



## Fire Retardant Polyester Fiber Acoustic Panel for Safe Wall Sound Absorption Felt

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: MQ Acoustics
- Certification: CE, ASTM, ISO
- Minimum Order Quantity: 100pcs
- Price: 15.9/pc 100-200 pcs
- Packaging Details: Carton Box, Pallet
- Delivery Time: 5-8 work day
- Payment Terms: T/T

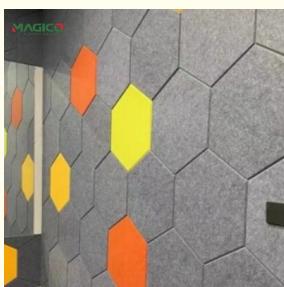
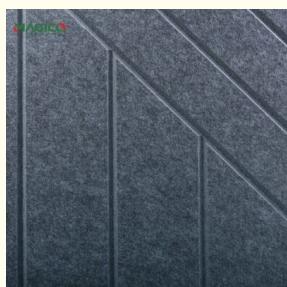
**MAGICO**  
ACOUSTIC MATERIALS

#### Product Specification

- Product Name: PET Acoustic Felt
- Material: 100% Polyester Fiber
- Size: 600\*600mm/600\*1200mm/1220\*2440mm/cus
- Thickness: 9/12/15/24mm/customized
- Density: 1350g-4000gsm
- Color: More Than 48 Colors To Be Chosen
- Application: Office Building, Office, Meeting Room, Multi-Function Hall, Etc.
- Origin: China
- NRC: 0.80-0.9
- Transport Package: Carton Box & Pallet
- Function: Interior Decoration And Sound Absorbing
- Warranty: 3 Years
- Acoustic Type: Sound Absorbing Material
- Installation Method: Adhesive, Suspended, Or Direct Mount

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#### More Images



## Product Description

### Product Introduction

Where standard acoustic panels compromise fire safety for performance, our Fire Retardant Polyester Fiber Acoustic Panel delivers both. Designed to meet the strictest fire safety standards without sacrificing sound absorption quality, these panels provide safe wall sound absorption for spaces where safety cannot be an afterthought.

Product Name	Polyester Fiber Acoustic Panel
Application	Walls, Ceilings
Material	100% Polyester Fiber
Thickness	9mm / 12mm / 24mm
Color	more than 48 colors options (customizable upon request)
Size	1220*2440mm / 1200*600mm(custom sizes available)
Fire Rating	Class B
Eco-Certification	Meets E1 environmental standards, formaldehyde-free, odorless

### Uncompromised Acoustic Performance

NRC up to 0.92 – Highly effective absorption of mid-to-high frequencies.

Broadband sound control – Reduces echoes, speech noise.

Consistent performance – Fire-retardant properties are embedded, not coated, so acoustics don't degrade.

### Material & Construction Excellence

#### Eco-Safe & Non-Toxic:

Made from recycled PET with no added formaldehyde, halogens, or heavy metals.

#### Durable & Low-Maintenance:

Moisture-resistant, mold-inhibiting, and easy to clean. The robust surface withstands impact and abrasion, ideal for high-traffic or public spaces.

#### Aesthetic Versatility:

Available in multiple textures, colors, and custom finishes. Can be fabric-wrapped or left with a clean, felt-like appearance for modern interiors.

### Ideal for Safety-First Applications

Commercial & Public Buildings: Offices, conference rooms, airports.

Educational Institutions: Schools, libraries, lecture halls with strict fire codes.

### Easy & Secure Installation

Compatible with multiple mounting methods—all using fire-rated adhesives or hardware to maintain system integrity.

Mechanical Fixing with Fire-Resistant Clips – For enhanced stability.

Grid Integration – Fits into fire-rated ceiling or wall grid systems.

Suspended Baffles – Using wires or rods.

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ACOUSTIC MATERIALS

# Polyester Fiber Acoustic Panel

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# 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



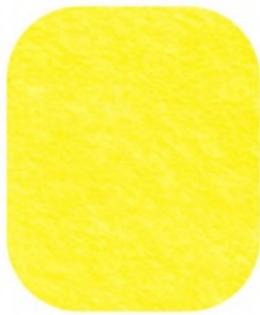
AM-06 Deep Camel



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



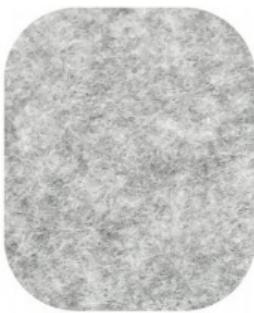
AM-19 Malachite Green



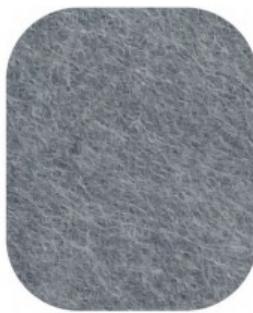
AM-20 Dark Green



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



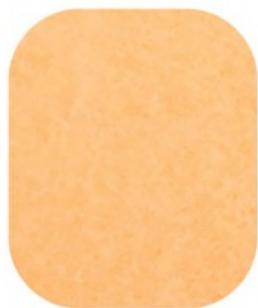
AM-34 Red Coffee



AM-35 Coffee



AM-36 Sesame Black



AM-37 Linen



AM-38 Beige



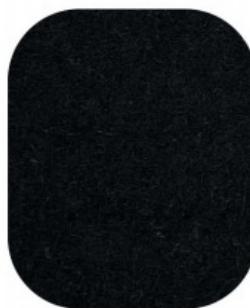
AM-39 Flesh Pink



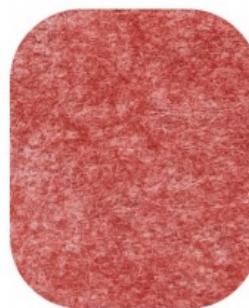
AM-40 Begonia Red



AM-41 AM Blue



AM-42 Black



AM-43 Watermelon Red



AM-44 Dark Red



AM-45 Pink



AM-46 Rose



AM-47 Violet



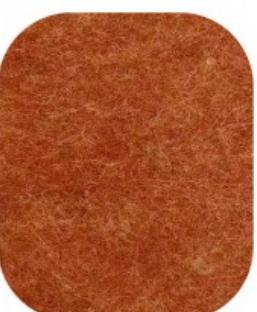
AM-48 Matcha



AM-49 BMW Blue



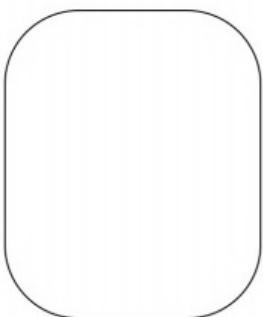
AM-50 Cyan Blue



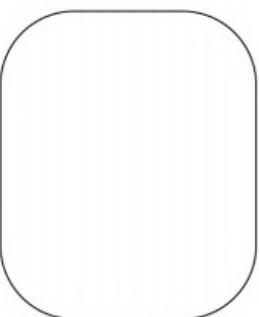
AM-51 Rust Red



AM-52 Havana Orange



AM-53 PURE RED



AM-54 Pure Blue



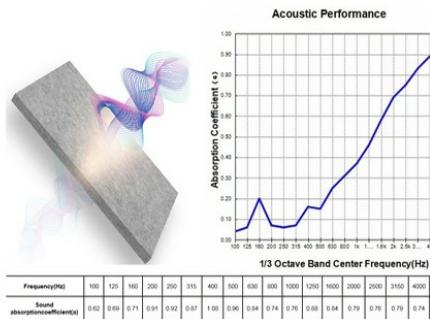
AM-55



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



## Company Profile

## 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





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### FAQ

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#### 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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