ACOUSTICS

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ACOUSTIC SOLUTIONS



Shanghai MST Industrial Co., Ltd.

www.mstacoustics.com

+86 18635509363

sales@mstacoustics.com

Lane 355, Qinchun Road, Minhang District, Shanghai

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About MST

MST Acoustic is founded by a dynamic, creative, experienced and responsible team, Everyone in the team is committed to provid-ing our customers with the best products and services, as our name MST Acoustic, we focus on manufacturing best quality acoustic panels to our clients in their interior decora-tion.

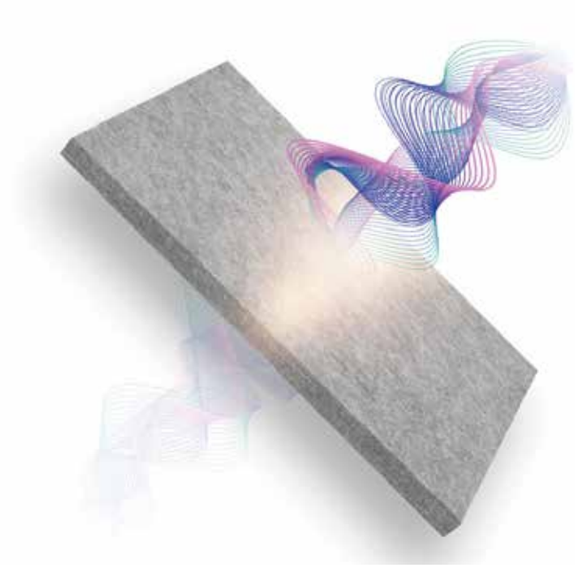
We design, manufacture, and deliver, prod-ucts that transform our clients thinking; are globally recognised for their quality and envi-ronmental sustainability.

We are speciallsed in manufacturing high per-formance poly acoustic panels which made from recycled PET bottles, our acoustic panels are a direct response to eological 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 import-ant is with high acoustic performance.

In MST Acoustic, we create high quality, aesthet-ically designed and innovative acoustic solu-tions to help overcome a range of noise related challenges.

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



What Are MST Acoustic solution?

Acoustic panel is made from 100% PET, by needle punching processing. The production process is complete-ly 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, MST Acoustic 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 perfor-mance.

Our products more eco-friendly,robust,light and flexi-ble in its application than any other comparable prod-ucts.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 o are collected from consumers

2.Contaminents 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 pellet s 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.

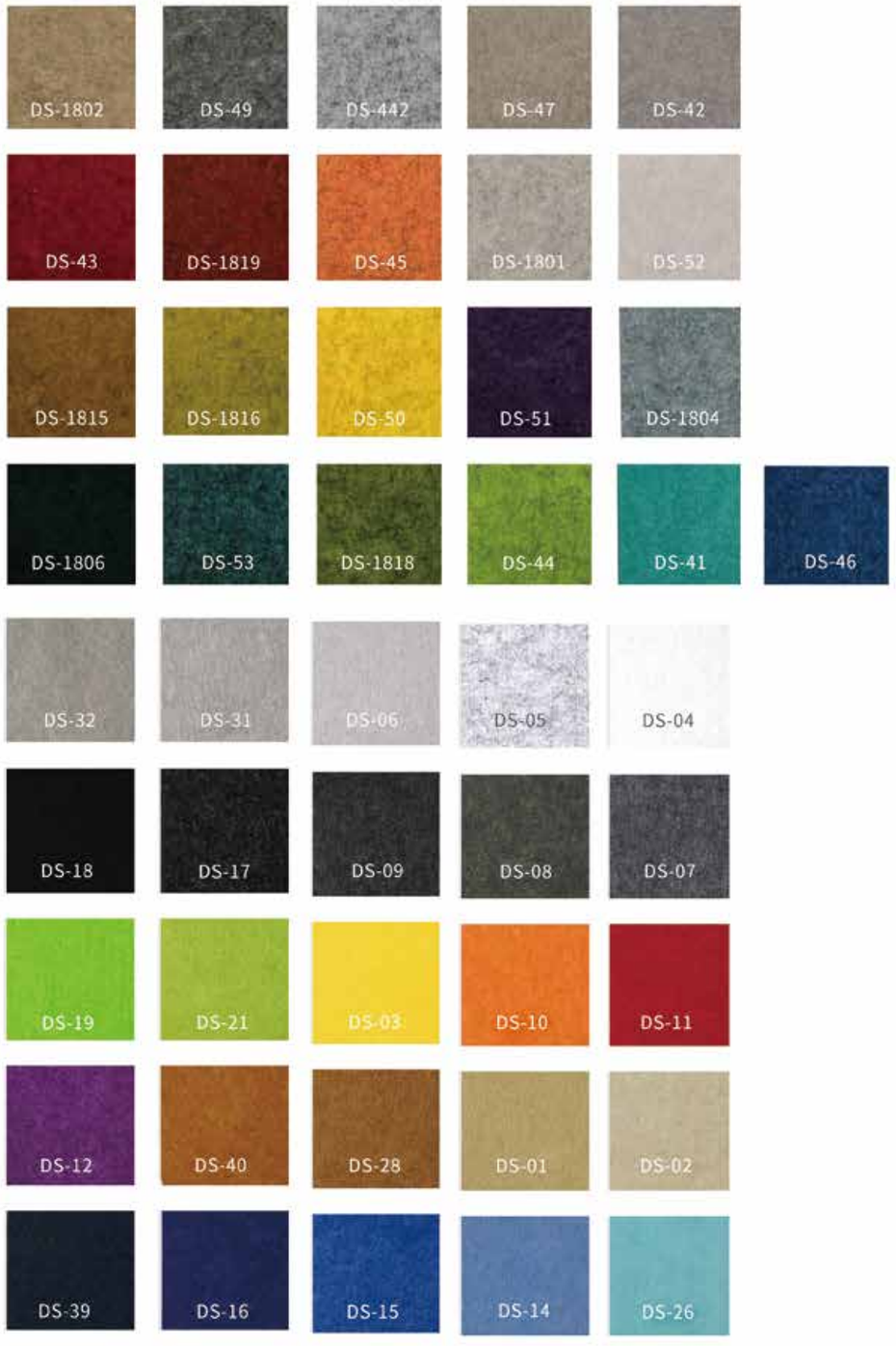
7. Fibres are drawn and cut and are blended into a web.

8. Web is compressed and cut ready for use

Product Parameter

COMPOSITION:	100%PET(60% Recycled)
PANEL DIMENSIONS:	2440mm（+/-2mm）×1220mm(+/-2m)
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













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







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

Clamp 10 mm

Lock hook

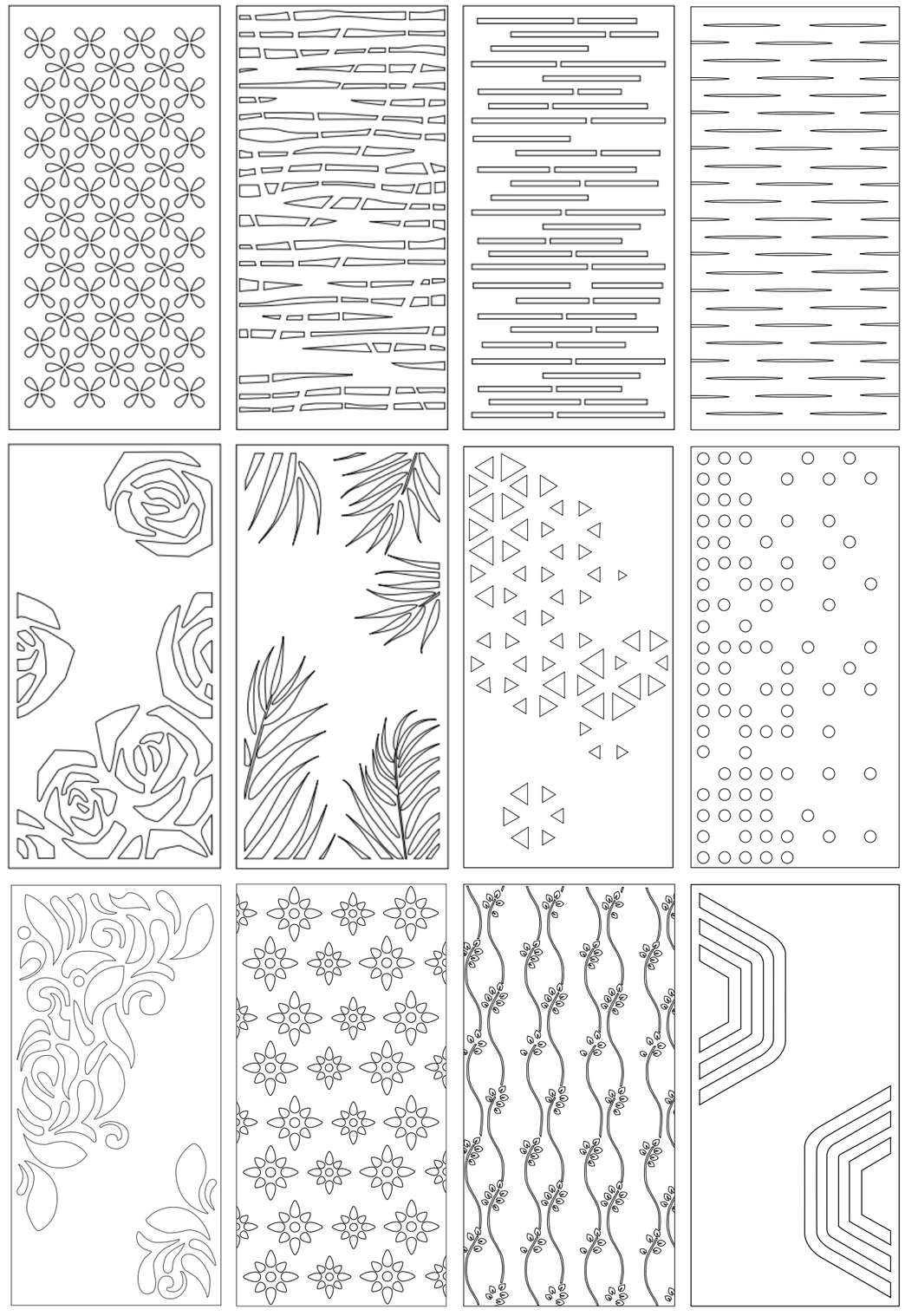


Suitable for 1.5mm wire rope

Round single hole Aluminum clip



Suitable for 1.5mm wire rope





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..







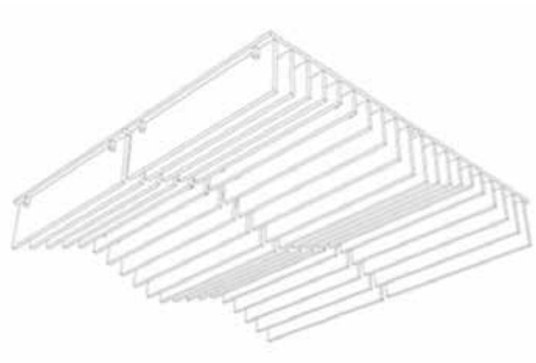
Acoustic Ceiling Cloud in Working Space

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





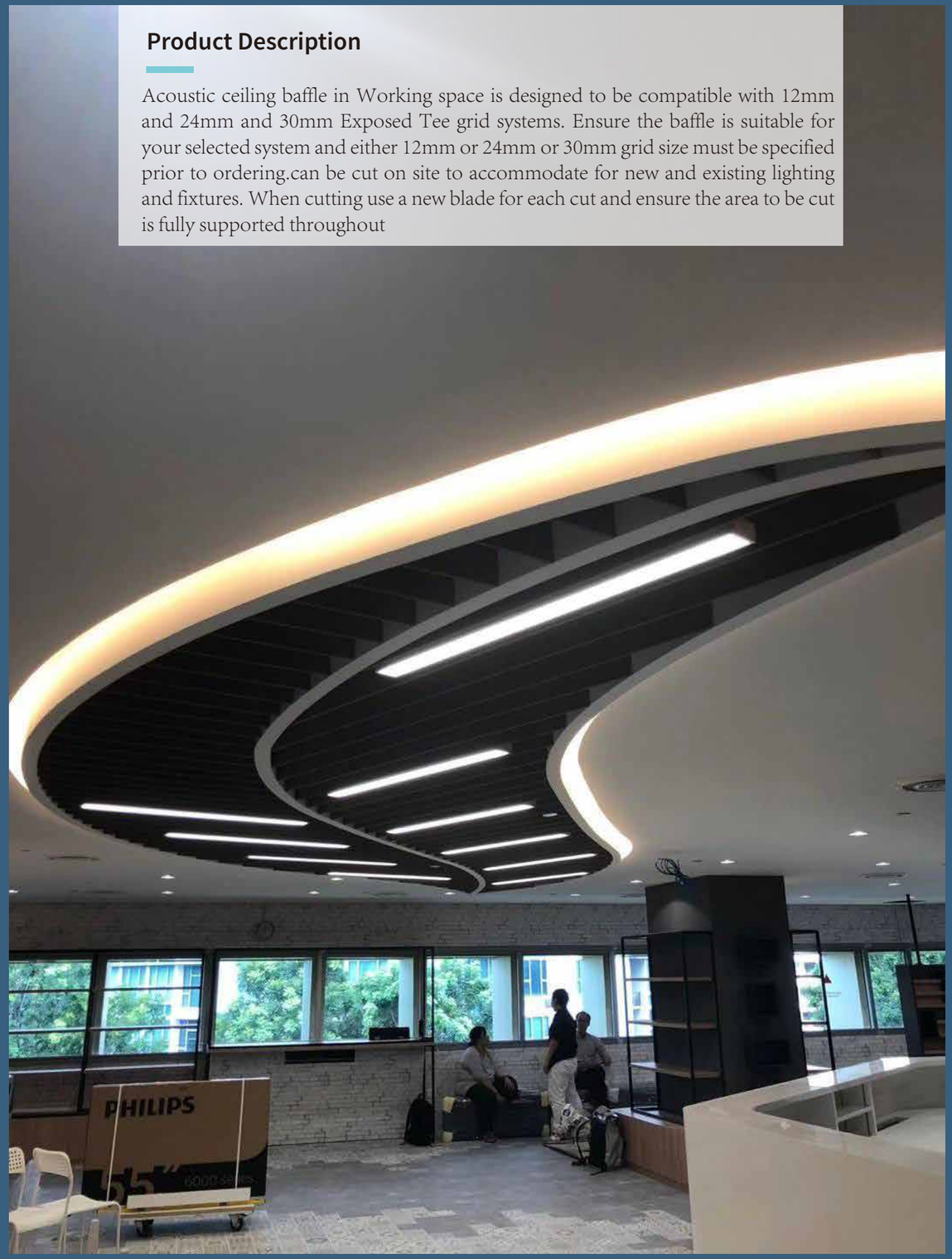






Product Description

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



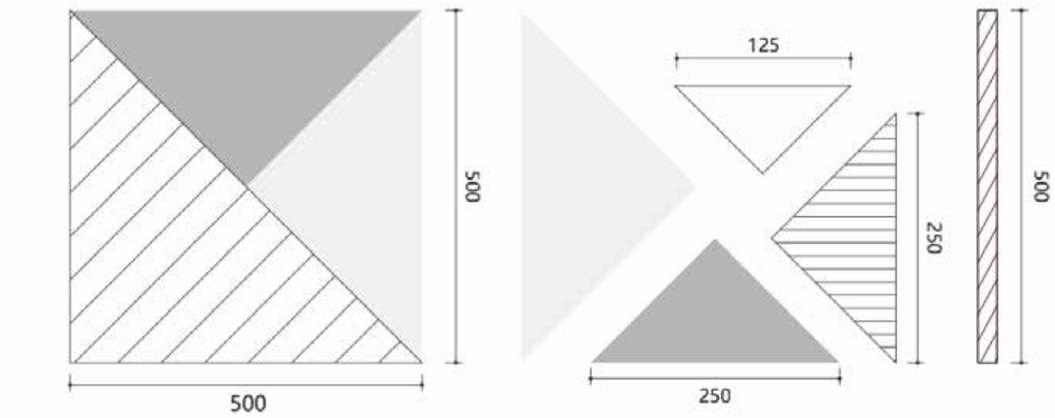


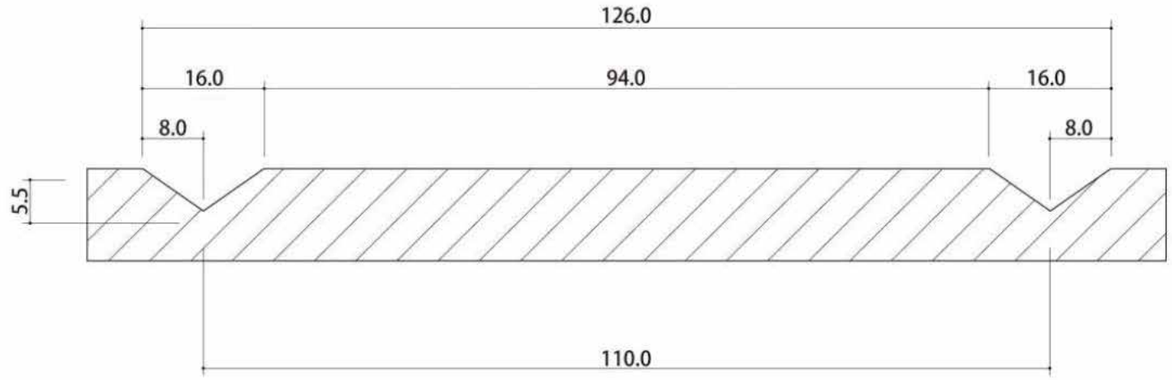














Acoustic V Groove Wall Panel

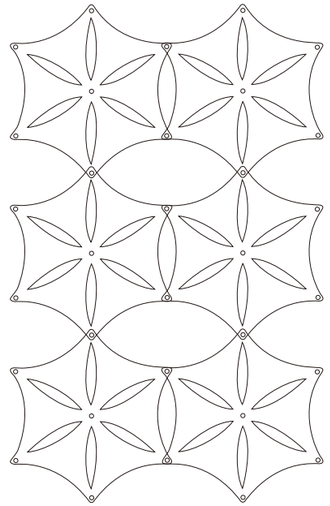
Acoustic V Groove wall Panel is cutted by CNC michine to create a 45 degree / 90 degree Groove on the surface of the PET acoustic panel. the sheet size can be customized by customer. it is widely used as wall panels in wall space

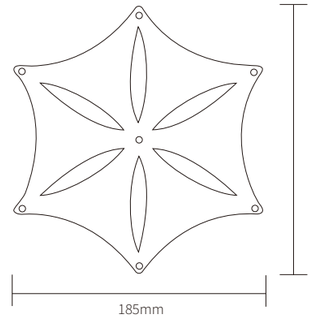
3D Title Acoustic Wall Panel

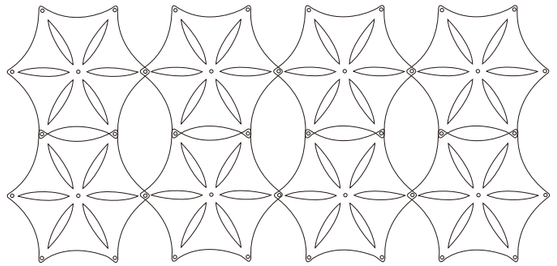
3D title Acoustic wall Panel is an award-winning timeless design, inspired by alterations in atoms and molecules where incremental shifts in the bond variations create intrigue and engage our sense of exploration within our environment, the 3D design can create subtle or commanding patterns by altering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



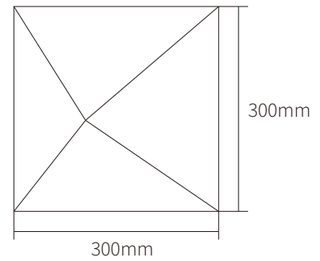


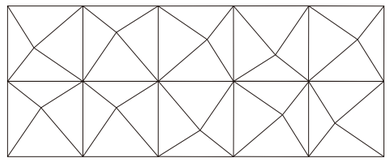










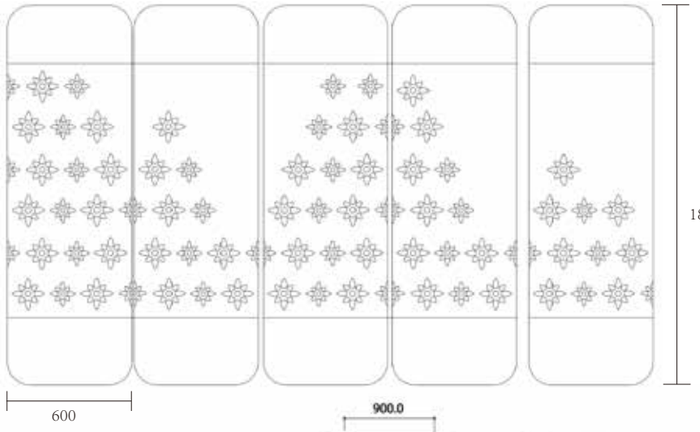


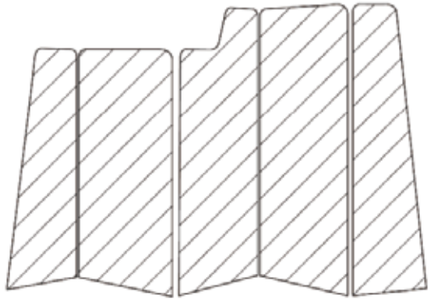


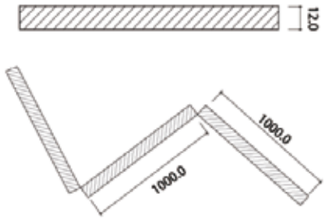


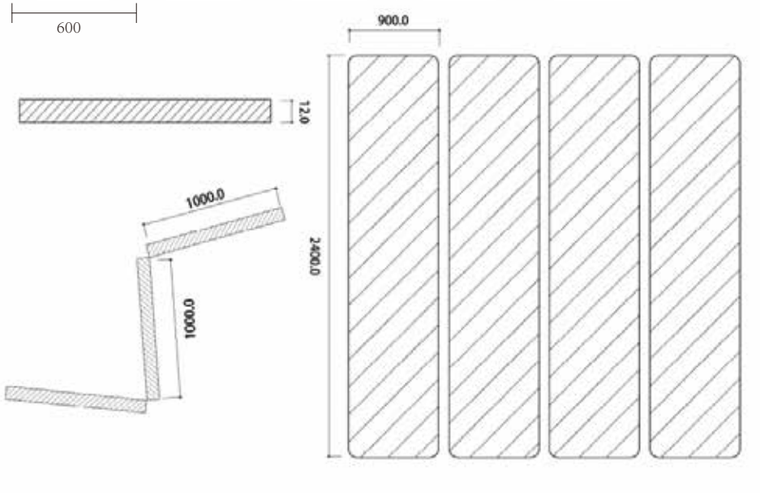


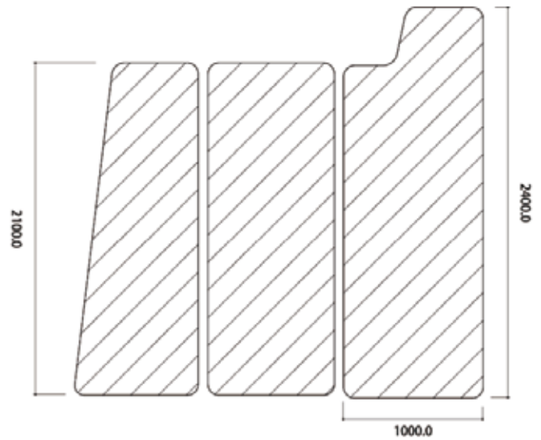








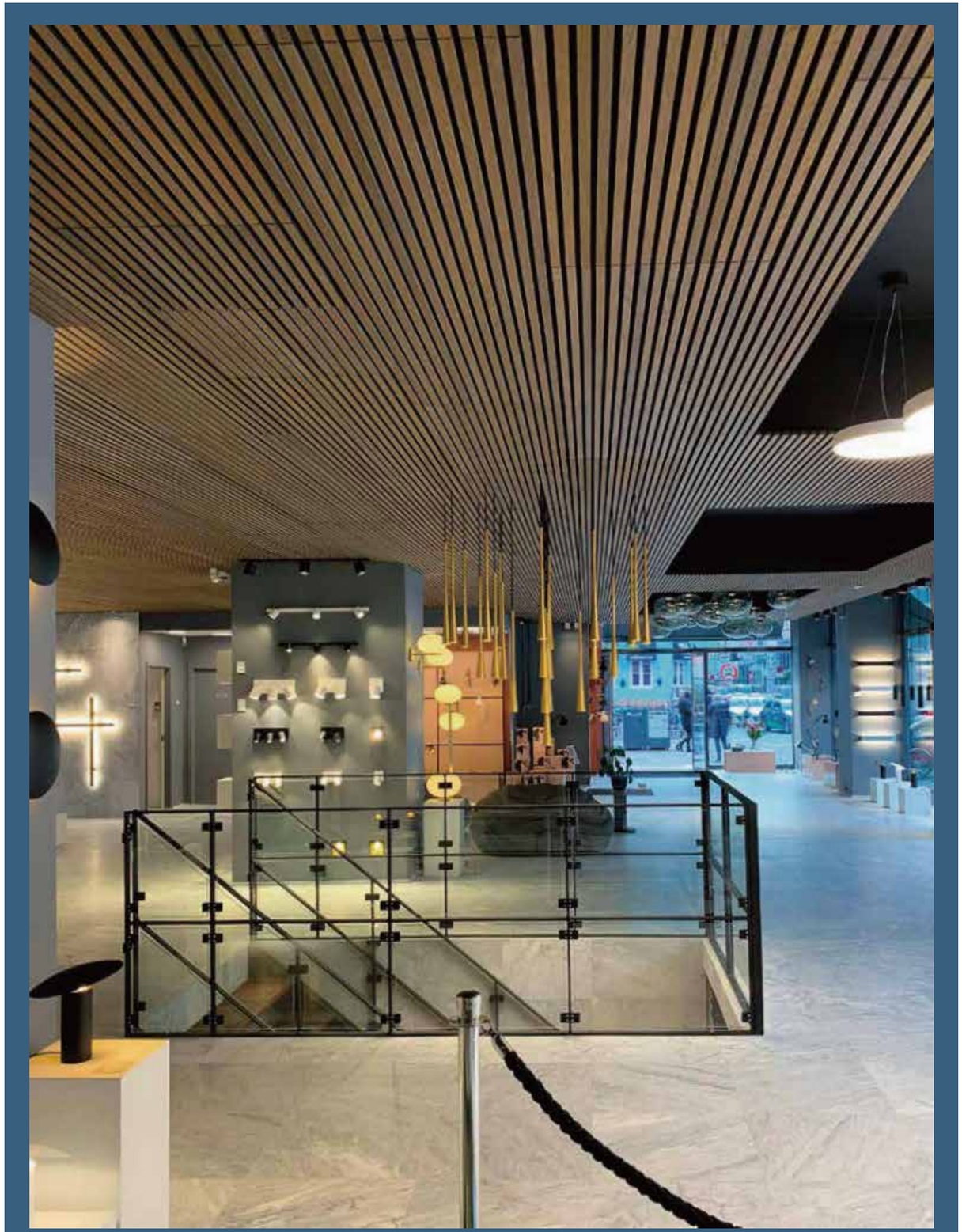






Acoustic Free Standing Dividers

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 dividider panels,it can cutted by different patterens which used in public space,and various of applications in working space.





Wooden Stripes Top with Black Acoustic Panel

Wooden Stripes Top with black acoustic panel is Black polyester acoustic panel attached with Melamine MDF, the base black poly panel is in 9mm thick, and the melamine MDF stripe is in 9mm / 12mm thickness, it is a wonderful combination that our poly panel topped with these wooden color MDF stripes.





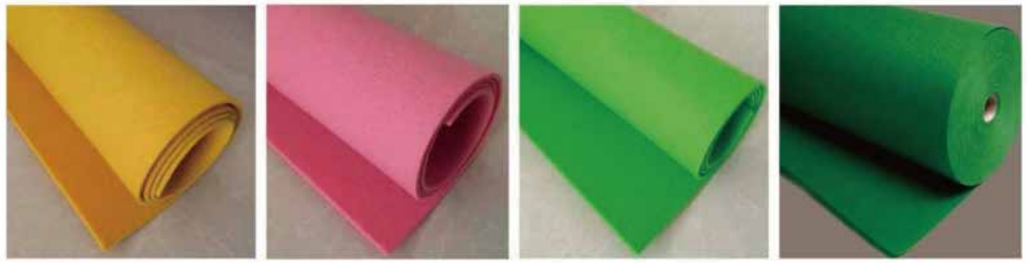




Custom-designed Colorful Acoustic Felt

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.





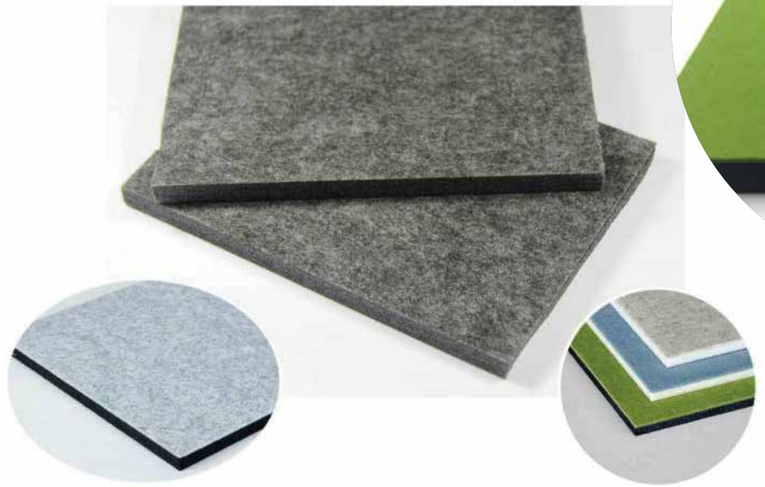






Creative Designed Priting Acoustic Felt

Creative designed Priting 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.

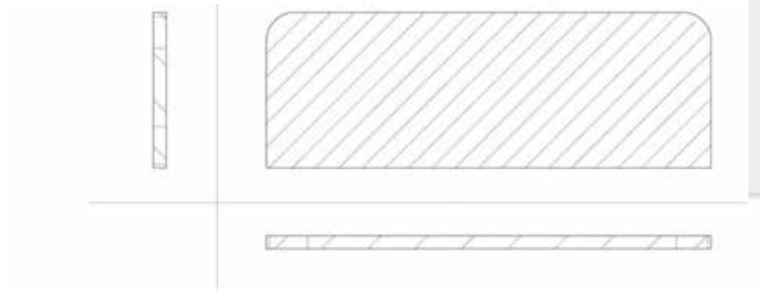


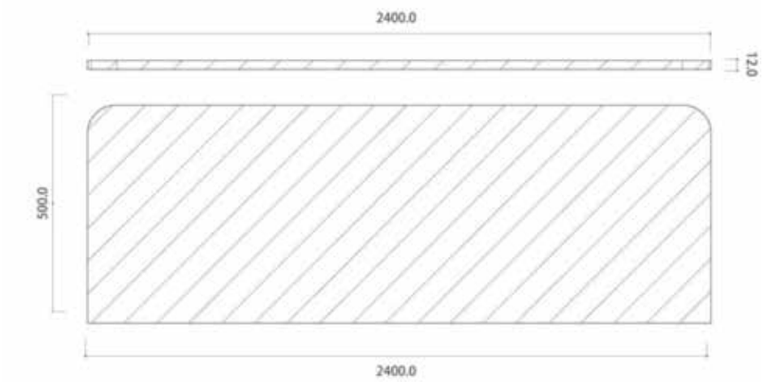












Acoustic Desk Screen

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


tape measure


utility knife


push broach


chamfering tool


carpenter's ink marker

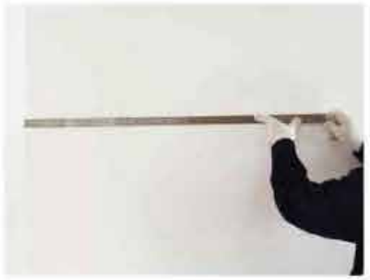

glue gun


hot melt adhesive


steel ruler

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

① leveling & measuring



② lightly mark wall to indicate level hanging postion



▶ 2. Cutting

1. Chamfering

① Cutting



② Chamfer 45 degree bevel edge by chamfering tool



2. Internal and external corners processing

① Adjust the height of the knife



② Cut 4/5 depth of the panel



Caution :

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

▶ Cutting

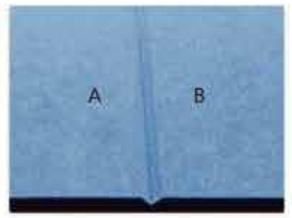
③ After cutting



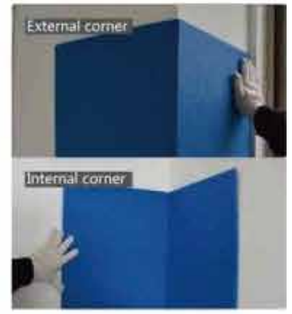
④ Chamfer45 degree beveledge for side "A" by chamfering tool



⑤ Same way to chamfer side " B" edge



⑥ After chamfering



▶ 3. Apply adhesive to the position on the surface

Apply adhesive



Caution :

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

▶ 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

