

# ACOUSTIC SOLUTIONS ▶

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## Enter Title copy

Deco Sound is founded by a dynamic, creative, experienced and responsible team, Everyone in the team is committed to providing our customers with the best products and services, as our name DECO SOUND, we focus on manufacturing best quality acoustic panels to our clients in their interior decoration.

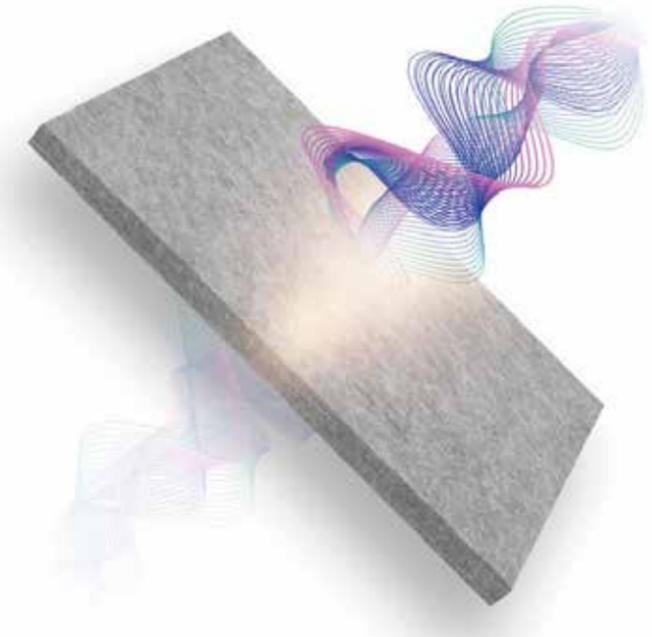
We design, manufacture, and deliver, products that transform our clients thinking; are globally recognised for their quality and environmental sustainability.

We are specialised in manufacturing high performance poly acoustic panels which made from recycled PET bottles, our acoustic panels are a direct response to ecological sustainability and environmental quality requirements facing contemporary interior design and fit out.

Our poly acoustic panels are produced from recycled PET, and for the completed acoustic panels, it is also full recyclable, we can cut the panels with CNC-cutter and UV print on the surface, it is fire resistant in light weight, impact resistant, tackable, easy to install, most important is with high acoustic performance.

In Deco sound, we create high quality, aesthetically designed and innovative acoustic solutions to help overcome a range of noise related challenges.

We encourage to contact with us today to discuss about how our deco sound acoustic panels work with your demand.thank you.come on friends.



## **WHAT ARE Deco sound® ACOUSTIC SOLUTIONS?**

Acoustic panel is made from 100% PET, by needle punching processing. The production process is completely physical & eco-friendly, no waste water, emissions, waste,, no adhesive, The porous nature of acoustic panel makes it sound absorptive & thermal insulative.

To ensure the flame retardant effect of acoustic panel, DOCE SOUND use flame-retardant fiber as raw material, fire retardant reaches class A.

As the substrate of acoustic carving panel, print panel, embossed tiles, hanging ceilings, screens, room partitions, workstations.

We provide high performance acoustic absorbers for offices,retail/estaurants,hotels,gyms,etc. To improve speech intelligibility,wellbeing,concentration and performance.

Our products more eco-friendly,robust,light and flexible in its application than any other comparable products.Also could provide you fully customized solution tailored to your project.

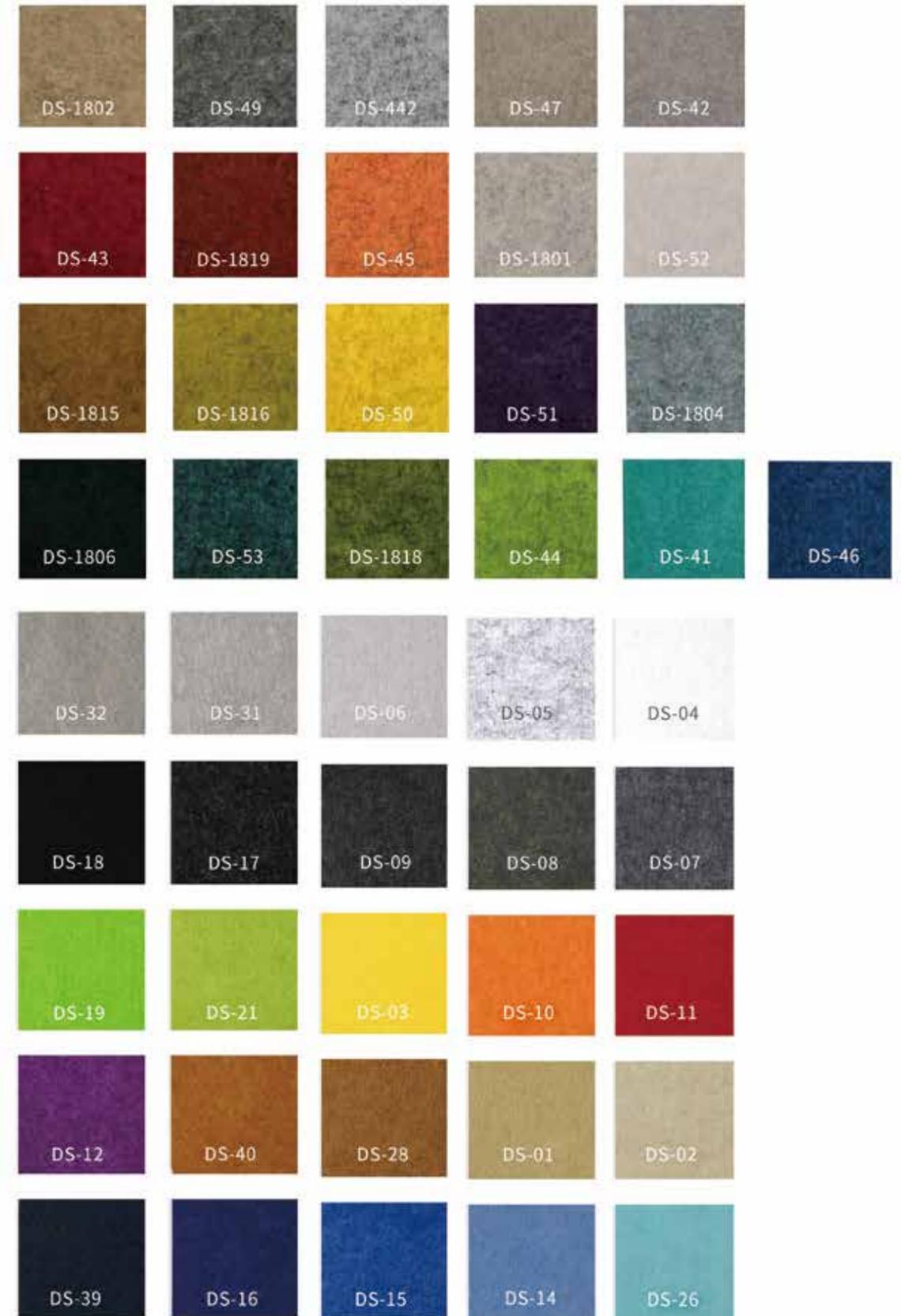
## ECO-FRIENDLY PROCESSING

1. Soft drink and detergent bottles made from PET identified by ♻️ are collected from consumers
2. Contaminants like lids and sticky labels are removed. Bottles are chipped into tiny pellets.
3. Pellets are washed and sanitised.
4. Pellets and colour are fed into a hopper. A heater at the base of the hopper melts the pellets to form a free flowing resin.
5. Resin is pumped through a sophisticated shower-rose device, known as a spinneret.
6. Cold air fans set the fine fibres extruded from the spinneret.
7. Fibres are drawn and cut and are blended into a web.
8. Web is compressed and cut ready for use

### Product Parameter

COMPOSITION:	100%PET (60% Recycled)
PANEL DIMENSIONS:	2440mm (+/-2mm) × 1220mm (+/-2mm)
DENSITY:	1.5~4.0KG/SQM
THICKNESS:	7mm~25mm (+/-7%)
FIRE TEST:	ASTM E84 CLASS A ISO 9705: Group 1 BS EN 13501.1: Classification B-s1, d0
SOUND ABSORPTION:	NRC Value: 0.35 (with no air gap) NRC Value: 0.55 (with 20mm air gap) NRC Value: 0.75 (with 50mm air gap)

## COLOR GUIDE





PRODUCT NAME: PARTITION  
 DESIGN: ENGRAVE ANY DESIGN OR CUSTOMIZED  
 THICKNESS: 12MM-30MM  
 SIZE: WITHIN 1220\*2440MM  
 MATERIAL: 100% POLYESTER FIBER(PET)  
 PRODUCER: DECO SOUND



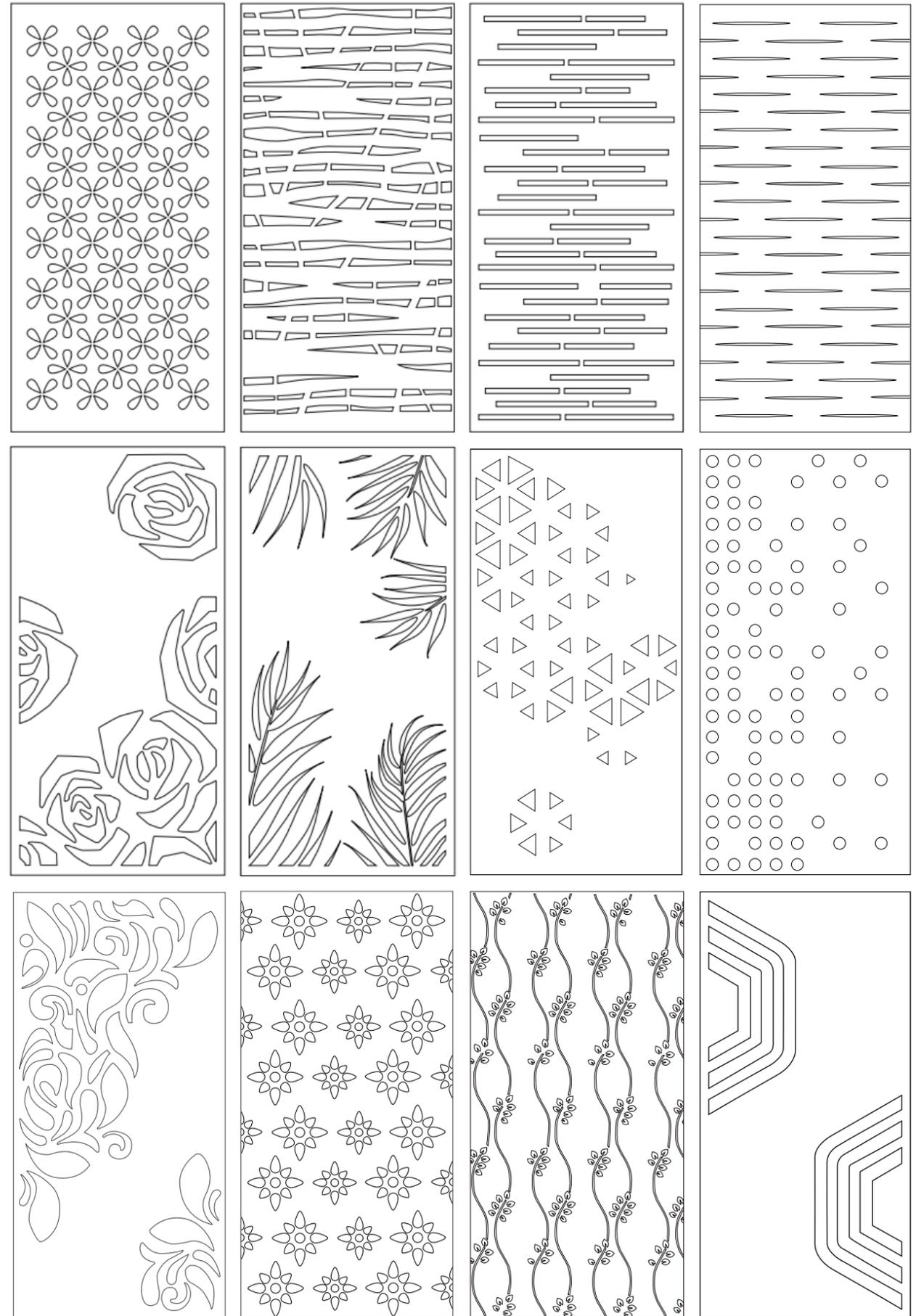
### Acoustic Hanging Partitions Decorate in Working Area

Acoustic Hanging Partitions Decorate in Working Area is designed to be compatible with 12mm and 24mm and 30mm Exposed Tee grid systems



### Product Description

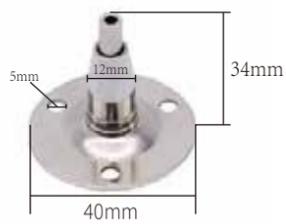
Acoustic Hanging Partitions Decorate in Working Area is designed to be compatible with 12mm and 24mm and 30mm Exposed Tee grid systems. Ensure the baffle is suitable for your selected system and either 12mm or 24mm or 30mm grid size must be specified prior to ordering. can be cut on site to accommodate for new and existing lighting and fixtures. When cutting use a new blade for each cut and ensure the area to be cut is fully supported throughout



**Disc code**



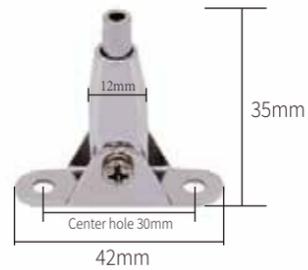
Suitable for 1.5mm wire rope



**Activity code**



Suitable for 1.5mm wire rope



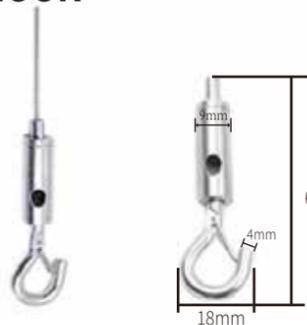
**Direct hanging code**



Suitable for 1.5mm wire rope



**Lock hook**



Suitable for 1.5mm wire rope



**Round single hole Aluminum clip**



Suitable for 1.5mm wire rope



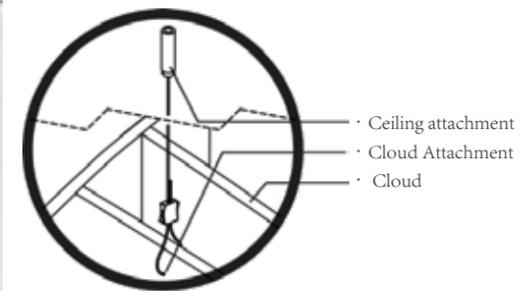
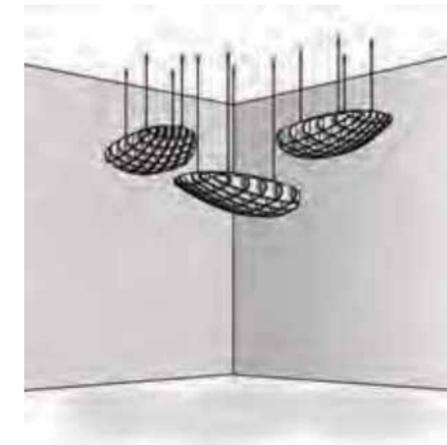
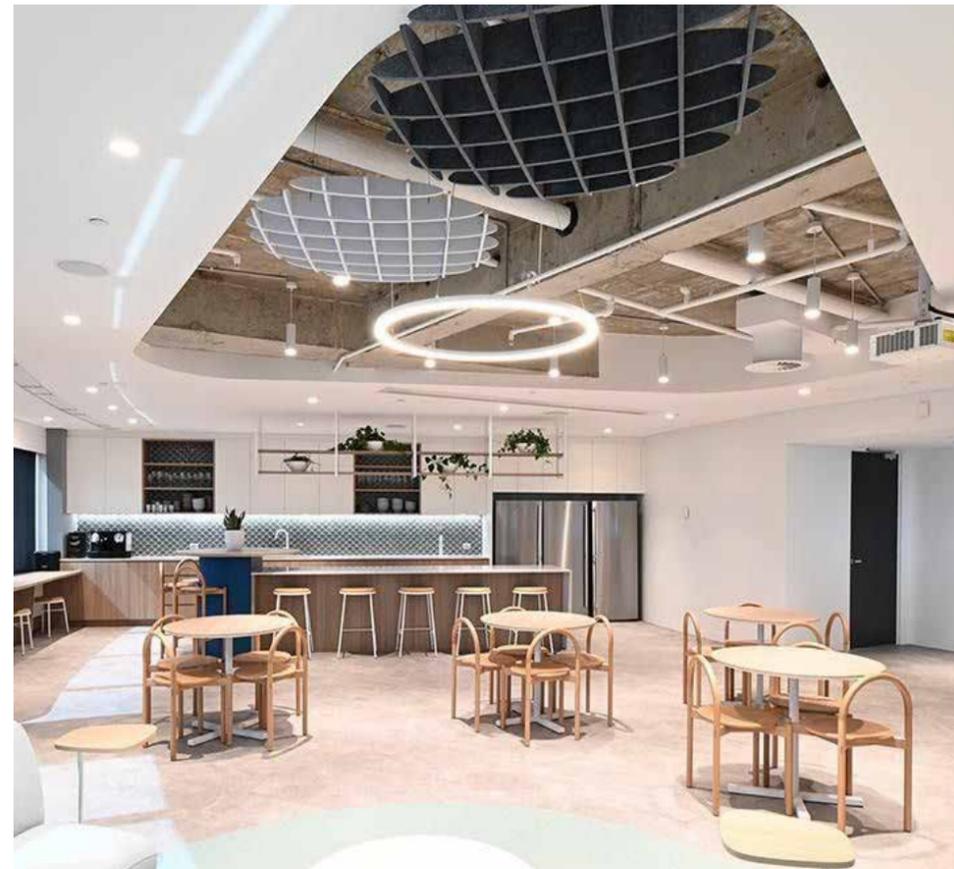
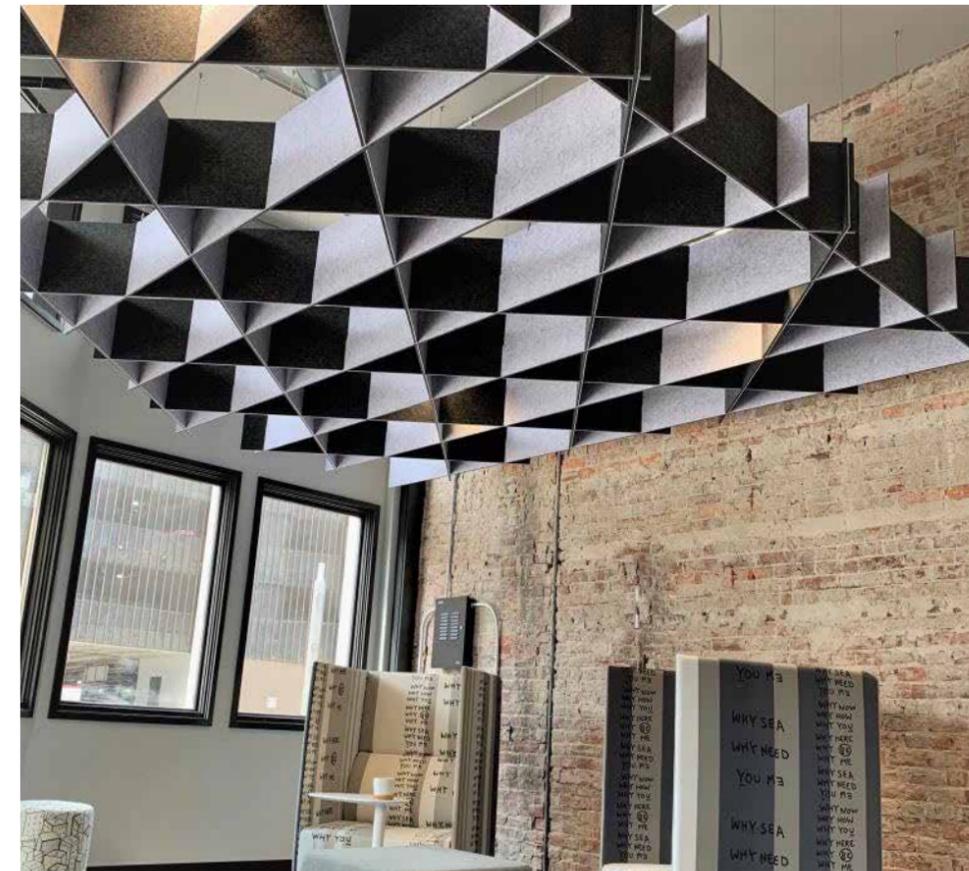
Diameter 12mm

Aperture 5mm



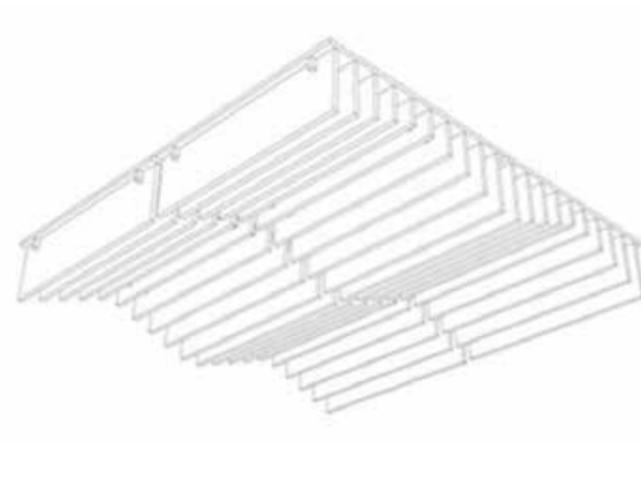
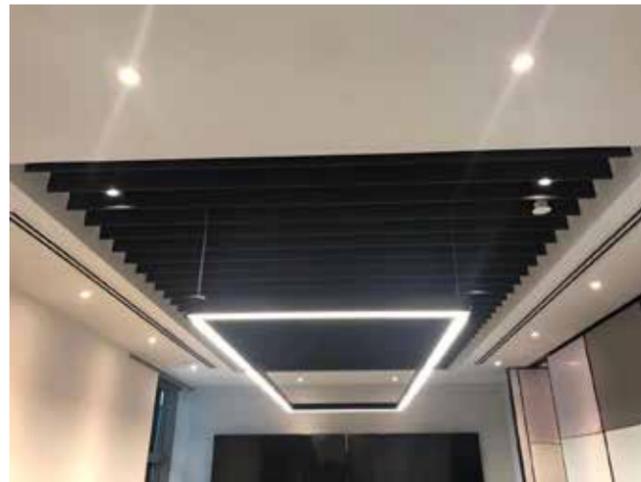
### Acoustic Ceiling Baffle in Working Space

Acoustic ceiling cloud in Working space is designed to be compatible with 12mm and 24mm and 30mm Exposed Tee grid systems..



### Acoustic Ceiling Cloud in Working Space

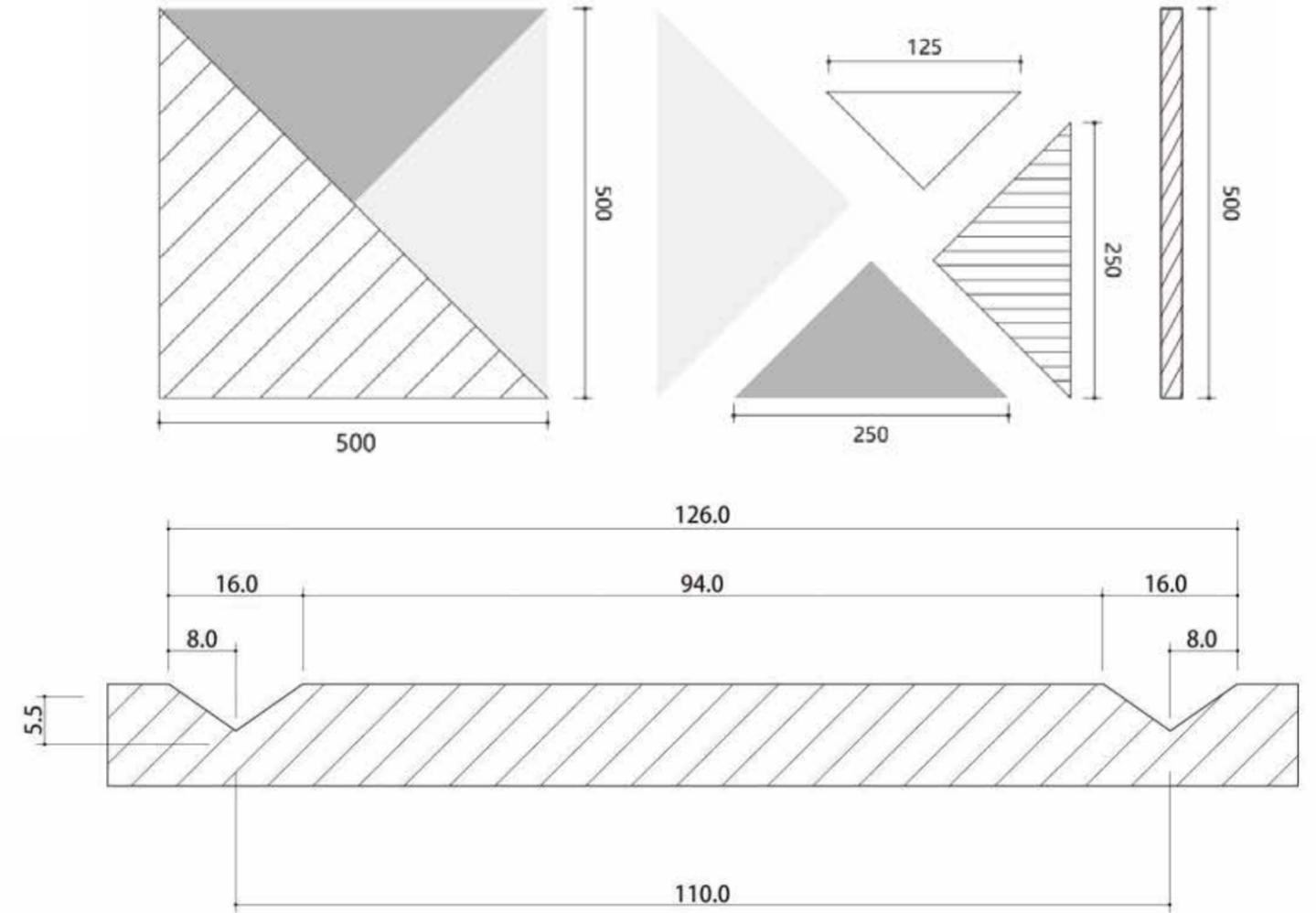
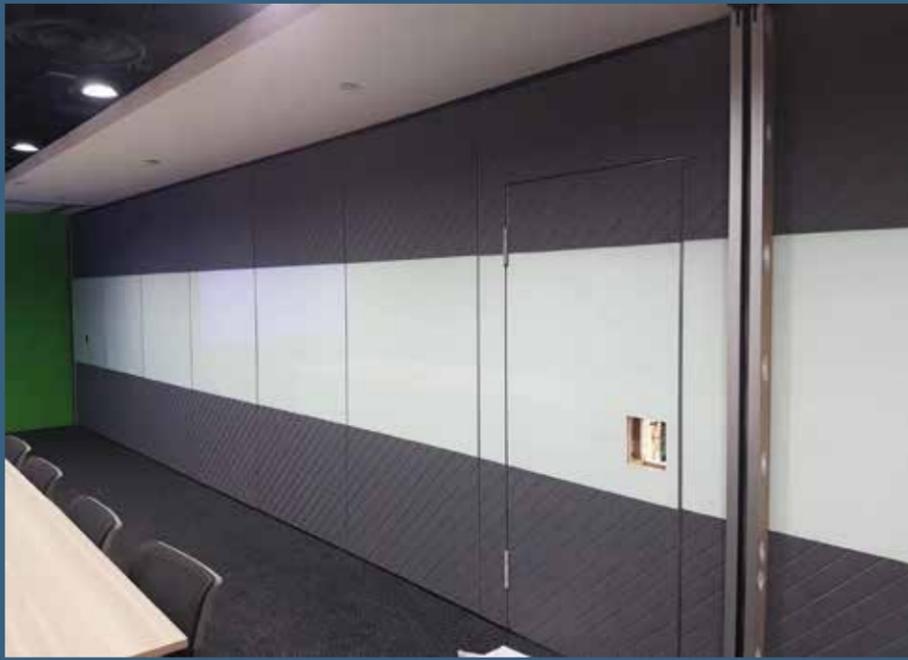
Acoustic ceiling cloud in Working space is designed to be compatible with 12mm and 24mm and 30mm Exposed Tee grid systems.



## Product Description

Acoustic ceiling baffle in Working space is designed to be compatible with 12mm and 24mm and 30mm Exposed Tee grid systems. Ensure the baffle is suitable for your selected system and either 12mm or 24mm or 30mm grid size must be specified prior to ordering. can be cut on site to accommodate for new and existing lighting and fixtures. When cutting use a new blade for each cut and ensure the area to be cut is fully supported throughout



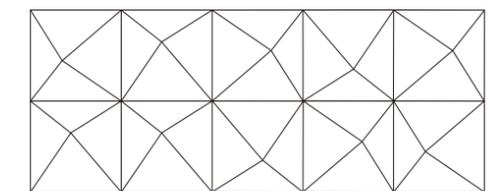
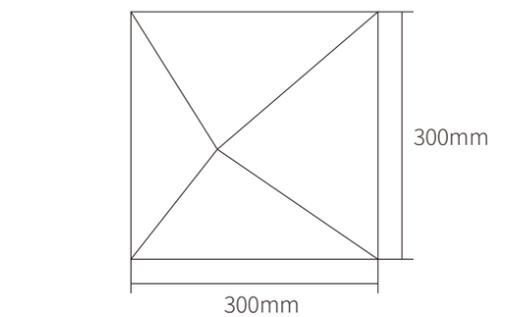
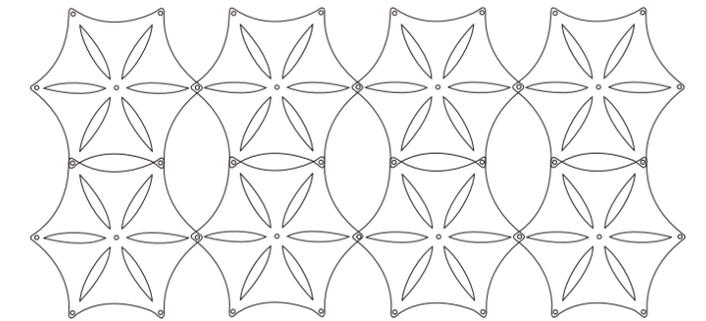
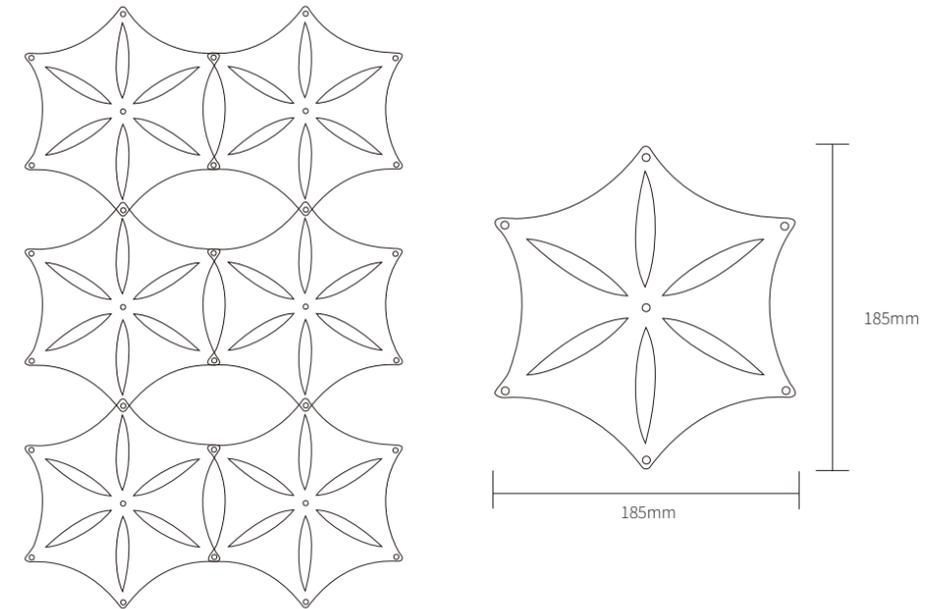
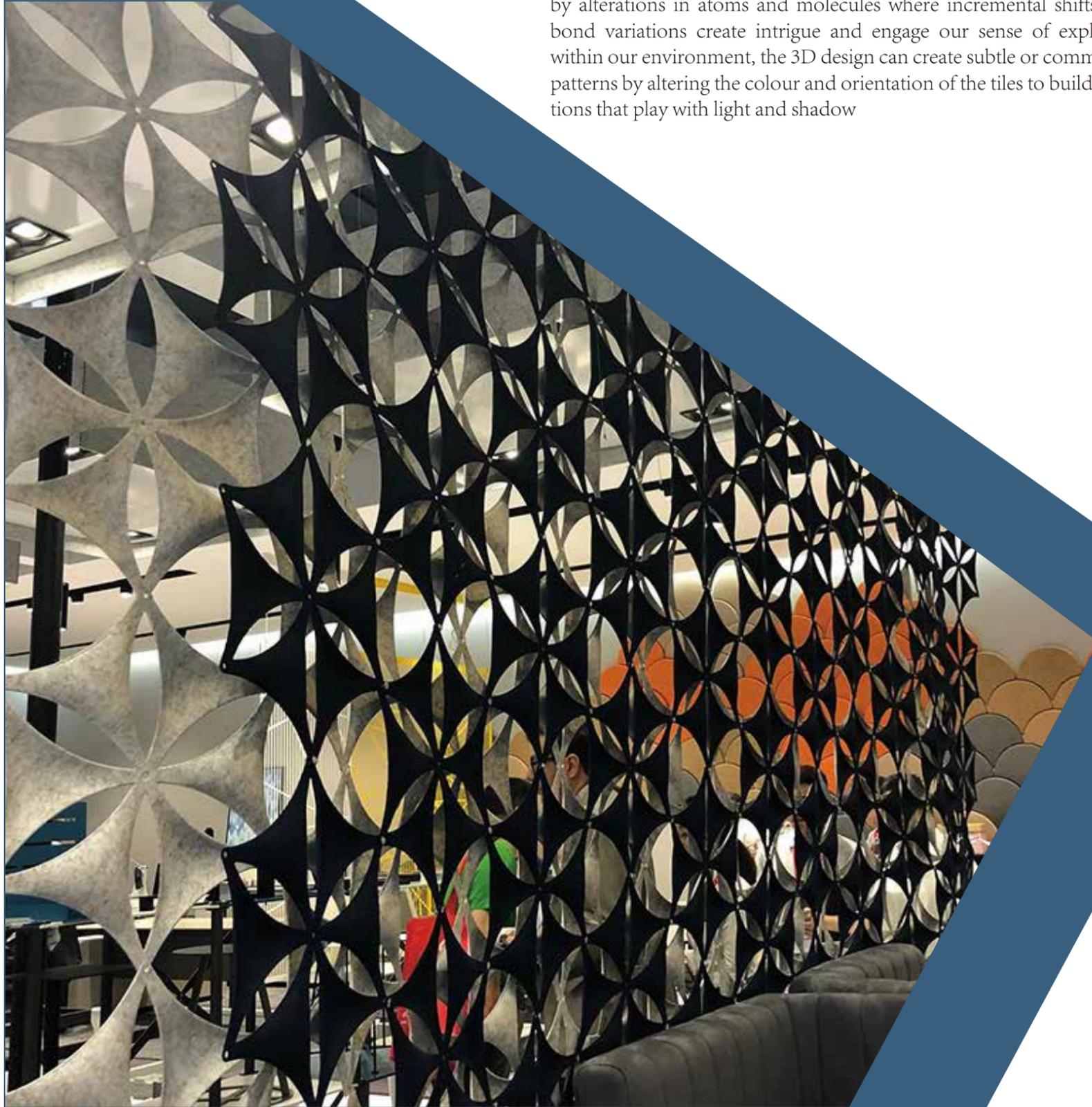


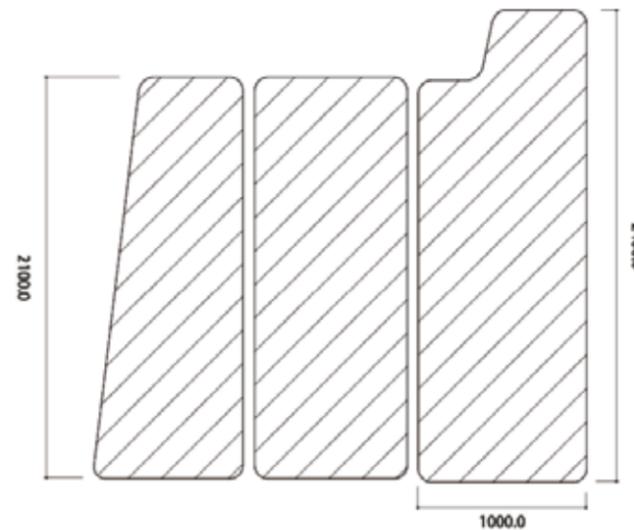
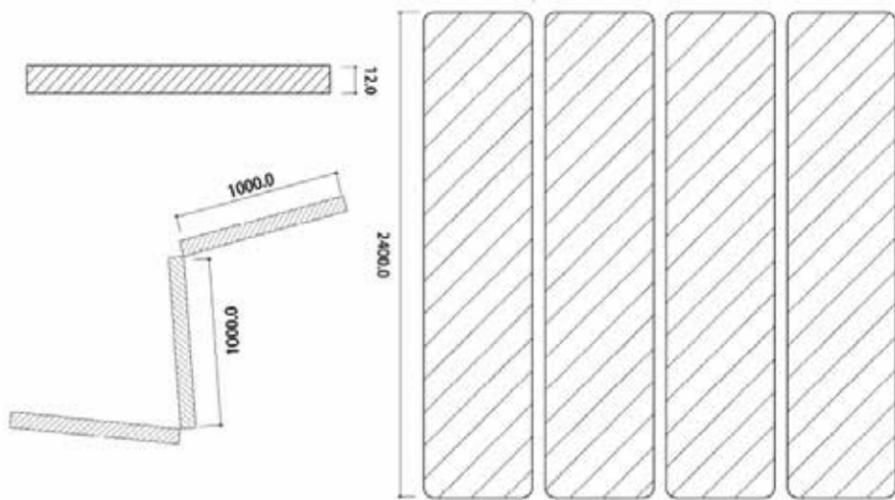
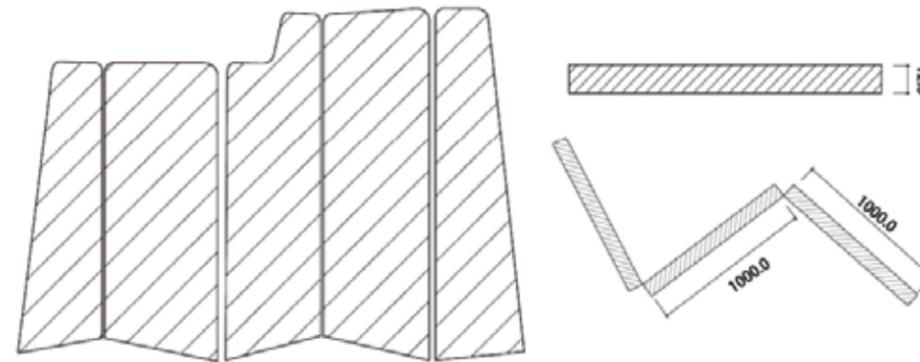
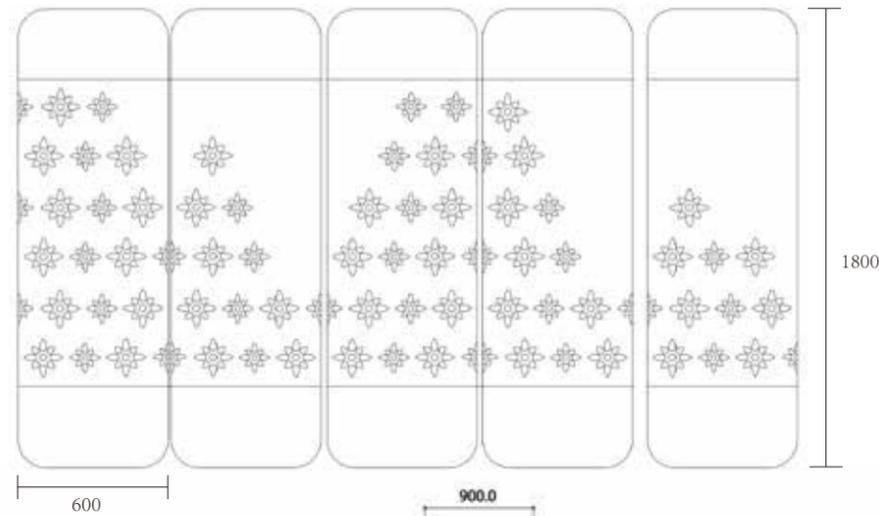
### Acoustic V Groove Wall Panel

Acoustic V Groove wall Panel is cutted by CNC michine to create a 45 degree / 90 degree Groove on the surface of the PET acoustic panel. the sheet size can be customized by customer. it is widely used as wall panels in wall space

### 3D Title Acoustic Wall Panel

3D title Acoustic wall Panel is an award-winning timeless design, inspired by alterations in atoms and molecules where incremental shifts in the bond variations create intrigue and engage our sense of exploration within our environment, the 3D design can create subtle or commanding patterns by altering the colour and orientation of the tiles to build formations that play with light and shadow





### Acoustic Free Standing Dividers

Acoustic Free standing dividers Space-DELINEATION FEATURES FOR ORGANISING THE OPEN-PLAN AREA WHERE ACOUSTICS OR ADDED PRIVACY IS REQUIRED, we have Various of designs for divider panels,it can cutted by different paterrens which used in public space,and various of applications in working space.

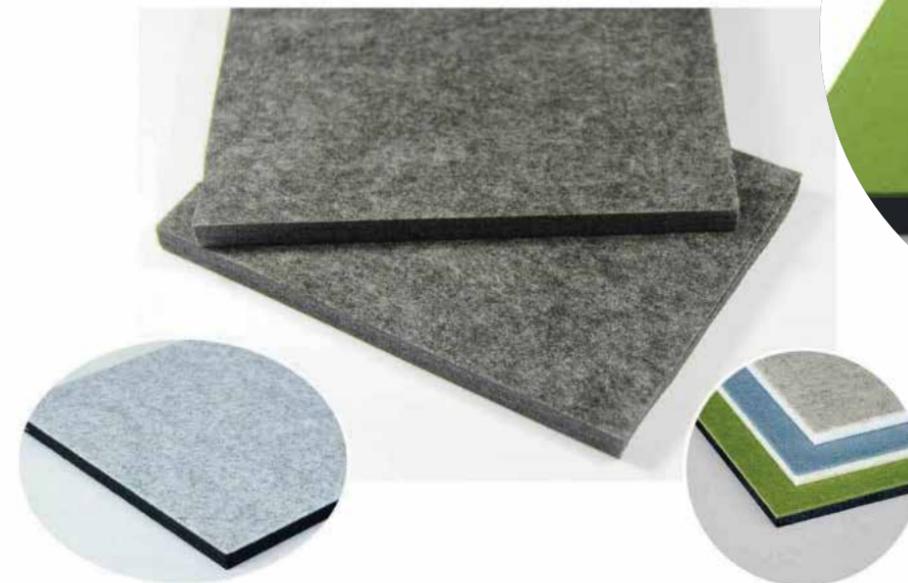
### Custom-designed Colorful Acoustic Felt

Custom-designed colorful acoustic felt is A textile from TH Acoustic, a sophisticated and intelligent collection of acoustic panels, compared with regular panel, it is soft and colors looks more solid, a good option for wall covering and acoustic.



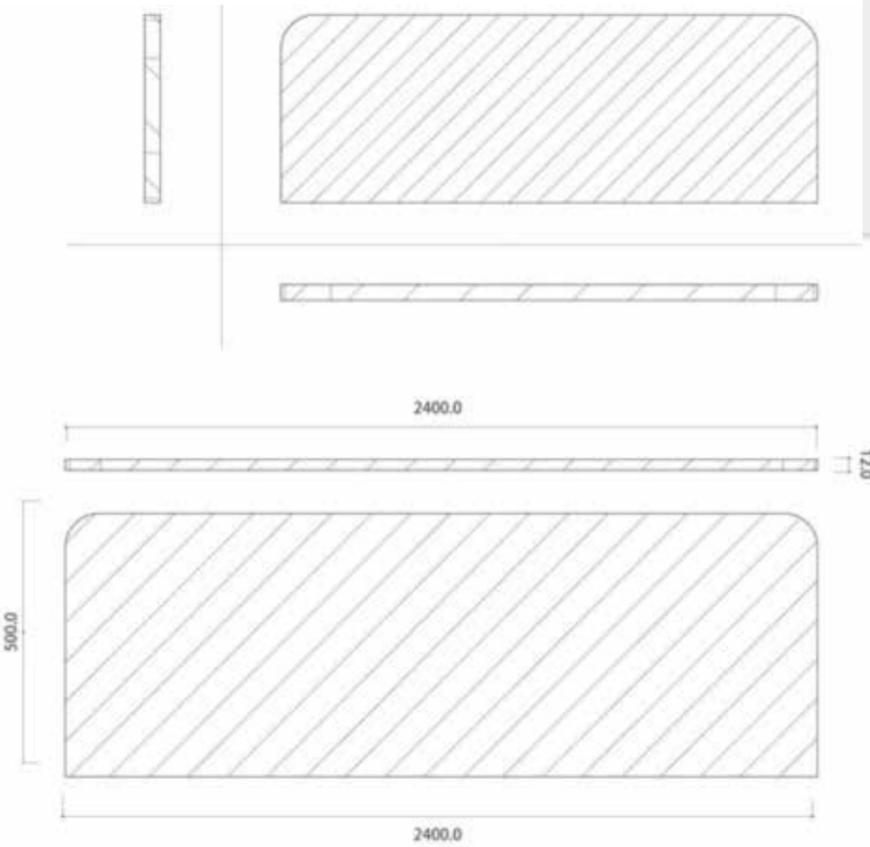
### Creative Designed Printing Acoustic Felt

Creative designed Printing acoustic felt is Printed on solid color acoustic felt, which is A felt textile from TH Acoustic, a sophisticated and intelligent collection of acoustic panels, compared with wall paper, the printing felt has better acoustic performance and no harmful to human.



### Acoustic Felt Top with Acoustic Panel

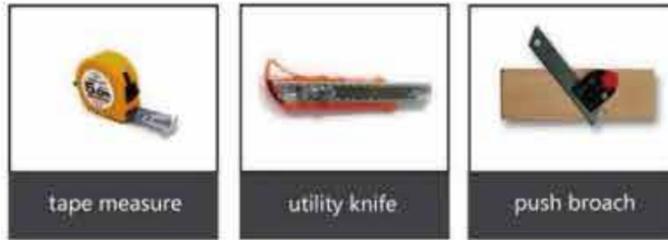
Designed acoustic felt top with acoustic base panel is Elegant acoustic panels with a white or black core detail that are available in three sound absorbing thicknesses, 9mm, 12mm and high-performing 25mm, the top layer is plain color felt paste with base panel.



**Acoustic Desk Screen**

Acoustic desk screen is AWARD-WINNING ECHOPANEL ® DESIGNS & TEXTILES OFFERING BEAUTIFUL DESIGNS FOR WORKSTATIONS, it is a creative decoration which used on the working stations

► Preparation : tools



► 1. Clean wall surface, lightly mark wall to indicate level hanging position

① leveling & measuring



② lightly mark wall to indicate level hanging position



► Cutting

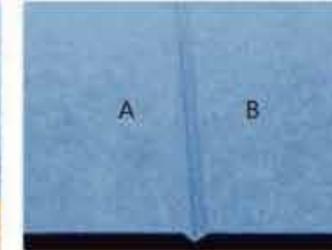
③ After cutting



④ Chamfer 45 degree bevel edge for side "A" by chamfering tool



⑤ Same way to chamfer side "B" edge



⑥ After chamfering



► 3. Apply adhesive to the position on the surface

Apply adhesive



► 4. Lower panel slowly to wall surface maintaining the level position until the flat panel surface makes contact with the wall surface

① Installation



② Finish



► 2. Cutting

1. Chamfering

① Cutting



② Chamfer 45 degree bevel edge by chamfering tool



Caution :

Recommend rigid steel ruler if cut by hand Recommend utility knife to avoid rough edges of the panel while cutting

2. Internal and external corners processing

① Adjust the height of the knife



② Cut 4/5 depth of the panel



Caution :

- Adhesive : white latex , general chloroprene glue, hot melt adhesive are suggested according to different wall surface.