



## Recycled 100% Pet Felt Polyester Fibre Acoustic Panel For Space Decoration

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: MQ
- Certification: SGS
- Minimum Order Quantity: 100pcs
- Price: \$15-35 per piece
- Packaging Details: carton/pallet
- Delivery Time: 5-8 working days
- Payment Terms: T/T
- Supply Ability: 1000 pieces per week



#### Product Specification

- Product Name: Polyester Fiber Acoustic Panel
- Material: 100% Polyester Fiber
- Common Size: 1220\*2440mm/Customized
- Thickness: 9mm/12mm/15mm/18mm/24mm
- Density: 1600-2400gsm
- Angle Edge: Straight, Chamber
- Application: KTV, Cinema, Studio, Meeting Room...
- NRC: SGS Test: 0.8
- Highlight: Recycled Polyester Fibre Acoustic Panel,  
Pet Felt Polyester Fibre Acoustic Panel,  
Recycled Polyester Fiber Board



#### More Images



## Product Description

### Product Introduction

Polyester fiber acoustic panel are made of fiber filaments through high-tech hot pressing. It is a new type of environmentally friendly sound-insulating material which can directly contact to skin will not harm the human body.

Polyester fiber acoustic panel has various densities and good air permeability. It is an ideal product in sound absorption and heat insulation materials. The highest sound absorption coefficient can reach 0.8 or more in the range of 125~4000HZ ( refers to the installation structure). Used as an indoor sound-absorbing material, it can effectively shorten the reverberation time to improve the clarity of speech. It is widely used in the field of building decoration.

### Product Specification

Material	100% Polyester Fiber
Size	1220*2440mm
Thickness	9mm/12mm/15mm/18mm/24mm
Density	1200-3700gsm
Edge	Straight, chamber
Eco-friendly	Class E1
Color	More than 48 colors
Permanent Flame Retardant	can meet ASTM E84-2016

### Product Features

**Excellent Sound Absorbing Performance:** These acoustic panels are designed to effectively reduce noise pollution, boasting an impressive Noise Reduction Coefficient (NRC) that ranges from 0.85 to 0.94. An NRC this high indicates that the panels are highly efficient at absorbing sound, making them an excellent choice for controlling echo and reverberation in a variety of settings, such as conference rooms, auditoriums, and home theaters.

**Easy Installation:** With their user-friendly design, these panels can be easily cut to size with a knife, allowing for a custom fit in any space. Once cut, installation is simple and can be completed quickly using glue or nails. This flexibility in installation makes them an ideal solution for both professional acoustic treatments and DIY projects.

**Good Physical Stability:** These panels exhibit excellent resistance to environmental changes. They will not expand or contract with temperature fluctuations, ensuring that they maintain their shape and acoustic properties over time. This stability makes them durable and reliable for long-term use in any climate.

**Soft and Natural Texture:** Crafted with a soft, natural texture, these panels are not only aesthetically pleasing but also highly resilient. They can withstand significant impact without breaking or losing their shape, thanks to their high elasticity. This feature makes them safe for areas with high traffic or where accidental contact is likely.

**Easy Maintenance:** For busy spaces, easy maintenance is a must, and these sound-absorbing panels deliver. They are simple to keep clean, with dust easily removed using a vacuum cleaner or a feather duster. This low-maintenance requirement helps to keep the panels and the space they are used in, looking and performing at its best.

### Product Application

**Theater Soundproofing:** Polyester fiber acoustic panels are an ideal choice for theaters due to their ability to absorb sound effectively, reducing echo and improving the overall sound quality of the performance. This is crucial in maintaining the intended auditory experience for the audience.

**Recording Studio Acoustics:** In recording studios, accurate sound reproduction is paramount. These panels help to create a controlled acoustic environment by absorbing unwanted sound reflections, ensuring that the sound recorded is as true to the original performance as possible.

**Business Office Noise Reduction:** Offices, especially open-plan ones, can be noisy. Polyester fiber acoustic panels help to reduce the noise level, creating a more conducive environment for concentration and productivity. They also contribute to a more comfortable workspace for employees.

**Multi-function Hall Acoustics:** Multi-function halls often host a variety of events, from conferences to concerts. These panels provide excellent sound absorption, ensuring that the sound quality is consistent regardless of the event type or setup.

## Product Installation

Way One: Use screws or nails: Align the holes on the back of the acoustic panel with the holes pre-punched in the wall or ceiling, and then fix them with screws or nails.

Way Two: Use adhesive: Contact the adhesive on the back of the acoustic panel with the surface of the wall or ceiling, and press it to make it firmly adhered.

Way Three: Use hooks or hangers: If it is a suspended sound-absorbing panel, use hooks or hangers to hang it in the appropriate position on the wall or ceiling.



**MAGIC CUBE**  
ACOUSTIC MATERIALS

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