

Optima Wooden Fiber Acoustic Panels



Unique for Wood fiber acoustic panel effectively

In the past half century, Architects and designers are all seeking for a new acoustical product which is multifunctional and economical. Wood fiber acoustic panel really helps them out on many issues of architectural acoustics. It embodies its advantages on constructing many commercial and entertainment buildings. Thus it is enjoying great reputation from domestic and overseas famous architects.

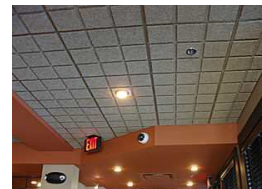
No matter what you want is sound absorption wall, ceiling or roof; wood fiber acoustic panel can be your right choice to decorate your house. Wood fiber acoustic panel is mainly made of cotton wood fiber, integrated with unique inorganic concrete bond, cranked out under high temperature and pressure finally. It is good at heat preservation and sound absorption. No matter it is natural or painted the effect is satisfactory. It is economic and useful for any inside decoration and most of outside decoration; its high quality products have outlived the test of time.

Currently, in order to keep in line with the trend, and meet the requirements of absorbing sound, we are developing new products constantly. This will make the wood fiber acoustic panel different from the other materials.

Wood fiber acoustic panel's surface veins are elegant and distinctive, which embodies the designer's idea and originality. It combines the advantages of both wood and concrete together: as light as wood, as firm as concrete. Sound absorption, shock resistance, fire proof, moisture proof, and mildew proof, all these functions are provided. It can widely be applied to gym, theater, opera house, meeting room, church, factory, school, library, swimming hall etc.

Product characteristics

- Wood fiber acoustic panel is mainly made of cotton wood fiber, integrated with unique inorganic concrete bond, cranked out under high temperature and pressure finally. It has the physical properties which can only be got through combining different construction materials.
- Unique appearance, good at sound absorption: Distinctive surface veins are original, which meets modern people's wish: be with the real nature. The surface shall be painted if needed, and it may be done for 6 times. Sound absorption ratio can be 100%.
- Solid construction: Solid construction, stretchy, shock resistant, it can bear the repeating shock from the balls when used in the gym. There won't be any crack or damage.
- Easy to install: it is easy to incise and install, ordinary carpentry is enough.
- Moisture proof and mildew proof: 25mm board can be used where the humidity is under 85%, including the open air and Swimming hall. Preclusive is where osculates water directly.
- Energy saving and heat retaining, long longevity: Due to the products are mainly made of wood, calorific conduction ratio is as low as 0.07. It is good at preserving heat, economic and durable.
- Test of flammability: Flammability property can reach GB9624B1 degree. The release of wood alcohol its grade are respectively 0.1 and E1.
- Product specification: Thickness (mm): 15mm or 25mm, Dimension: 600×1200 - 600×2400— 603×2438—1212×2438 or the other specification.





Improving your environment

Optima Wooden Fiber Acoustic Panels

Environment-friendly sound absorption board

All the processes comply to be environment-friendly and energy-saving. No asbestos is contained. Raw materials are mature white poplars which have grown in the forest as long as 20—30 years, the bond is rich in magnesia, silicate, magnesia sulfide etc.

Application scope

Broadcast station, TV station, library, theater, opera house, hotel, meeting room, computer machine room, researching lab, factory shop, gym, school etc. all these are in need of sound absorption material.

Method for stalling Wood fiber acoustic panel on the wall :

