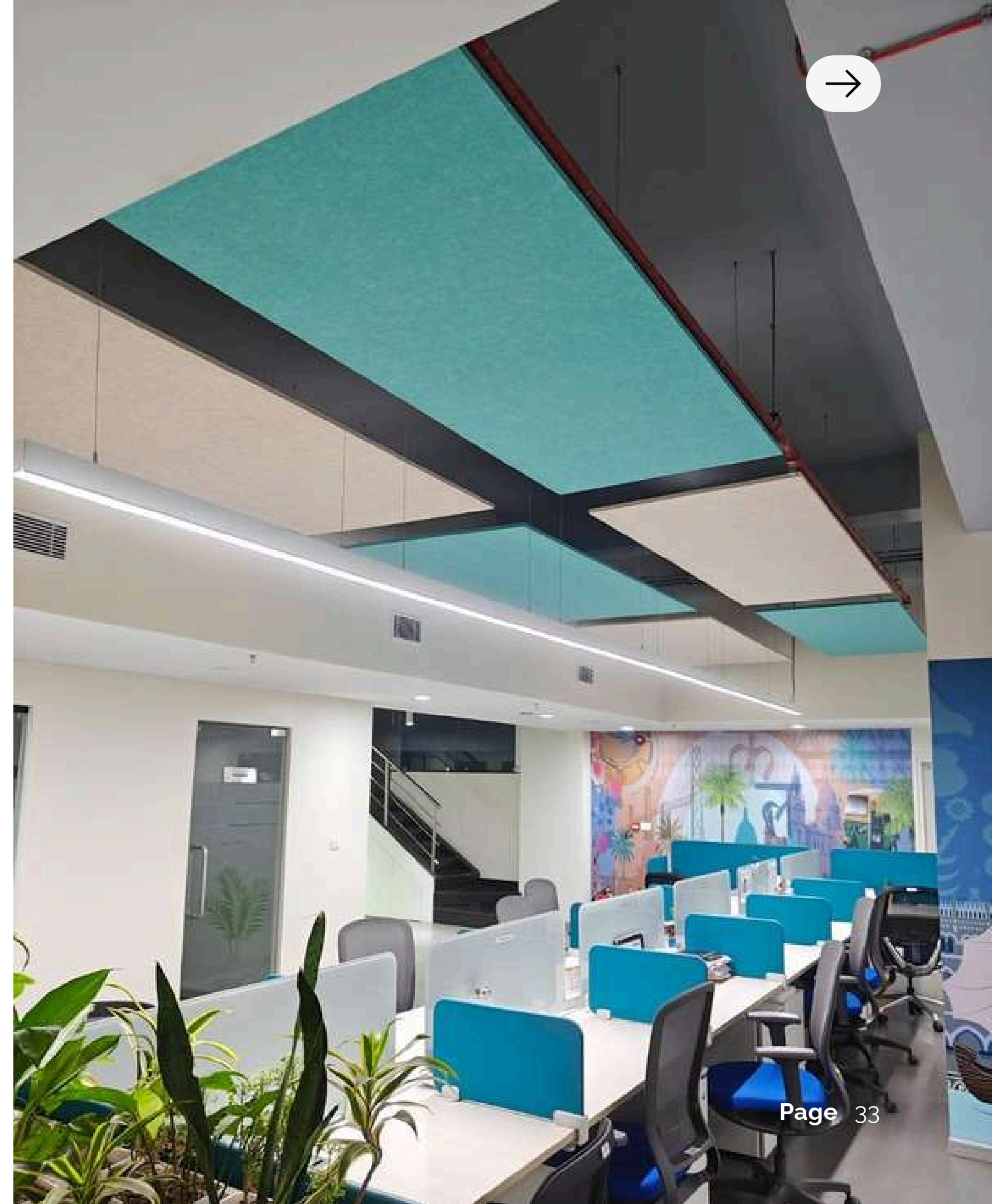


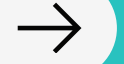
Cloud Ceiling

Suspended cloud panels designed to create acoustic comfort with sculptural ceiling forms

Cloud Ceiling

- Cloud ceiling system combining acoustic performance with clean and minimal aesthetics
- Available in customised geometric forms including circles, squares, triangles, and bespoke shapes
- Lightweight and durable construction suitable for open ceiling spaces
- Adjustable suspension system allows control over hanging height and placement
- Helps absorb sound across multiple frequency levels within a space
- Suitable for offices, restaurants, collaborative spaces, and modern interiors





TAP® 3D Series



3D Origami

3D moulded acoustic
panels inspired by folded
Origami forms

3D Origami

- Hexagonal 3D moulded panel inspired by folded Origami geometry
- Standard tile size: **350 mm x 350 mm**
- Installed with a flat backing panel to support easy application on walls and other flat surfaces
- Folded geometry enhances sound diffusion and acoustic performance
- Creates depth, texture, and layered visual expression
- Suitable for feature walls and statement acoustic installations





3D Canyon

Wave-formed 3D
acoustic panels designed
to create sound diffusion
with sculptural depth

3D Canyon

- Layered wave geometry engineered to enhance sound diffusion and acoustic performance
- Standard tile size: **600 mm x 600 mm**
- Suitable for both wall and ceiling applications
- Wall installations use a flat backing panel for easy application on surfaces
- Ceiling installations fit into standard T-grid systems using a clip-based fixing system
- Creates a flowing ripple aesthetic with depth and visual movement



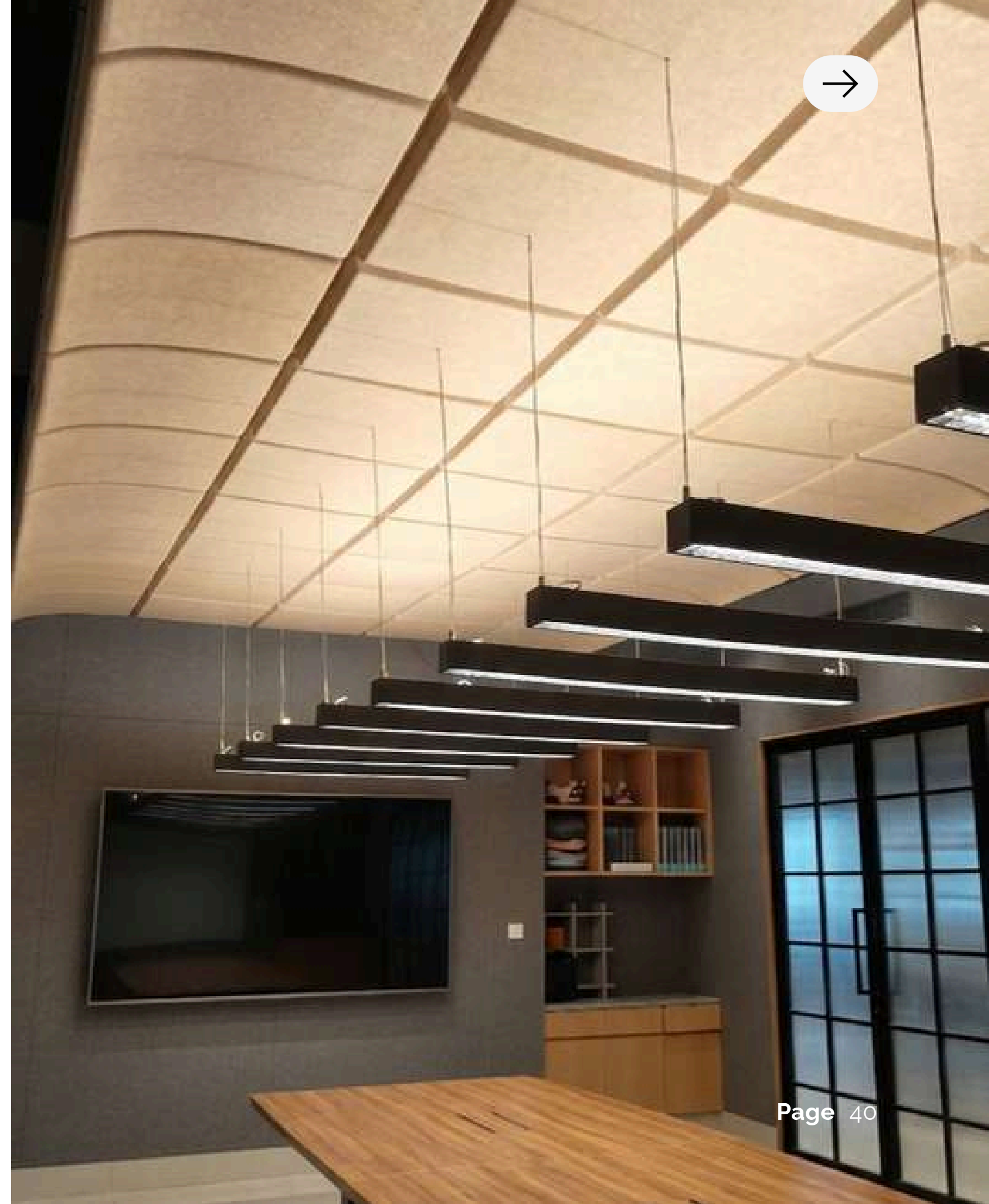


3D Gothic

3D vaulted panels inspired by Gothic arches for acoustic diffusion and visual depth

3D Gothic

- Modular 3D panel system inspired by vaulted Gothic forms and continuous arches
- Standard tile size: **600 mm x 600 mm**
- Suitable for both wall and ceiling applications
- Wall installations use a flat backing panel for easy application on surfaces
- Ceiling installations use a clip system for integration into standard T-grid ceilings
- Designed to reduce reverberation while creating sculptural architectural surfaces





3D Gridform

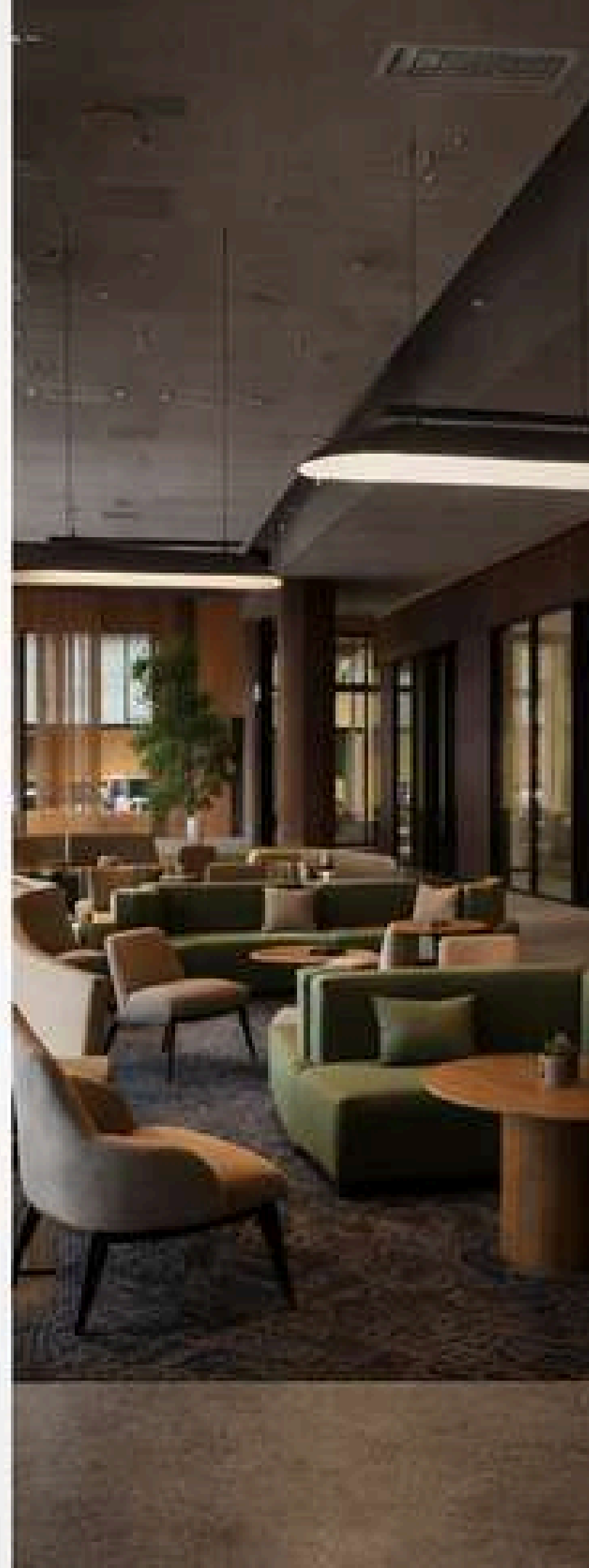
3D coffered panels
designed to create
architectural ceilings with
acoustic performance

3D Gridform

- Coffered 3D panel system with recessed square forms for depth and acoustic comfort
- Standard tile size: **600 mm × 600 mm**
- Suitable for both wall and ceiling applications
- Wall installations use a flat backing panel for easy application on surfaces
- Ceiling installations use a clip system for integration into standard T-grid ceilings
- Available in two tile modules that can be mixed and matched to create design variations



TAP® Lighting Series



3D Luminous

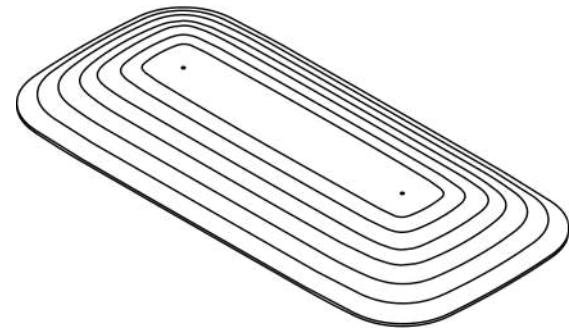
3D coffered panels
designed to create
architectural ceilings with
acoustic performance

3D Luminous

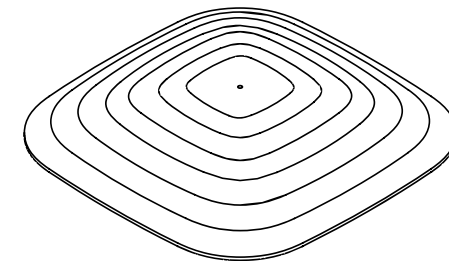
- Decorative 3D ceiling elements with integrated lighting options
- Available in **560 × 1160 mm, 840 × 840 mm, and 600 × 600 mm modules**
- Creates sculptural ceiling forms with enhanced acoustic absorption
- Can be installed as single features or repeated ceiling compositions
- Suitable for offices, hospitality spaces, lounges, and collaborative environments



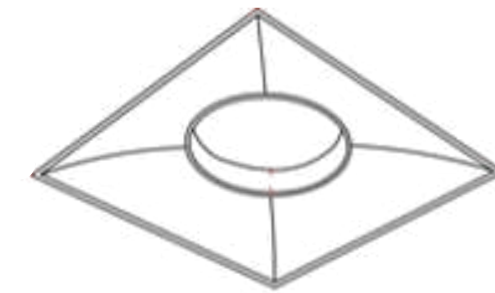
Use as a standalone feature or combine in clusters for larger compositions.



560mm x 1160mm



840mm x 840mm



600mm x 600mm





Floating Light Box

Suspended acoustic luminaires designed to combine ceiling design and illumination

Floating Light Box

- Suspended box-profile acoustic elements with integrated lighting
- **Standard size: 300 mm (W) × 300 mm (D) × 300 mm (H)**
- Functions as both a ceiling feature and lighting solution for open ceiling spaces
- Modular layouts create rhythm, depth, and visual impact overhead
- Helps improve acoustic comfort while enhancing spatial aesthetics
- Suitable for offices, collaborative spaces, hospitality areas, and open interiors
- Configurable compositions allow customised ceiling patterns and layouts



Colours

7220 WHITE	L150 CREAM	8761 LIGHT BEIGE	4120 BEIGE	4215 NATURAL BEIGE	8528 JUTE
8535 STONE BEIGE	8566 DARK BEIGE	4198 ROAST BROWN	8558 AFRICAN DESERT	8013 COPPER MOON	8638 PEPPERCORN
0533 BRICK RED	8007 PEACH	8765 BROWN	8453 DARK BROWN	8307 MARBLE GRAY	0615 MELANGE
8304 DARK MELANGE	8333 MIDNIGHT GRAY	8267 SENSIBILITY GRAY	8234 SLATE GRAY	8440 GRAY	8294 NATURAL GRAY
8303 STONE GREY	8264 VOLTAGE GREY	8327 BURNT GREY	8301 ASH GREY	8310 IRON ORE	6126 NICKEL GREY
8285 MINE SHAFT	0000 BLACK	7248 BLUE CHARM	7271 BLUE POTTERY	1306 ROYAL BLUE	7245 IMPERIAL BLUE

Colours



7329 SKY BLUE



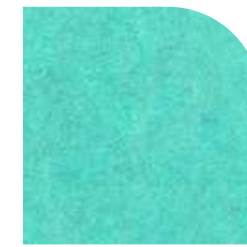
7326 SAPPHIRE



7357 EMPHASIS BLUE



7221 NAVY BLUE



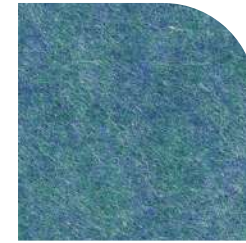
7505 TURQUOISE



7511 VALLEY GREEN



8389 ENCHANTED FOREST



7526 TEAL



7726 GRASS GREEN



7725 OLIVE GREEN



7689 GARDEN MOSS



7581 URBAN GREEN



8093 RED



8085 URBAN RED



8109 MAROON



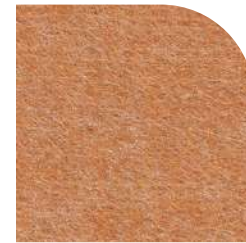
8701 DARK MAROON



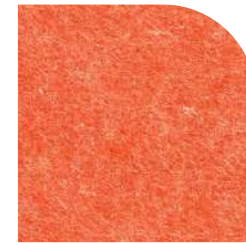
7943 YELLOW



7958 GOLD



7933 MUSTARD



8021 ORANGE



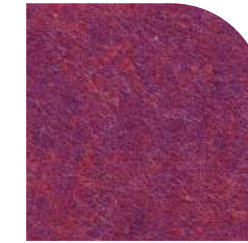
0427 TERRACOTTA



7966 TURMERIC



0419 NUT BROWN



8141 PASSIONFRUIT



0318 LIGHT BISCUIT



0578 VOLCANO



7109 PURPLE



8197 HEP PURPLE

Frequently Asked Questions (FAQs)

- **Do you manufacture PET panels? If yes, where is your unit located?**

Yes, TAP® manufactures PET acoustic panels in-house. Our manufacturing unit is located in Kolkata, India.

- **Do you supply and apply all across India?**

We supply PAN India. Application support is offered for selected projects, typically 6,000 sq. ft. and above.

- **Do you have customisation facilities such as CNC cutting and digital printing in-house?**

Yes, all our customisation capabilities including CNC cutting, digital printing, grooving, and other value-added processes are available in-house.

- **Do you provide acoustic guidance for projects?**

Yes, our team supports acoustic recommendations, product selection, and solution development based on project requirements.

Frequently Asked Questions (FAQs)

- **What is your lead time for shipment?**

Lead time typically ranges between 12–21 days, depending on stock availability, customisation requirements, and project volume.

- **Do you also offer design assistance with acoustic products?**

Yes, TAP® has a dedicated in-house design team for project assistance. We also provide DWG drawings and design resources to support architects and designers.

Request access: https://drive.google.com/drive/folders/19z64U4wpbyoBZieN-futzZt-h-x1GDol?usp=drive_link

- **Do you have customisation facilities such as CNC cutting and digital printing in-house?**

Yes, all our customisation capabilities including CNC cutting, digital printing, grooving, and other value-added processes are available in-house.



CONTACT US

Times Fibrefill Private Limited

Module D, 10th Floor, Bengal Eco Intelligent Park
EM3, Sector V, Salt Lake, Kolkata, WB, 700091

Website

www.tapacoustics.com

Phone

[+91 92309 72657](tel:+919230972657)

E-mail

admin@tapacoustics.com