

Wood Wool Acoustic Panel



Wood Wool



Inorganic Cement



Liquid Glass

100% Natural
Ingredients

WOOD WOOL ACOUSTIC PANEL

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.

By combining fire resistance with good acoustic and heat insulation properties, the product offers the widest variety of design solutions.



PRODUCT SPECIFICATIONS



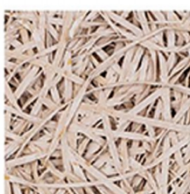
Basic Material	Wood Wool, Inorganic Cement, Liquid Glass
Standard Size	600*2400mm, 1220mmx2440mm.
Thickness	15mm/20mm/25mm
Color	Natural White/ Nature Grey/ Color Painted
Fiber Width	1.0/ 1.5/ 2.0/ 3.0 mm
Density	450-630 Kg/m ³
Flame Retardant	Can meet China Standard Class B1
Thickness Expansion	<2% (Immersion in water 24hrs)
Thermal conductivity	0.108 kcal/m x r x °C



Natural White
(1.0 mm wood wool)



Natural White
(1.5 mm wood wool)



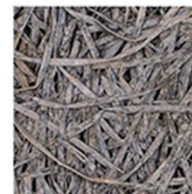
Natural White
(3.0 mm wood wool)



Natural Grey
(1.0 mm wood wool)



Natural Grey
(1.5 mm wood wool)



Natural Grey
(3.0 mm wood wool)

COLORS

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.



White



Natural Grey



Light Grey



Grey



Black



Custom Color

Processing Technology



60%

39.5%

0.5%

Wood wool

Cement

Liquid glass(sodium silicate)



Step One

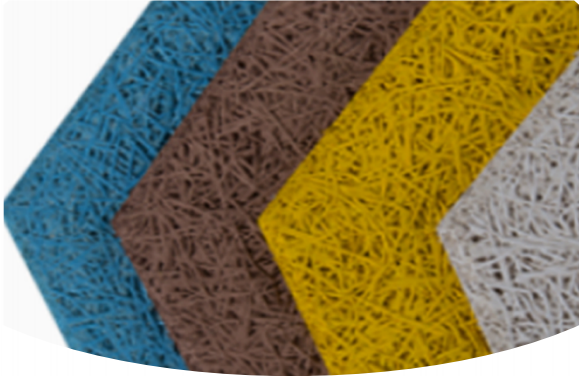
The raw material is fed to the wood chipping area, cut to the required dimensions and impregnated with sodium silicate (liquid glass).

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



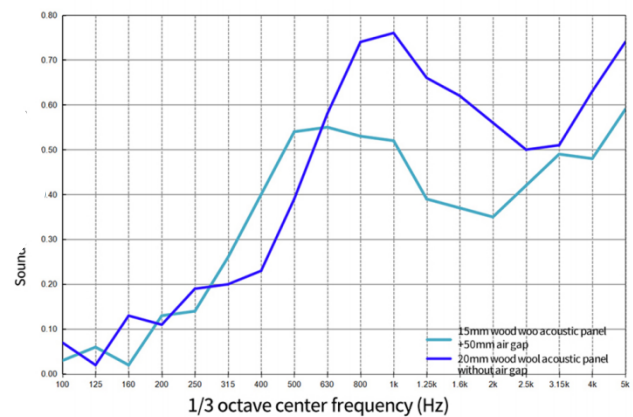
2 Fireroof and moisture proof



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 absorption are of essence.



Walls

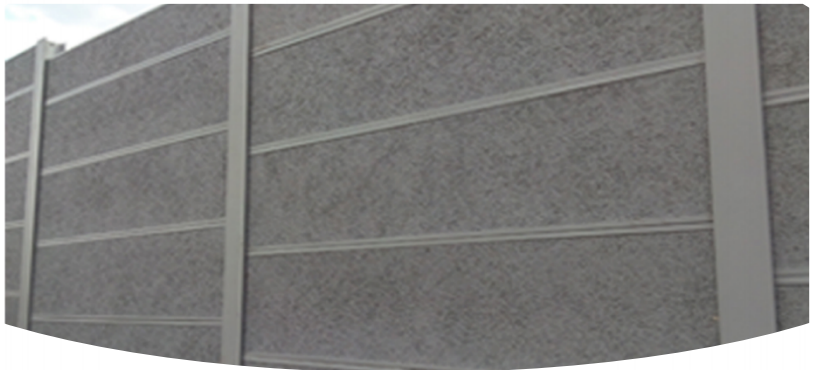


Ceilings



**Construction
panels for thermal
insulation**

Outdoor Sound Insulation and Absorption



Interior Decoration and Sound Absorption

