

ELITE OFFICE
FURNITURE

ACOUSTIC

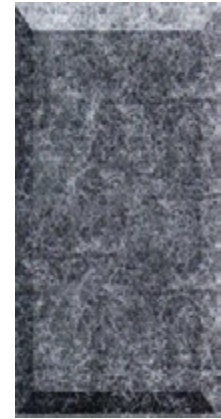
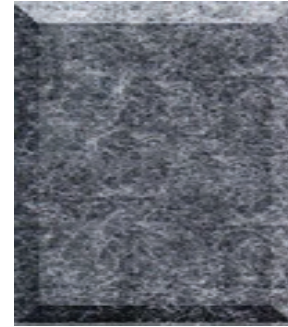
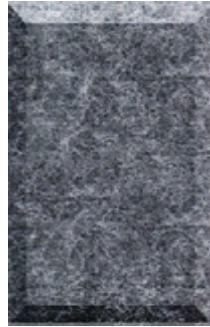
INSPIRATIONS





ACOUSTIQ PANEL

Specifications & Sizes



THICKNESS:
10mm

DENSITY:
2000g/m³

STANDARD SIZE:
2400 x 1220mm

THICKNESS:
10mm

DENSITY:
2000g/m³

STANDARD SIZE:
2400 x 1830mm

THICKNESS:
10mm

DENSITY:
2000g/m³

STANDARD SIZE:
2750 x 1220mm



ACOUSTIC SOLUTIONS

Contents & Specifications

Interior acoustic solutions absorb noise, blocking it from being reverberated within a room, whilst also providing additional protection from ambient, airborne, and structure-borne noises.

The objective in providing acoustic solutions is to create a space that offers a high signal-to-noise ratio. This can dramatically improve an individual's ability to focus in an environment for a longer period of time.



High performance
- Noise Reduction
Coefficient (NRC)
0.85-0.9



Cut in Australia



Easy to Install



Interior Wall -
Sound
Absorption



Echo Reduction



Made from
Polyester Fibre



High Resistance to
humidity &
Moisture



Highly Versatile
- Cut to desired
shape / size

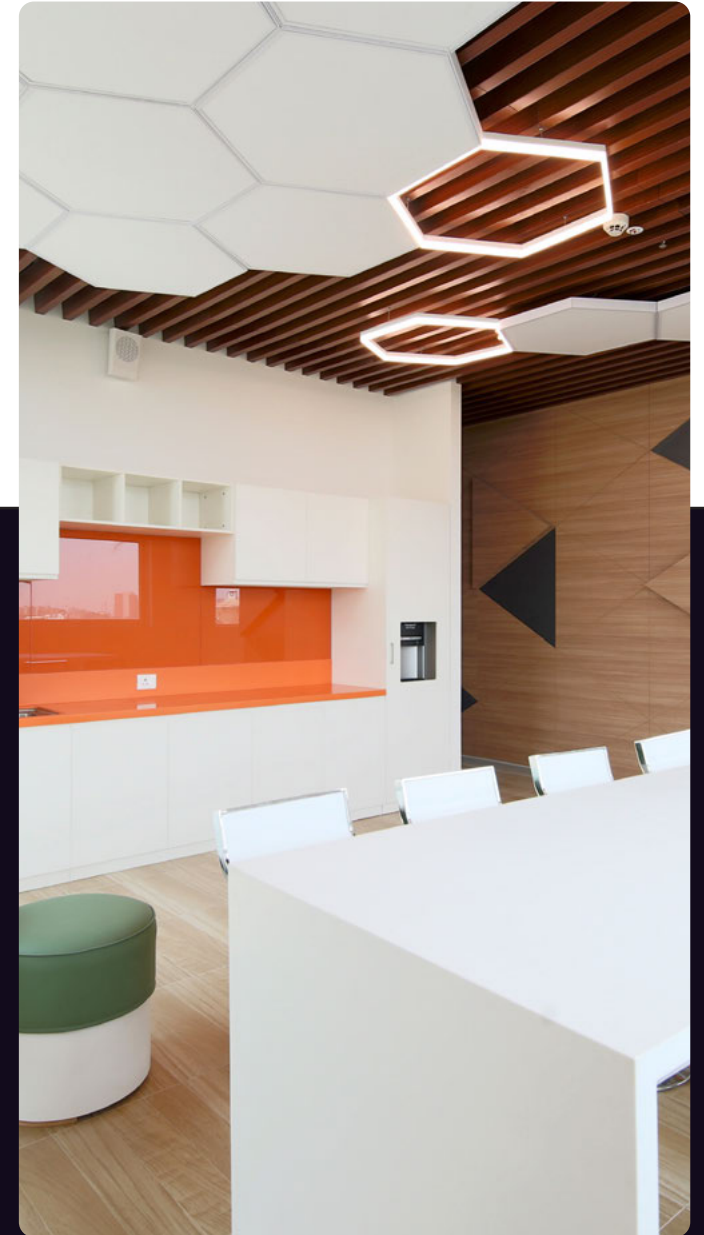


Flame Retardant



Formaldehyde
Free - no binding
agent

Recycled PET Panels
60% recycled content
Density: 2000gm/sqm
Flammability certification: BS EN 13501.1 Classification: B-S1, D0



ACOUSTIC SOLUTIONS

Certification & Testing



Sound Absorption:

ASTM C-423 and ISO 11654
NRC Rating: 0.90 (w/
50mm air gap)
Weighted Sound Absorption Coefficient: 0.95



VOC Emissions:

ASTM D5116. Less than
0.02mg/ sqm/hr
Formaldehyde free



Fire Test:

BS EN 13501.1 Classification: B-S1, D0

- Made from recycled material
- Compatible with TextileSafe™ anti-microbial treatment
- Impact resistant
- Humidity and moisture resistant
- Printed panel options available
- High speed panel cutting services using the latest European technology

SGS



Colours



White (W)



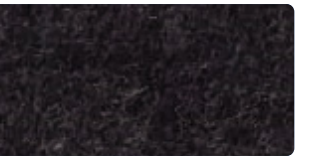
Marble Grey (MG)



Slate Grey (SGR)



Grey (GRY)



Charcoal Grey (CG)



Black (BLK)



Light Beige (LB)



Dark Beige (DB)



Natural (N)



Brown (BR)



Coral Pink (CPK)



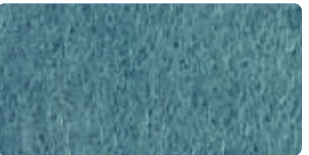
Pink (PK)



Royal Pink (RP)



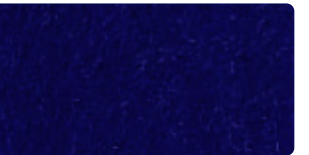
Pacific Blue (PB)



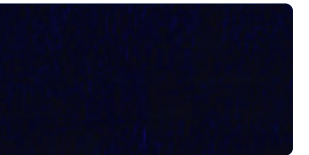
Sky Blue (SB)



Cobalt Blue (CBLU)



Blue (BLU)



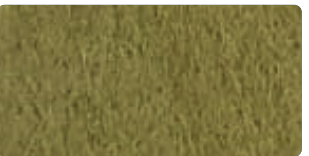
Dark Blue (DBL)



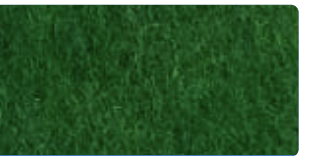
Purple (PLE)



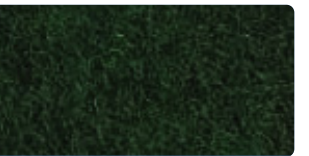
Yellow (Y)



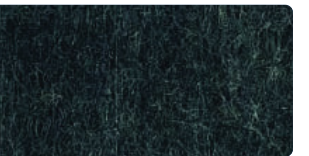
Banana Green (BG)



Green (G)



Dark Green (DG)



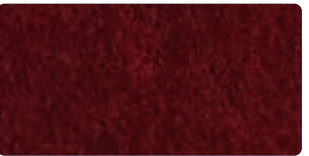
Peacock Green (PG)



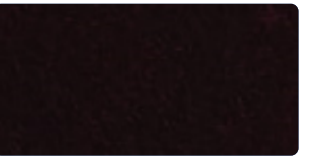
Orange (O)



Red (R)



Maroon (M)

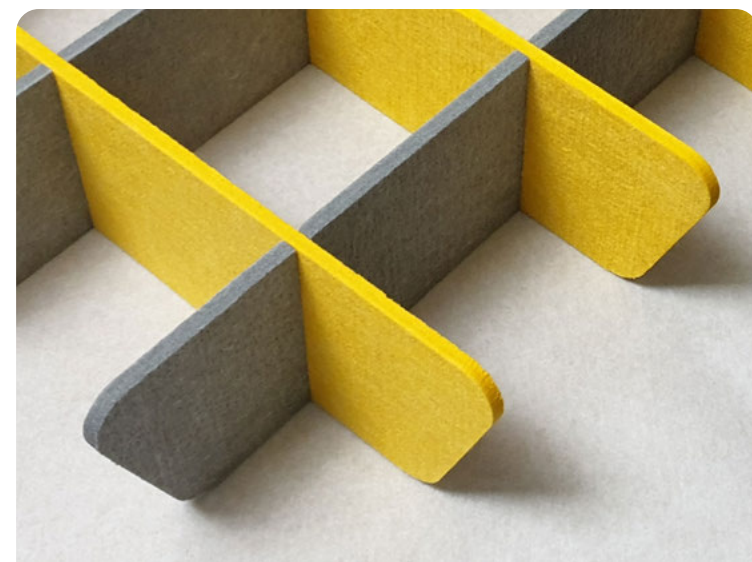


Dark Maroon (DM)

ACOUSTIC SOLUTIONS

Polyester Staple Fiber

- Shrink and Stretch Resistant
- Resistant to most chemicals
- Mildew/Fungus resistant
- Abrasion resistant
- Not affected by organic solvents



ACOUSTIC SOLUTIONS

Various Applications



DIVIDERS

For Modular furniture



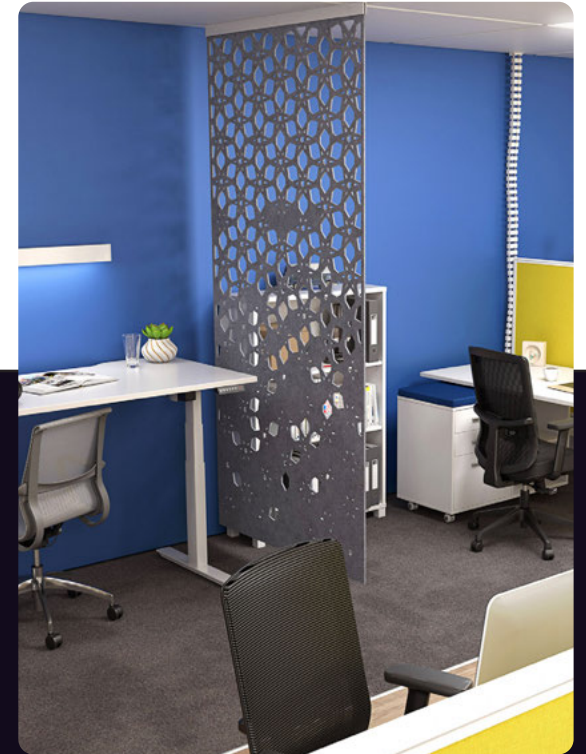
WALL PANELS

Standard Size | Designer | Laser Cut |
Printed Panel



FALSE CEILINGS

Baffles | Ceiling Tiles | Floats | Cell Ceiling



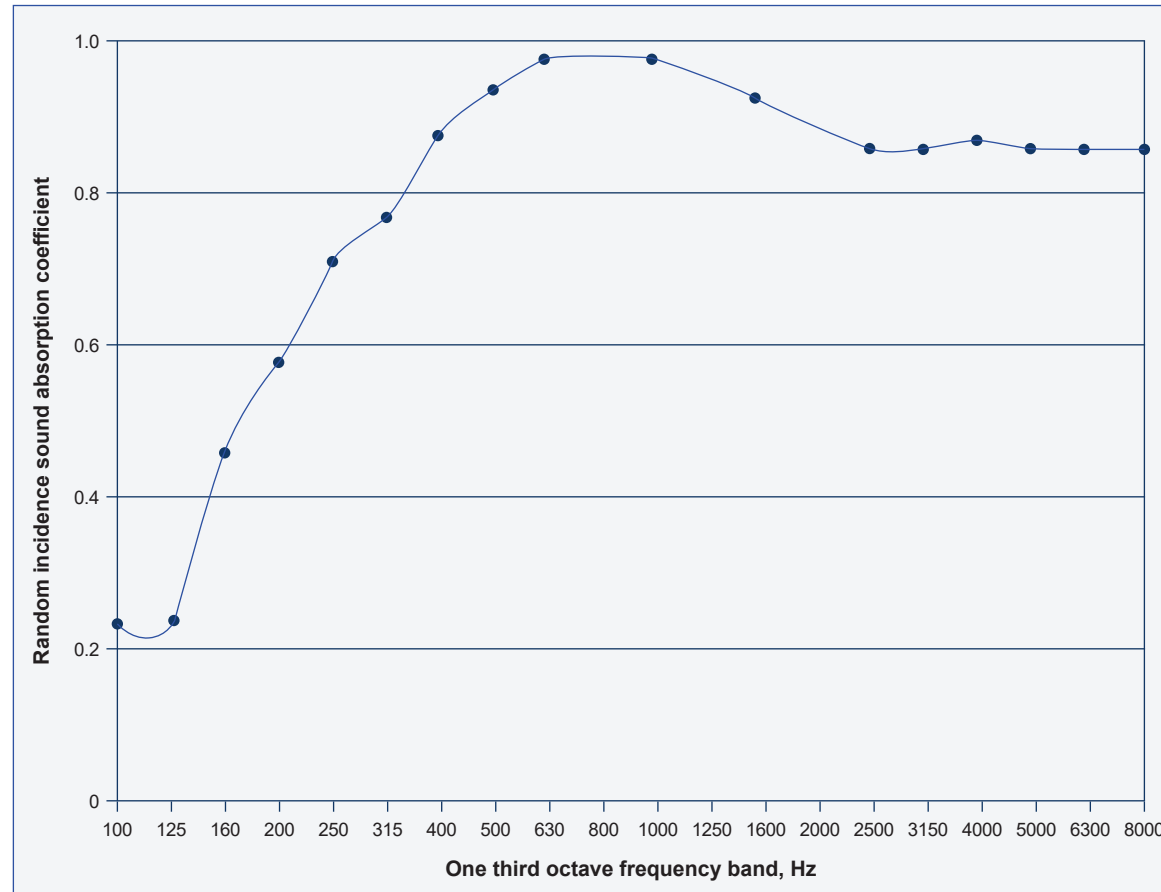
PARTITIONS

Acoustic Dividers

Sound Absorption Performance

Table 1 and Figure 2: Values and Plot for Random incidence sound absorption coefficient of Acoustic Non-woven Polyester Fibre panels of 180 kg/m³ density and 10 mm thickness with 50 mm air gap filled with 800 GSM and 45 mm polyester wadding at one third octave frequencies

One Third Octave Frequency, Hz	Random Incidence Sound Absorption Coefficient	Standard Deviation
100	0.22	0.02
125	0.23	0.04
160	0.46	0.04
200	0.58	0.04
250	0.71	0.02
315	0.77	0.03
400	0.88	0.03
500	0.94	0.04
630	0.98	0.03
800	0.97	0.03
1000	0.98	0.01
1250	0.95	0.01
1600	0.93	0.02
2000	0.87	0.01
2500	0.86	0.01
3150	0.86	0.00
4000	0.87	0.01
5000	0.86	0.01
6300	0.86	0.02
8000	0.86	0.03

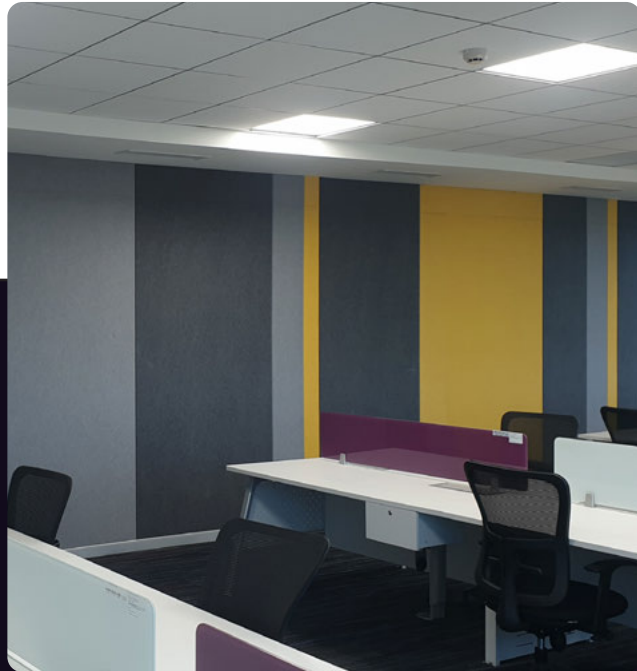


Note: (Measurement uncertainty for Random Incidence sound absorption coefficient evaluation is $\pm 4.23\%$ at 95.45% confidence level and $k = 2$ In the frequency range 125 Hz to 5000 Hz)

ACOUSTIC SOLUTIONS

Wall Panel - Designer

Acoustic Panels can be cut into any desired shape since it is a homogeneous product and easy to cut with a sharp blade.



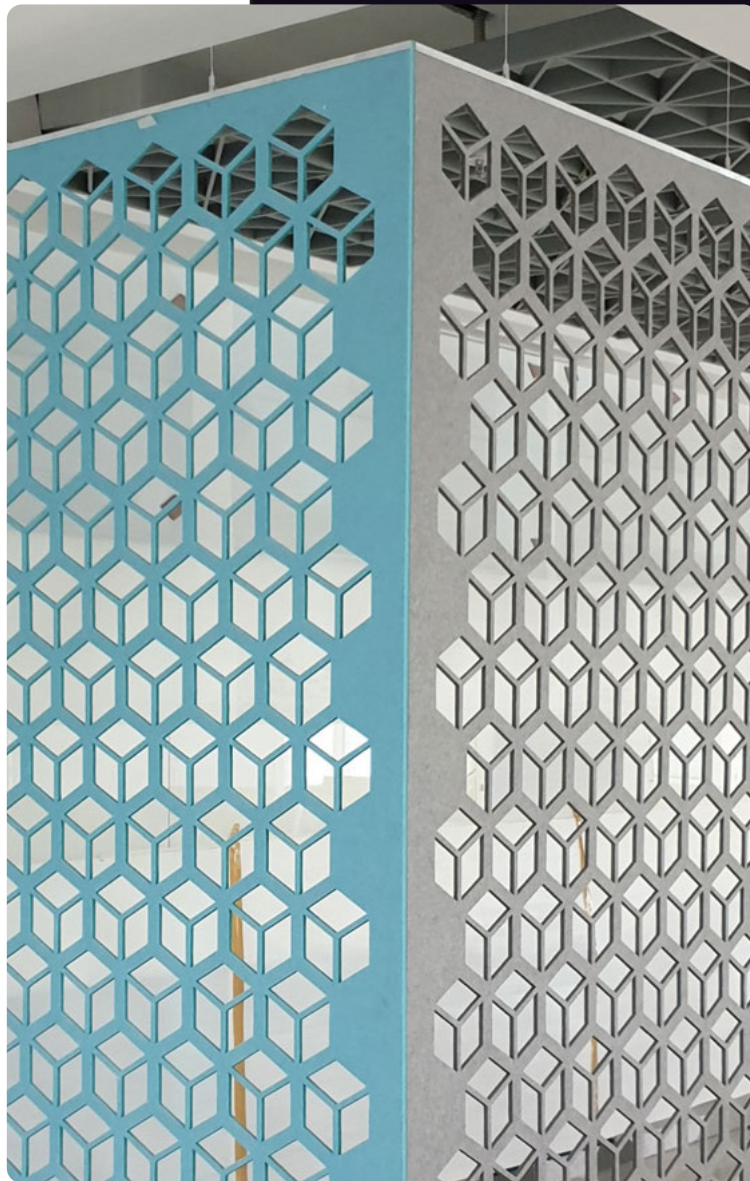
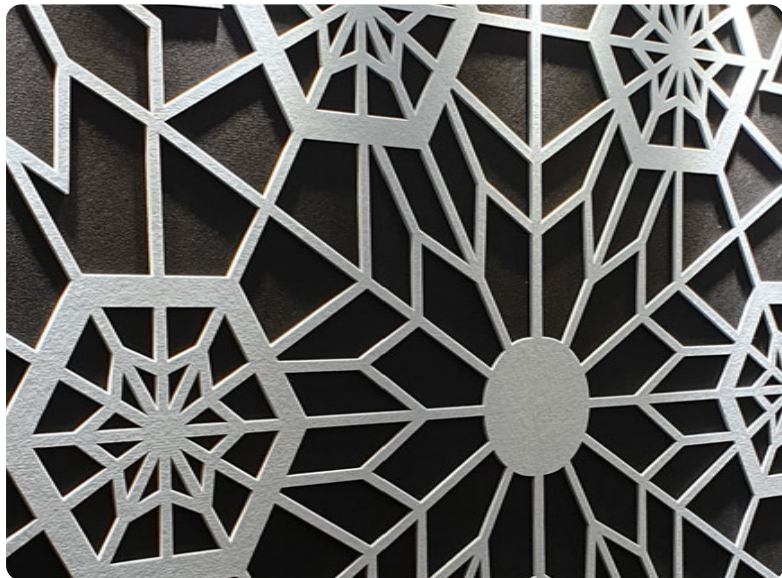
RECTANGULAR PANELS



HEXAGONAL PANELS



MULTI-COLOUR



ACOUSTIC SOLUTIONS

Laser-cut Panels

Acoustic Panels can be laser cut to any design

STANDARD SIZE:

1200 x 2400mm



ACOUSTIC SOLUTIONS

Printed Panels





ACOUSTIC SOLUTIONS

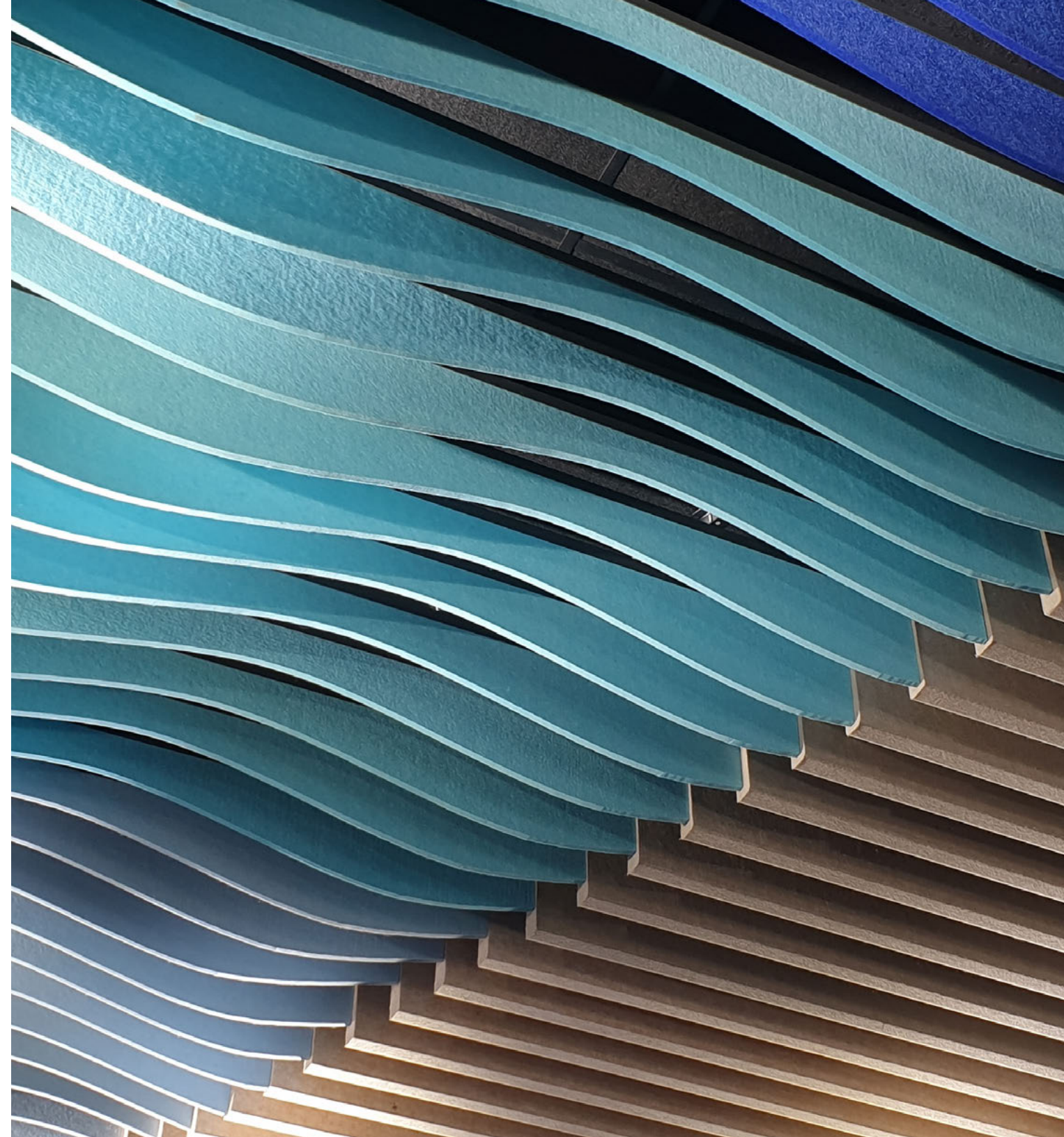
Acoustic Baffles

- Custom made as per requirement
- High acoustic performance
- Areas of application – cafeteria, open spaces, lobbies, etc.

ACOUSTIC SOLUTIONS

Acoustic Baffles - Wavy

- Custom made as per requirement
- High acoustic performance
- Areas of application – cafeteria, open spaces, lobbies, etc.



ACOUSTIC SOLUTIONS

Acoustic Baffles - Tapered

- Custom made as per requirement
- High acoustic performance
- Areas of application – cafeteria, open spaces, lobbies, etc.



ACOUSTIC SOLUTIONS

Acoustic Baffles - Circular

- Custom made as per requirement
- High acoustic performance
- Areas of application – cafeteria, open spaces, lobbies, etc.



ACOUSTIC SOLUTIONS

Ceiling Tiles

T-GRID SYSTEM

- Available in multiple colours
- Also available in T-grid color to match the preferred shade.

FIXED ON GYPSUM CEILING/FRAMING

- Can be pasted directly on gypsum ceiling or wooden framing on ceiling.

STANDARD SIZE:

595 x 595mm

295 x 1195mm

595 x 1195mm



ACOUSTIC SOLUTIONS

Floats

Available in square, hexagon, rectangle, circle, triangle and custom made shapes.

STANDARD SIZE:

1200 x 1200mm (can be customised)



ACOUSTIC SOLUTIONS

Cell Ceiling



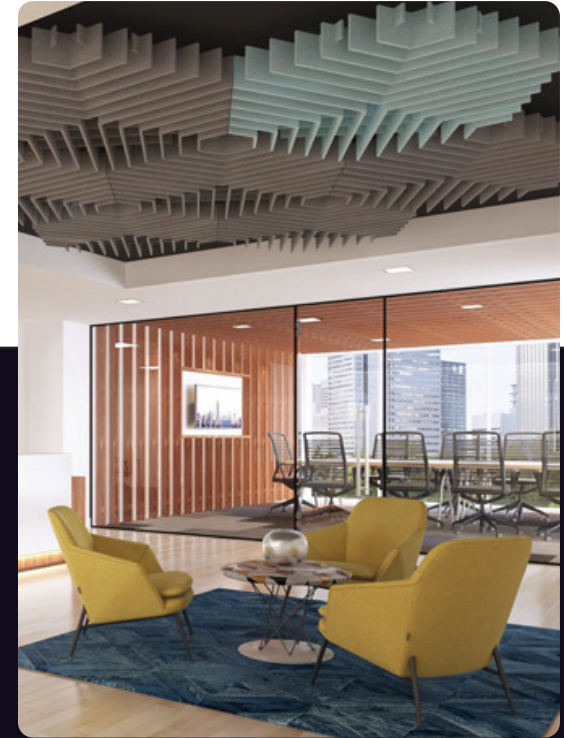
LINEAR



WAVY



TILTED



HIVE

ACOUSTIC SOLUTIONS

Sound Clouds



ACOUSTIC SOLUTIONS

Screens

Available in various patterns, laser cut according to your preferred design.

STANDARD SIZE:
1200 x 2400mm (can be customised)





CONFERENCE ROOMS



OFFICES



CAFETERIA

ELITE OFFICE
FURNITURE

PH 1300 686 666

hello@eliteofficefurniture.com.au

eliteofficefurniture.com.au