



## Durable Polyester Fiber Acoustic Board for Interior Wall Soundproofing Solution

### 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



#### 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



#### More Images



## Product Description

### Product Introduction

The Durable Polyester Fiber Acoustic Board represents a fundamental shift in noise control solutions. Where traditional acoustic materials sacrifice longevity for performance, we've engineered a product that delivers both. This isn't just another sound-absorbing panel—it's a structural acoustic component designed to withstand demanding environments while maintaining exceptional acoustic properties year after year.

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

#### Unmatched Material Resilience

Our proprietary manufacturing process creates a high-density polyester fiber matrix with inherent structural integrity. Unlike conventional foam that crumbles or fabric-wrapped panels that stain and tear, our boards feature:

- Impact-resistant surface that withstands accidental bumps and contact
- Moisture-stable composition that won't warp, sag, or degrade in humid conditions
- Non-porous texture that repels dust and resists staining

#### Performance That Doesn't Fade

- Consistent NRC ratings (0.80-0.95) maintained throughout product lifespan
- No compression fatigue—returns to original thickness after loading
- Fire-resistant properties (Class B rated) that don't diminish over time
- Engineered for High-Demand Applications

#### Commercial & Institutional

- Educational Facilities: Withstands classroom wear while reducing noise for better learning environments
- Fitness Centers: Handles high humidity and physical contact without performance loss

#### Surface Applications

- Direct Wall Mounting: Adhesive or mechanical fixing to any solid substrate
- Ceiling Systems: Compatible with standard grid systems or direct mounting
- Freestanding Partitions: Integrated into movable wall systems

#### Edge Treatments & Finishes

- Beveled, Square, or Custom edges for design flexibility
- Factory-applied coatings in standard or custom colors
- Perforated or slotted patterns for specific acoustic tuning



# 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

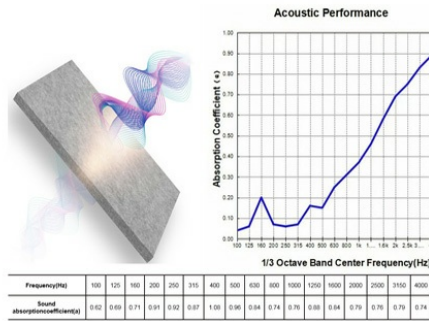


AM-56



# 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



## 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



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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