



## Cinema Modern Design Wood Wool Sound Absorption Board for Interior Wall Soundproofing

### Our Product Introduction

for more products please visit us on [acousticpanelwalls.com](http://acousticpanelwalls.com)

#### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: MQ Acoustics
- Model Number: Wood Wool Acoustic Panel
- Minimum Order Quantity: 100 square meters
- Price: \$18.14/square meters 100-199 square meters
- Packaging Details: Pallet
- Supply Ability: 5000 Square Meter/Square Meters per Month



#### Product Specification

- Warranty: 5 Years
- After-sale Service: Online Technical Support, Return And Replacement, Other
- Project Solution Capability: Total Solution For Projects, Others
- Application: Office Building, Gymnasium, Meeting Room, Multi-Function Hall, Etc.
- Design Style: Contemporary
- Model NO.: Wool Ceiling Panels
- Core Material: Wood Wool And Cement
- Thickness: 15mm/ 20mm/ 25mm/ 35mm
- Transport Package: Pallet
- Trademark: MQ Acoustics
- HS Code: 4410190000
- Density: 600-630kg/M3
- Installation Accessories: Steel Keel, Nails
- Certification: ISO9001:2015



#### More Images



## Products Description

<b>Material</b>	<b>Wood wool, Inorganic Cement, Liquid glass</b>
<b>Fiber width</b>	<b>1.0/ 1.5 /2.0/ 3.0 MM</b>
<b>Density</b>	<b>600-630 KG/m³</b>
<b>Thickness</b>	<b>15/ 20/ 25 MM</b>

Wood wool acoustic panel is made of poplar wood fiber combined with a unique inorganic cement binder. A uniform continuous porous structure is naturally formed between the fiber filaments. This structure has excellent air resistance which is particularly important to sound absorption.

Wood wool acoustic panel has good plasticity and the surface can be painted into different colors. It can also be customized and cut into a variety of shapes (such as triangles, pentagons, hexagons, etc.). It can even be cut into any shape and chamfer on site which is fully achieve the designer's creativity and ideas.

Fireproof performance: The cement matrix gives the board a Class A fireproof rating and is not easy to burn.

Environmental protection: Some products use recycled wood, and the cement is also non-toxic, meeting green building standards.

Sound insulation and heat insulation: The porous structure of wood wool can effectively absorb sound waves and block heat conduction.

Lightweight and high strength: It is lighter than pure cement board and is easy to construct, but has better load-bearing and impact resistance.

## Details Images

**MAGIC CUBE**  
ACOUSTIC MATERIALS

# Wood Wool Acoustic Panel





Wood Wool



Inorganic Cement



Liquid Glass

**100%** Natural  
Ingredients



# Specifications



- ① Basic Material: Wood wool, Inorganic cement, Liquid
- ② Standard Size: 600\*2400mm, 1220mmx2440mm.
- ③ Thickness: 15mm/20mm/25mm
- ④ Color: Natural White/ Nature Grey/ Color Painted
- ⑤ Fiber Width: 1.0/ 1.5/ 2.0/ 3.0 mm
- ⑥ Density: 600-630 Kg/m<sup>3</sup>
- ⑦ Flame Retardant: Can meet China Standard Class B1
- ⑧ Thickness Expansion : <2% (Immersion in water 24hrs)
- ⑨ Thermal conductivity: 0.108 kcal/m x r x °C



Natural wood (1.0 mm wood wool)



Natural wood (1.5 mm wood wool)



Natural wood (3.0 mm wood wool)



Natural grey (1.0 mm wood wool)



Natural grey (1.5 mm wood wool)



Natural grey (3.0 mm wood wool)

# Colours



White



Natural Grey



Light Grey



Grey



Black

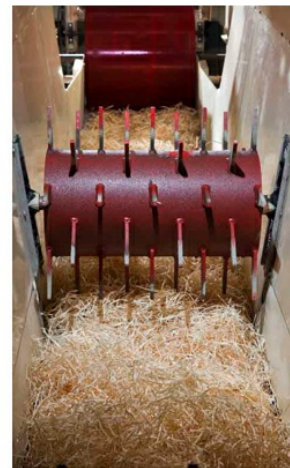


Custom colour

# Processing Technology



60%	Wood wool
39.5%	cement
0.5%	Liquid glass (sodium silicate)





## Step One

The raw material is fed to the wood chipping area, cut to the required dimensions and impregnated with sodium silicate (liquid glass).

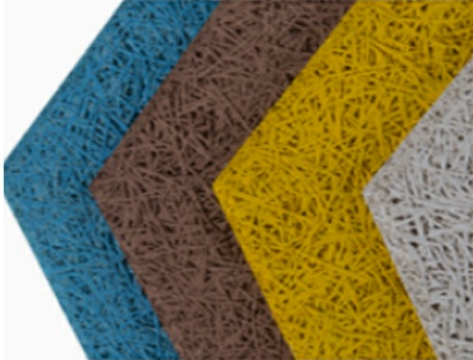


## Step Two

The conveyors supply the wooden chips to the mechanized line for blending with cement, feeding of the continuous chips mat to special mold bottom plates.

# Product Features

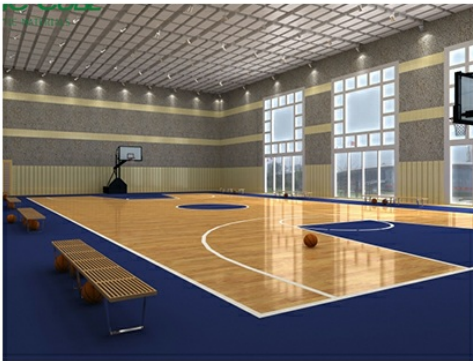
1/ Various colors



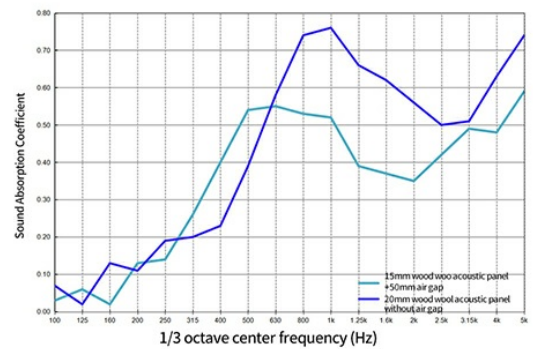
2/ Fireroof and moisture proof



3/ Impact resistance



4/ Good sound absorption performance



# Applications



Acoustic panels are widely used in public and residential building interior design, it is eco-friendly and harmless for health. The panels are very suitable for suspended ceiling constructions and wall finishing.

Owing to its natural composition and outstanding properties, they are widely used in premises with increased acoustic load, where sound insulation and noise



Walls



Ceilings



Construction panels for thermal insulation



## Outdoor Sound Insulation and Absorption



## Interior Decoration and Sound Absorption



♥ How to Contact Us ♥

Send Your Inquiry Details in the Below, for Free Sample, Click "Send" Now!

# 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.



## BACK TO HOME

### 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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