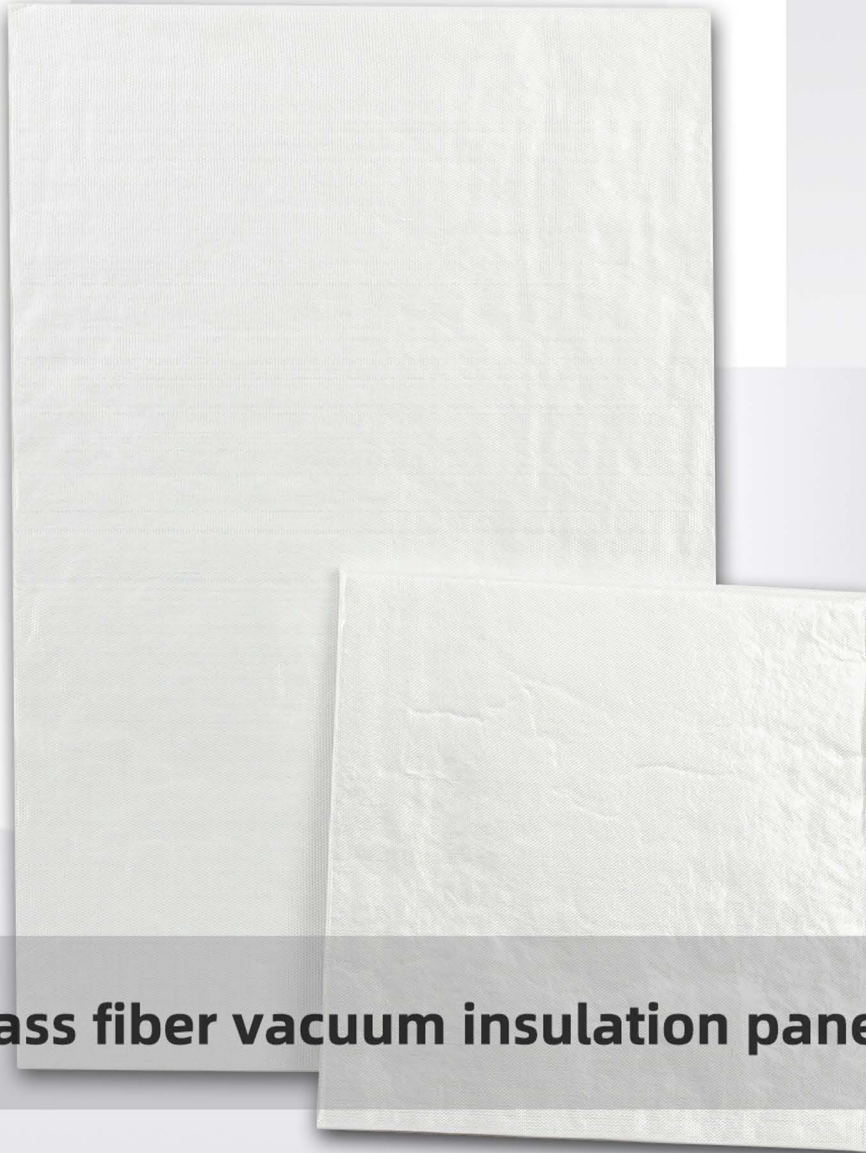


# SUPER TECH



**Glass fiber vacuum insulation panel**



HIGHER PROTECTIVE  
PERFORMANCE



CLOSER ADHESION



BETTER THERMAL  
CONDUCTIVITY



Using alkali-free fiberglass film.  
With hot pressed glass microfiber  
core material

Good weather resistance



Low rebound rate  
expansion coefficient less than 10%

Better pull-out resistance



Better thermal conductivity

Lower than 0.004 W/m·K

# Product Parameters



|                            |  |
|----------------------------|--|
| Core material              | Fiberglass   |
| Film                       | Barrier Film   |
| Color                      | White  |
| Temperature range          | -80°C to 85°C  |
| Structure                  | Rectangular  |
| Standard size              | Customized size  |
| Maximum size               | 700x1200mm   |
| Thickness specifications   | 6mm to 30mm  |
| Density                    | 300kg/m <sup>3</sup> to 350kg/m <sup>3</sup>             |
| Length and width tolerance | ±5mm   |
| Thickness tolerance        | ±3mm   |
| Thermal conductivity       | <0.005 w/m·k   |
| Certification              | JG/T 438-2014 National Building Materials Testing Center |



With excellent product performance, Super Tech vacuum insulation panel products have won the **REACH** and **ROHS** certifications which are two important EU market access certifications.



## Test Report

No.: CANEC23004927803

Date: Jul 05, 2023

Page 1 of 12

Client Name: Fujian Supertech Advanced Material Co.,Ltd.

Client Address: LIANGJIAN INDUSTRIAL AREA, LIANCHENG COUNTY, LONGYAN CITY, FUJIAN PROVINCE, CHINA

Sample Name: Vacuum insulation board

Buyer: Haier

The above sample(s) and information were provided by the client.

SGS Job No.: 23709118

Sample Receiving Date: Jun 21, 2023

Testing Period: Jun 21, 2023 ~ Jul 05, 2023

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

| Test Requirement   | Conclusion |
|--|------------|
| EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU and client's requirement - Cadmium, Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Dibutyl phthalate (DBP), Butyl benzyl phthalate (BBP), Bis(2- | Pass       |

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Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Jany Zhong

Jany Zhong  
Approved Signatory

scan to see the report



741F51DE



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Jany Zhong  
Approved Signatory



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# Application fields



Civil building  
insulation



Public building  
insulation



factory  
insulation

Master the core technology of the whole  
industrial chain of vacuum insulation  
Its quality is trustworthy

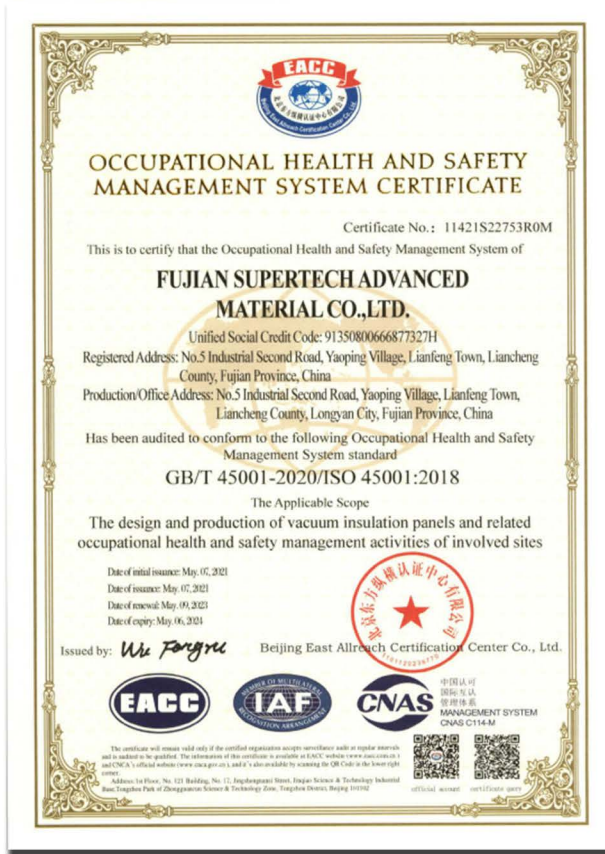


**闽赛特**  
**SUPER TECH**

Fujian Super Tech Advanced Material Co., Ltd. was established in 2007. It is a national high-tech enterprise focusing on the development and application research of vacuum insulation material manufacturing technology. It was listed on the A-share Science and Technology Innovation Board in February 2020 (stock code: 688398 ). It has been continuously exploring the field of vacuum insulation, and continues to apply for downstream applications of vacuum insulation panels (home appliances such as refrigerators and freezers), and vacuum insulation technology applications (cold chain logistics such as cold storage, refrigerated trucks, insulated boxes, etc.) It also upgrades production equipment, quickly responds to customers' individual needs, and provides customers with energy-saving and environmental-friendly vacuum insulation panel products and efficient insulation solutions. It has been in the industry for many years. With its advantages in technology, quality, equipment, etc., Fujian Super Tech has won a good reputation and maintained its leading position in the field of vacuum insulation panel industry.

**OUR R&D TEAM IS COMPOSED OF SOME EXPERTS IN AEROSPACE VACUUM FIELD OF CHINA, AND HAS ESTABLISHED LONG-TERM COOPERATION WITH MANY WELL-KNOWN DOMESTIC RESEARCH INSTITUTES AND UNIVERSITIES.**

# AT A RATE OF NEARLY 10 PATENTS A YEAR, A TOTAL OF 118 HIGH-VALUE PATENTS ARE DRIVING THE VIGOROUS DEVELOPMENT OF THE VACUUM INDUSTRY.



# Partner customers

