

Sound-Absorbing Eco-Friendly Polyester Fiber Acoustic Panel PET Acoustic Ceiling Tiles

Our Product Introduction

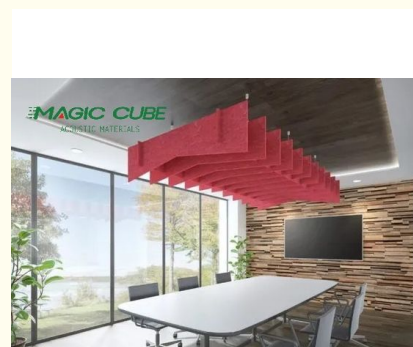
Basic Information

- Place of Origin: China
- Brand Name: MQ Acoustics
- Certification: CE, ASTM, ISO
- Model Number: PET Acoustic Ceiling Panels
- Minimum Order Quantity: 100pcs
- Packaging Details: Carton Box, Pallet
- Delivery Time: 7-14 working day
- Payment Terms: T/T

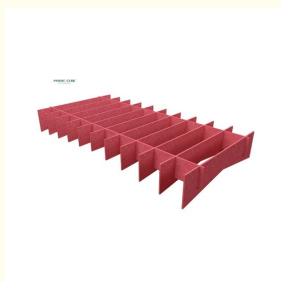


Product Specification

- Material: 100% Polyester Fiber
- Length: 1200mm/2400mm/customized
- Panel Height: 200mm/250mm/customized
- Thickness: 9/12/15/24mm/customized
- Color: More Than 48 Colors To Be Chosen
- Application: Office Building, Office, Meeting Room, Multi-Function Hall, Etc.
- Origin: China
- NRC: 0.80-0.85
- Transport Package: Carton Box & Pallet
- Function: Interior Decoration And Sound Absorbing
- Warranty: 1 Year



More Images



Product Description

Products Description

Revolutionize your space with our advanced Sound-Absorbing Eco-Friendly Polyester Fiber Acoustic Panels. Designed for the modern, conscious consumer, these panels combine superior noise control with a commitment to sustainability and aesthetic design. They are the ideal solution for creating quieter, more comfortable, and visually appealing environments in offices, homes, studios, and commercial spaces.

These are high-performance acoustic panels made primarily from recycled polyester (PET) fibers, often sourced from post-consumer plastic bottles. Through a specialized thermal-bonding process, these fibers are transformed into dense, porous panels that effectively absorb sound waves, reduce echo, and minimize noise pollution.

Product Name	Polyester Fiber Acoustic Panel
Application	Ceilings Panel
Material	100% Polyester Fiber
Thickness	9mm / 12mm / 24mm / Customized
Color	more than 48 colors options (customizable upon request)
Fire Rating	Class B
Eco-Certification	Meets E1 environmental standards, formaldehyde-free, odorless

A. Superior Sound Absorption

How it Works: The dense, non-woven, porous structure of the polyester fiber traps sound energy, converting it into negligible amounts of heat through friction, thereby reducing reverberation and echo.

Benefit: Significantly improves speech clarity and privacy in offices, reduces noise levels in busy environments, and creates an optimal acoustic environment for recording studios, home theaters, and conference rooms.

B. Aesthetic Versatility

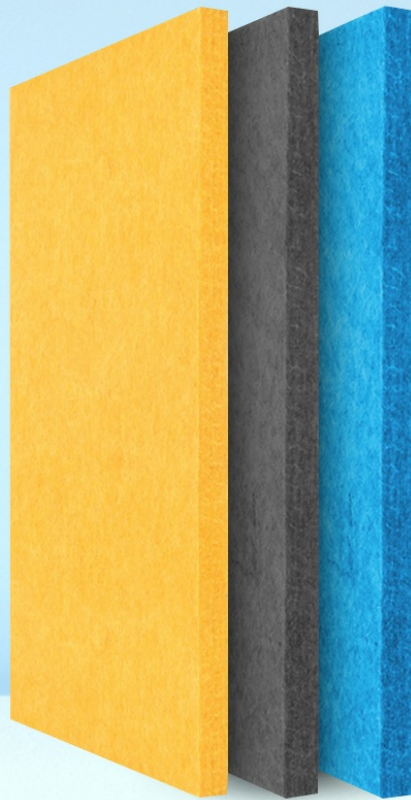
Variety of Colors & Finishes: Available in a wide spectrum of standard colors to match any interior design scheme. Custom colors are often available.

Fabric Options: Can be finished with a range of premium, acoustically transparent fabrics (e.g., felt, linen, velvet) to enhance their visual appeal.

Custom Shapes & Sizes: Can be manufactured in various sizes and shapes (hexagons, circles, clouds, baffles) to create unique and artistic feature walls or ceilings.



Polyester Fiber Acoustic Panel



MQ ACOUSTICS

PET Acoustic Panel Color Chart



AM-01 Snow White



AM-02 Porcelain White



AM-03 Camel



AM-04 Silver Gray



AM-05 Longan Yellow



AM-06 Deep Camel



AM-07 Pure Camel



AM-08 Copper



AM-09 Lemon Yellow



AM-10 Orange



AM-11 Milk Coffee



AM-12 Tangerine



AM-13 Light Coffee



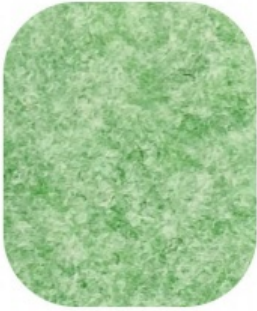
AM-14 Light Yellow



AM-15 Fruit Green



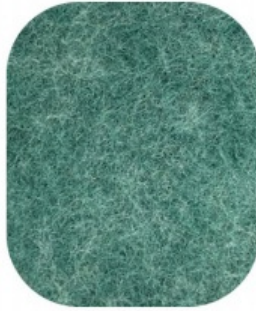
AM-16 Plum Green



AM-17 Autumn Leaves Green



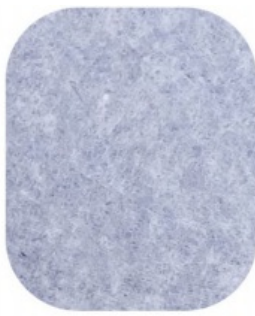
AM-18 Emerald Green



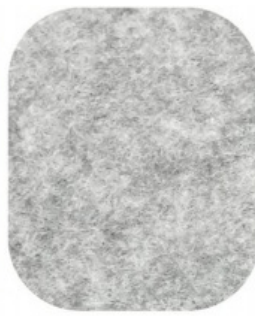
AM-19 Malachite Green



AM-20 Dark Green



AM-21 Smoke Gray



AM-22 African Gray



AM-23 Moonlight Gray



AM-24 Dark Gray



AM-25 Water Gray



AM-26 Light Sky Blue



AM-27 Sky Blue



AM-28 Sea Blue



AM-29 Turquoise Green



AM-30 Tiffany Blue



AM-31 Starry Sky Blue



AM-32 Dark Blue



AM-33 Dark Brown



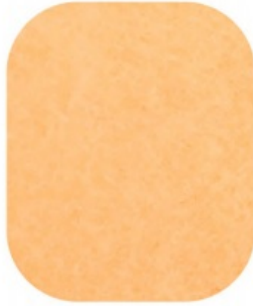
AM-34 Red Coffee



AM-35 Coffee



AM-36 Sesame Black



AM-37 Linen



AM-38 Beige



AM-39 Flesh Pink



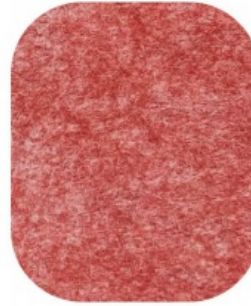
AM-40 Begonia Red



AM-41 AM Blue



AM-42 Black



AM-43 Watermelon Red



AM-44 Dark Red



AM-45 Pink



AM-46 Rose



AM-47 Violet



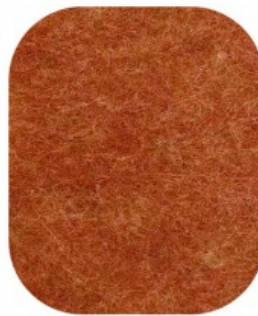
AM-48 Matcha



AM-49 BMW Blue



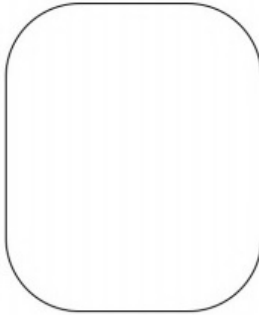
AM-50 Cyan Blue



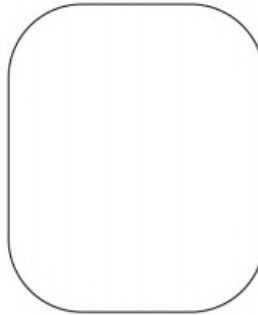
AM-51 Rust Red



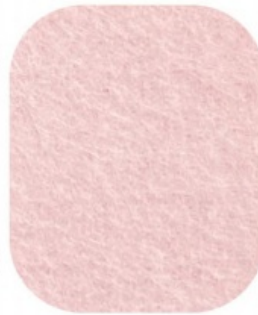
AM-52 Havana Orange



AM-53 PURE RED



AM-54 Pure Blue



AM-55

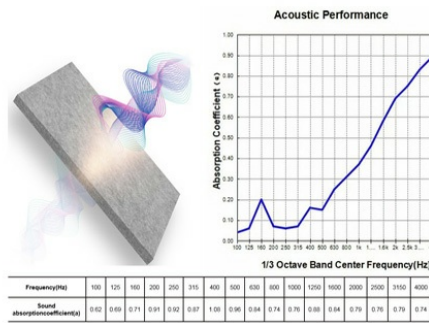


AM-56

Product Features

1/ Excellent sound absorbing performance:
The NRC can be 0.85 to 0.94

2/ Easy installation
To cut by knife and easy to install by glue or nail

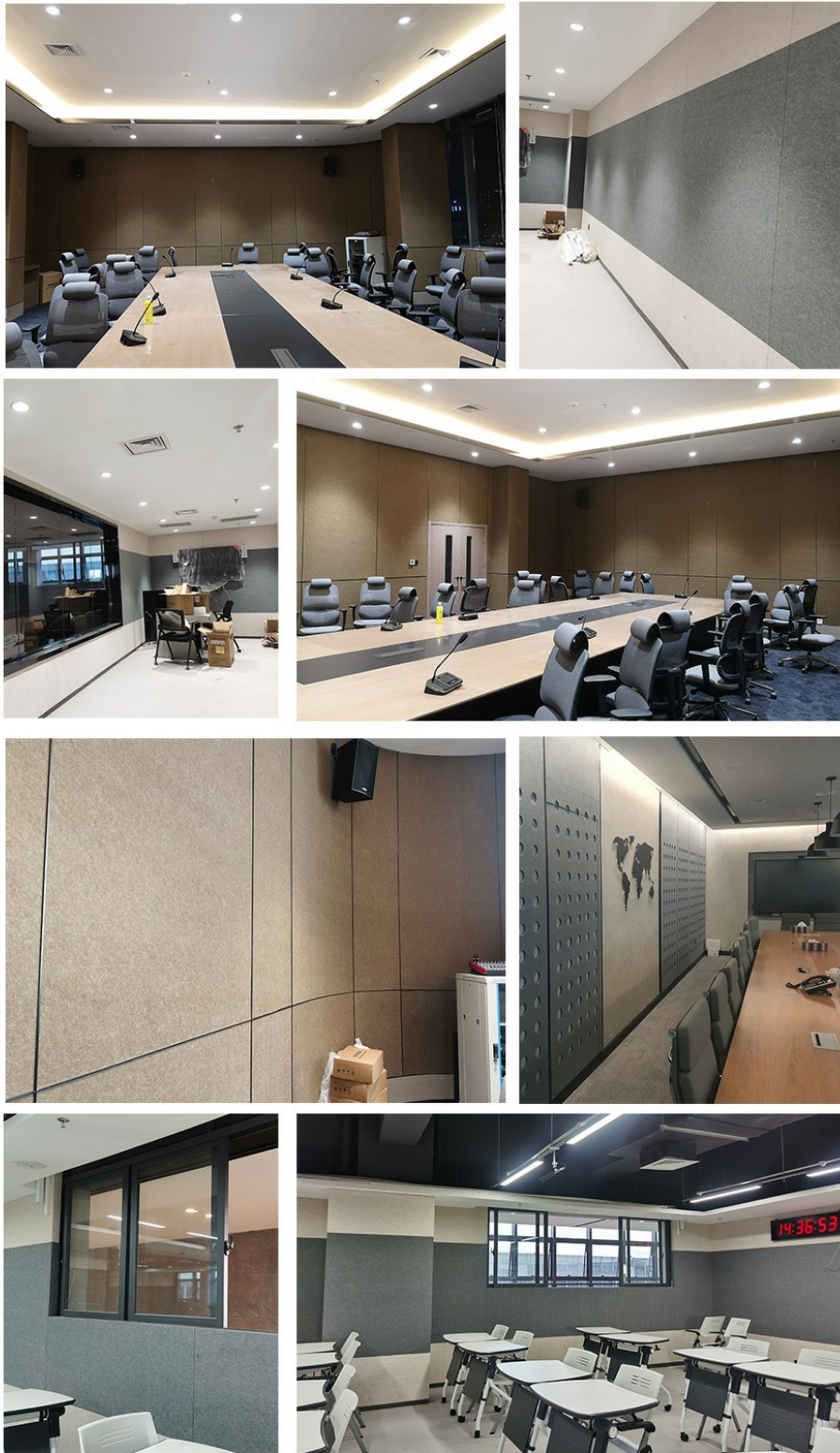


3/ Good physical stability
Can meet ASTM E84-2016

4/ Various of Color for Option
Can easily realize the designer's inspiration



Applications



Installation Methods

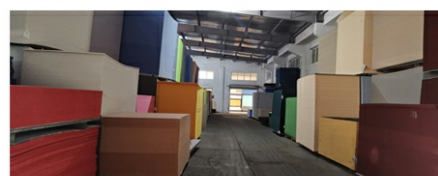
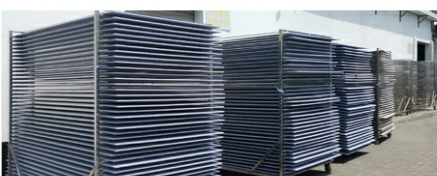
Direct Adhesion: Eco-friendly glue for flat walls/ceilings.
Suspension Hooks: Hanging panels .
Modular Snap-in: Easy assembly/disassembly for maintenance.

About Us



Magic Cube (MQ) Acoustics is a professional acoustic solution provider, integrating acoustic material manufacturing, architectural acoustical environment construction and industrial noise control. We are committed to the combination of Acoustics & Aesthetic, to offering our clients the best acoustic solution with high quality acoustic material.

In order to meet the higher needs of customers, we has introduced advanced production equipment which has fully guaranteed product quality and technology. After 5 years of rapid development, we has an annual output of more than 500,000 square meters of various acoustic materials.





FAQ

1. Can I get free samples and how long does it take to produce samples?

If the samples you need are in our stock, they will be provided to you free of charge. Customized samples usually take about a week to produce.

2. Do you accept OEM or ODM order?

Yes, as a manufacturer, we can produce acoustic materials based on your samples or drawings. Please do not hesitate to contact us.

3. How to get an accurate quotation?

Can provide us with detailed product information, such as pattern, core material, surface, etc. If you have CAD or other drawings,

don't hesitate to send it to us.

4. Payment terms

T/T 30% deposit before production, 70% balanced payment before delivery.

For more information, please feel free to contact us.



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