



SHENZHOU ENERGY SAVING TECHNOLOGY GROUP CO., LTD.

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40 YEARS DEDICATION TO  
THERMAL INSULATION AND ENERGY SAVING



## YOOEARS™ FIBRE GLASS ACOUSTICAL CEILING





## ABOUT US

**1060000 m<sup>2</sup>**

Total land area

**230000 t**

Glass wool product annual output

**28000 t**

Ceramic wool product annual output

**2600000 m<sup>3</sup>**

Rubber foam product annual output

## 4 TOP 4 PRODUCT SERIES

**01** Formax®Heplead®rubber foam **02** Houswool® glass wool **03** Jinhou® ceramic wool **04** Yooears™ acoustic

Shenzhou Energy Saving Technology Group Co., Ltd. is a domestic energy saving and environmental protection enterprise which integrates research and development, manufacturing and service of thermal insulation, sound absorption and noise reduction materials.

### Business Scope

Shenzhou group has six subsidiaries and eight manufacturer bases. With the production of Formax® Heplead® rubber foam; Houswool® glass wool, Jinhou® ceramic wool and Yooears™ acoustic as the four leading products, Shenzhou products are widely used in civil and industrial construction, petrochemical, metallurgical manufacturing, ships and locomotives, aerospace, energy and electricity, HVAC, cold chain logistics and other industries.

Shenzhou group is committed to creating an energy-saving and environmentally-friendly living environment for mankind with excellent quality and superior service.

### Brand Development

After nearly 40 years of exploration and tempering, it has become a leading enterprise in thermal insulation and energy-saving industry. Our company covers an area of 1.06 million square meters, with a construction area of 680,000 square meters, total assets of more than 2 billion RMB, and an annual output value of 2.5 billion RMB. With international advanced production equipment and technology, Shenzhou produces 2.6 million cubic meters of rubber foam, 230,000 tons of glass wool, and 28,000 tons of ceramic wool. Shenzhou provides more than 2,000 employment to society. Our products sell well all over the country and are exported to European, America, Asia Pacific, Middle East, Africa and other countries and regions. Shenzhou provides immediate services to nearly 2,000 customers around the world and the product quality is widely praised.

With the completion and commissioning of Shenzhou Group's four production bases in Hebei, Anhui, Jiangxi, and Guangdong, Shenzhou Group takes the four production bases in the north, east, central, and south as the axis, forming a production capacity layout that vertically penetrates the eastern coast and radiates horizontally to the western region, which comprehensively accelerates supply and service response to domestic and foreign customers.

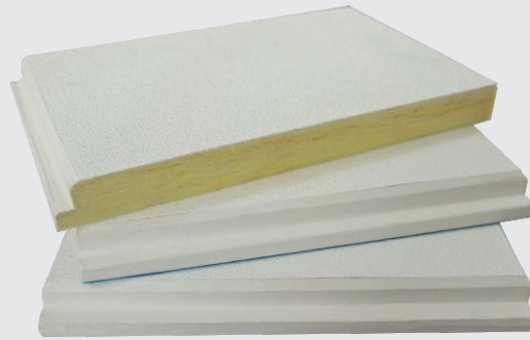
With 40 years of persistence, under the guidance of the five-specialization spirit of "uniqueness, patent, professional, expert, and expertise", Shenzhou Group has continuously increased R&D and innovation investment, and cultivated many professionals specializing in thermal insulation and energy conservation. From self-made to intelligent manufacturing, Shenzhou Group is becoming the most trusted world brand in the fields of heat insulation, energy saving and mute.

## YOOEARS™ FIBRE GLASS ACOUSTICAL CEILING

YOOEARS™ fibre glass acoustical ceiling is designed to meet the basic acoustic functional requirements and require the ceiling system to have a convenient disassembly and assembly space. Each piece of YOOEARS™ fibre glass acoustical ceiling, installed on the keel ceiling system, can be disassembled separately, making the inside of the ceiling within easy reach.

YOOEARS™ fibre glass acoustical ceiling is made of high-density glass wool board, and the outer surface is decorated with special coating decorative glass fiber tissue. The edge is sealed according to the demand, or maintained open as natural.

With Shenzhou formaldehyde-free glass wool material as the base material, YOOEARS™ fibre glass sound-absorbing ceiling does not contain formaldehyde, phenol, urea and other harmful substances. The base material has passed the China Environmental label product certification and obtained the green building materials evaluation label three stars certification, so as to remove the closed indoor space living natural ecological environment.



# 10+

### PERFORMANCE ADVANTAGE



Excellent sound absorption performance

- YOOEARS™ fibre glass acoustical ceiling uses glass wool as the base material. Through the three-dimensional structure of glass fiber, it can effectively absorb sound vibration, control sound transmission, and reduce noise penetration; uniquely crafted microporous glass fiber surface tissue and sound insulation technology with professional decorative layer, makes YOOEARS™ fibre glass acoustical ceiling better sound absorption and sound insulation functions. Our products provide you with a quiet and comfortable indoor environment.



Excellent fire performance

- YOOEARS™ fibre glass acoustical ceiling uses Class A non-combustible Houswool® glass wool board as the base material. In case of fire, it can effectively block the spread of flames, produce no smoke, no toxic, and can extend the escape time for the trapped.



Long-lasting moisture resistance without deformation

- YOOEARS™ fibre glass acoustical ceiling adopts unique pressing process to make the product with excellent moisture resistance. In the harsh environment of high temperature and humidity, it can maintain fine performance and appearance without deformation and sag for long time.



Thermal insulation

- YOOEARS™ fibre glass acoustical ceiling has fine internal pores and rich air layer structure. This structure provides high guarantee for efficient thermal insulation, and can effectively isolate the temperature and humidity between indoor and outdoor and different spaces. It will only help you to save energy, but also provide environmental comfort.



Healthy and environmentally friendly

- YOOEARS™ fibre glass acoustical ceiling use non-toxic, harmless and recyclable raw materials. The amount of formaldehyde emission meets the requirements of national mandatory standards, without peculiar smell, no harmless to human health, and more environmentally friendly.



Anti-mold and anti-bacterial

- YOOEARS™ fibre glass acoustical ceiling adopts high-tech antibacterial technology, its non-hygroscopic property can be the task of microorganism without survival, reproduction conditions and environment.



System stability

- YOOEARS™ fibre glass acoustical ceiling with light weight, can adjust system weight according to the needs of the building structure, reduce burden on the building and ensure a long service life.



Easy cleaning

- Surface can be cleaned with a soft cloth or vacuum cleaner. The special dust-proof layer on the surface can effectively prevent dust in the air from gathering on the ceiling surface and maintain a clean appearance.



Easy to disassemble and assemble

- With the lightweight ceiling system, YOOEARS™ fibre glass acoustical ceiling is convenient and easy to install. In case of hidden equipment maintenance, it is easy to disassemble. With our products, you can easily meet the maintenance requirements of water, electrical and heating equipment in the building.



Good decoration effect

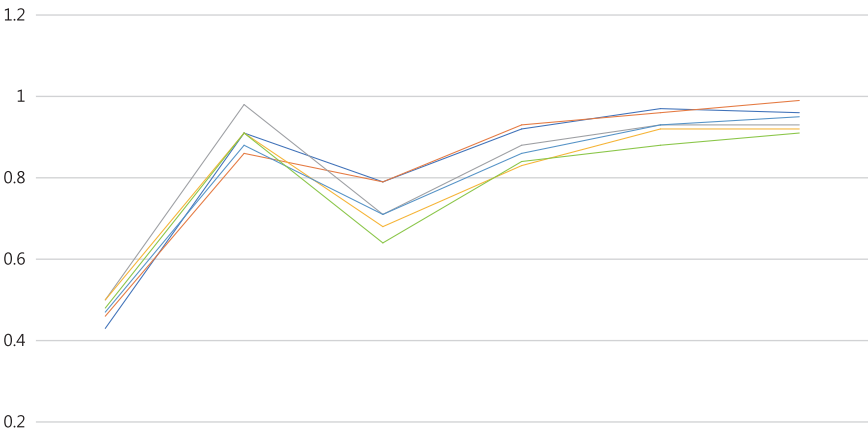
- YOOEARS™ fibre glass acoustical ceiling can provide different colors and shapes according to special needs of customers. It helps providing designers with sufficient design space, realizing their requirements for structural shaping, and achieving unique design inspiration.



# STANDARD PRODUCT FOR FIBER GLASS ACOUSTICAL CEILING

## Sound Absorption

The product is tested according to GB/T20247-2006/ISO 354:2003, and the sound absorption performance is classified according to GB/T16731-1997



	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC	Sound absorption performance classification
25mm,Density:100kg/m³	0.43	0.91	0.79	0.92	0.97	0.97	0.95	I
25mm,Density:80kg/m³	0.46	0.86	0.79	0.93	0.96	0.99	0.90	I
20mm,Density:100kg/m³	0.5	0.98	0.71	0.88	0.93	0.93	0.90	I
20mm,Density:80kg/m³	0.5	0.91	0.68	0.83	0.92	0.92	0.90	I
15mm,Density:100kg/m³	0.47	0.88	0.71	0.86	0.93	0.95	0.85	I
15mm,Density:80kg/m³	0.48	0.91	0.64	0.84	0.88	0.91	0.85	I

Ambient temperature 24.5 ± 0.5, Relative temperature 63%±5%, Cavity depth 350mm

## Regular Model

Sizes(mm)	600*600	600*1200	600*2400	1200*1200	1200*1800	1200*2400	<2400
Thickness(mm)							
15	●	●					
20	●	●					
25	●	●					
20-40			●				
50-100				●	●	●	●
Density	80kg/m³、100kg/m³		<100kg/m³	<100kg/m³		<100kg/m³	Available

If you need to customize the size, please contact YOOEARSTM product technical support team.

## Edges Type&Installation

Corner cut Tegular	Corner cut Tegular	Layout Square
Layout Tegular	Bevel Tegular	Hide-In (Removable)



## Veneers And Colors

Standard products use high-porosity glass fiber veneer. The veneer has good sound absorption, air permeability, fire resistance, anti-cracking, scrubbing resistance, acid and alkali resistance, and green environmental protection. Combining with professional color coatings, it can produce different effect and variety of colors.

## CUSTOMIZED PRODUCT

### 01 Vertical And Horizontal Suspension Type

Frameless suspension installation, with special metal pendants and adjustable suspension ropes, which is suitable for multi-shape and multi-color design schemes.



### 02 Large Format Open Ceiling System

To meet different requirements of indoor environments and decoration styles, YOOEARS™ fibre glass acoustical ceiling customized products can be produced with customize various sizes, weights, and various veneers. We can produce according to special needs of designers and meet various decoration style requirements.

- Frameless suspension mounting
- System custom multi - size&density panels
- Composite various veneer

Relying on Shenzhou Group's strong production capacity and technical level, we are capable of custom-made designing and producing ceiling systems, and also supplying keel systems in the form of data delivery, program delivery, product delivery.

For example of design a ceiling system for working office, we will customize the size and veneer of decorative ceiling according to indoor personnel distribution, room size, decoration style, etc. You can be benefit of corresponding acoustic products and installation systems and enjoy comfortable indoor environment with soft voice without noise.

- Customize production is provided with various sizes according to different indoor environments and decoration styles.
- Customized product styles, sizes, and veneers are diverse, providing designers with sufficient design space and achieving unique design inspiration.





## ACOUSTICAL WALL SYSTEM

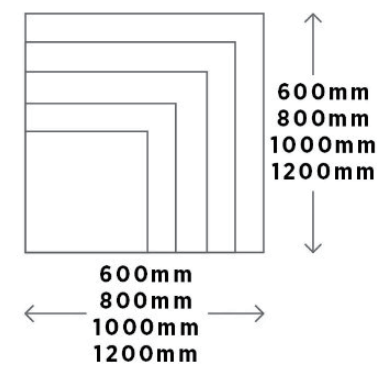
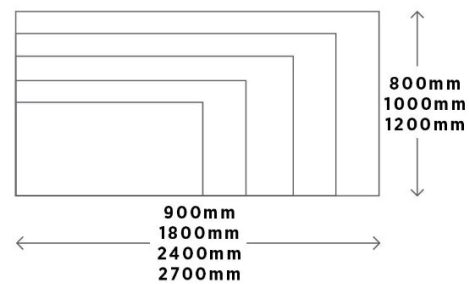


### Edges type

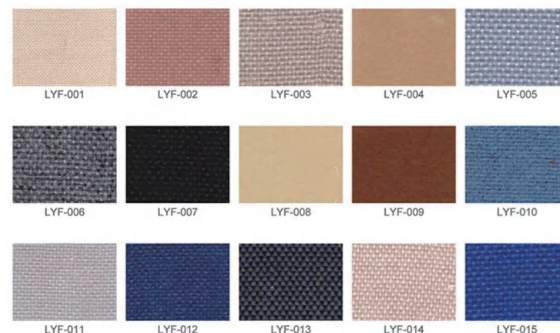
Square edge 

Bevel edge 

### Specifications



### Fabric colors



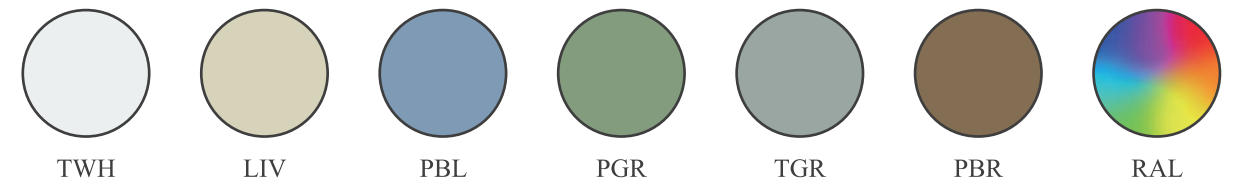
### Application



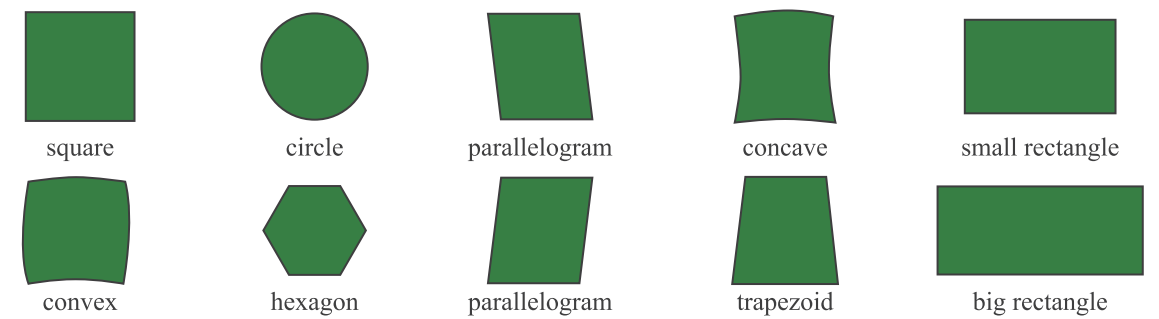
## ACOUSTICAL ART PANEL



### Colors



### Shapes



### Customized by drawing art picture



Can be customized according to the customer to draw art sound-absorbing board, all kinds of patterns can be sprayed.