



YE19RS

PROFESSIONAL ENGINEERING MATERIAL
SUPPLIER FOR 19 YEARS



WHO IS FSILON



- A-share listed company
- Drafting unit for industry standard of integrated ceiling for construction
- Three Industry patents invention recipients
- Professional light source testing centers
- Leading material supplier
- Chairman unit of the Suspended Ceiling Special Committee of China Building Decoration Association
- Top 10 Leading Brands of Integrated Ceiling in China
- High technology enterprises

SENIOR BRAND
HARDCORE STRENGTH



HOME FURNISHING INDUSTRIAL PARK

FSILON Home Building Materials Co., Ltd. was founded in 2005, headquartered in Haiyan, Jiaxing, Zhejiang. We specialize in becoming a large-scale integrated supplier of prefabricated ceiling and wall products, and have a comprehensive strategic deployment of multiple categories including suspended ceilings, walls, and floors. At present, it has an industrial park base of 260,000 square meters, which helps achieve high production capacity and also promotes FSILON to a leading position in intelligent manufacturing in the Chinese market. FSILON has a rich product line and is one of the enterprises with the most complete range of products in the industry. Multi point driven steady growth, continuously setting a benchmark for the industry. On August 3, 2020, it was listed on the A-share of the Shanghai Stock Exchange.

THE TEST REPORT

PREMIUM PRODUCTS

Define industry-leading standards and forge a quality FSILON



Type:Utility model patent
Code: ZL 2018 2 0672567



Type:Utility model patent
Code:ZL 2016 10078197.X



Type:Utility model patent
Code: ZL 2018 2 0680433.X



Type:Utility model patent
Code:ZL 2018 2 0216448.0



Report NO.DX20191989



Report NO.DX20200932



Report NO.DX20200803



Report NO.DX20200235



Type:Design Patent
Code:ZL 2018 3 0160744.9



Type:Design Patent
Code:ZL 2018 3 0161029.7



Type:Design Patent
Code: ZL 2018 3 0160743.4



Type:Design Patent
Code:ZL 2018 3 0161027.8



Report NO.DX20201153



Report NO.DX20200936



Report NO.WTN-0813



Report NO.DX20200236



Type:Design Patent
Code:ZL 2018 3 0194550.0



Type:Design Patent
Code:ZL 2018 3 0194531.8



Type:Design Patent
Code: ZL 2018 3 0194383.X



Type:Design Patent
Code:ZL 2018 3 0194561.9



Report NO.DX20202210



Report NO.DX20200621



Report NO.DX20200738



Report NO.DX20201149



Type:Design Patent
Code:ZL 2018 3 0194369.X



Type:Design Patent
Code:ZL 2018 3 0194508.9



Type:Design Patent
Code:ZL 2018 3 0194304.5



Type:Design Patent
Code:ZL 2018 3 0194370.2

HOSPITAL DECORATION PROJECT



Linzhou second hospital



Heze Traditional Chinese Medicine Hospital



Jiangsu Affiliated University Hospital



Linhai First Hospital



Peking Union Medical College Hospital



Wenzhou Medical College

SCHOOL DECORATION PROJECT



Lanzhou Technology and Business College



Beijing Normal University Dalian Campus



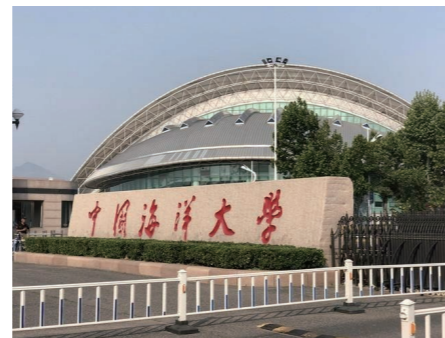
Tongxiang Experimental School



Pingxiang newcity School



Hunan University Of Technology and Business



Fushan Campus of Ocean University of China

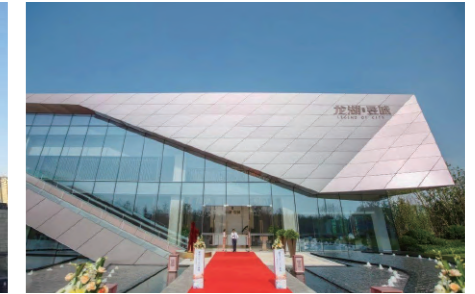
REAL ESTATE PROJECT



Greentown Foshan Yangliu County



Cangzhou Poly Lafite Mansion

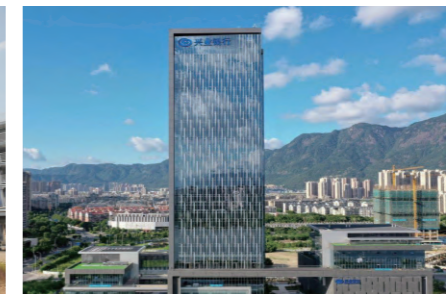


Qingdao Longhu City

REAL ESTATE PROJECT



Shenyang IKEA



Industry bank building



Xuzhou Hilton

REAL ESTATE PROJECT



Luzhou police office building



Gansu Jingning conservancy bureau



Beijing Shunyi District Transportation Bureau

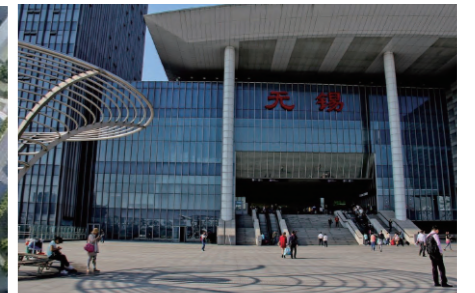
REAL ESTATE PROJECT



Harbin Metro Line 2



Qingdao Asian Cup Football Stadium



Wuxi Railway Station



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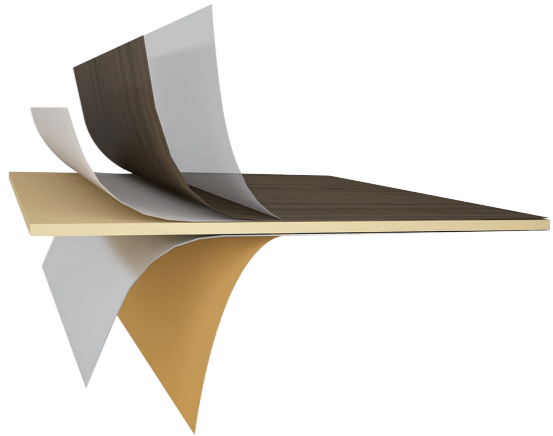
01
SELLING POINTS



SELLING POINT —ENVIRONMENT PROTECTION

The R&D philosophy of Fsilon Company is "Eco-friendly, Healthy products", and all products have been tested by authoritative institutions. No toxic heavy metals, no decoration pollution, away from formaldehyde, our product is insulation and noise reduction, provide a healthy home living environment for you.

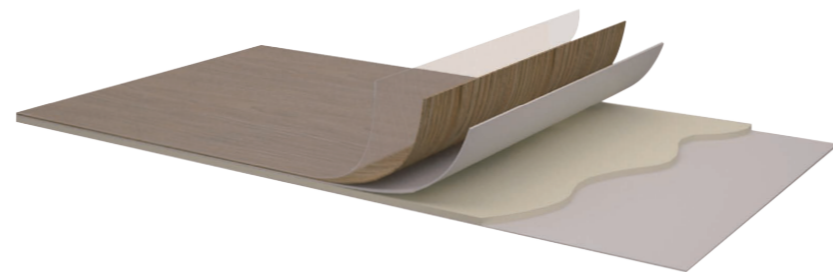
- 
Low carbon environment friendly
- 
Formaldehyde free and odorless
- 
Natural wood texture





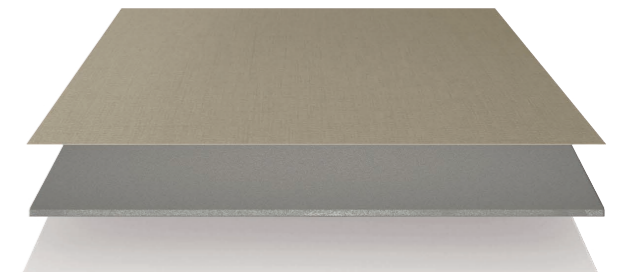
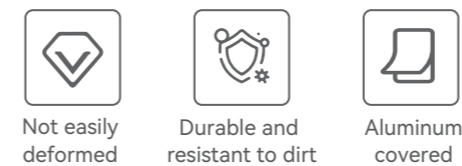
SELLING POINT —ANTI CRACKING

FSILON solve problems for different environments. By combining multiple layers of special processes, the material has multiple advantages in Anti corrosion, anti mold, anti insect, anti cracking.



SELLING POINT —DURABLE

Unlike common boards on the market, Fsilon's products are not easily deformed, resistant to dirt, and durable. By enhancing product density, adding surface protection layer, and covering with aluminum, the toughness, hardness, and reduction of thermal expansion and contraction ratio of the product are stronger.









02
FOUR MAIN PRODUCTS AND APPLICATION SCENARIOS

INTRODUCTION TO THE FOUR MAIN MATERIALS PRODUCTS

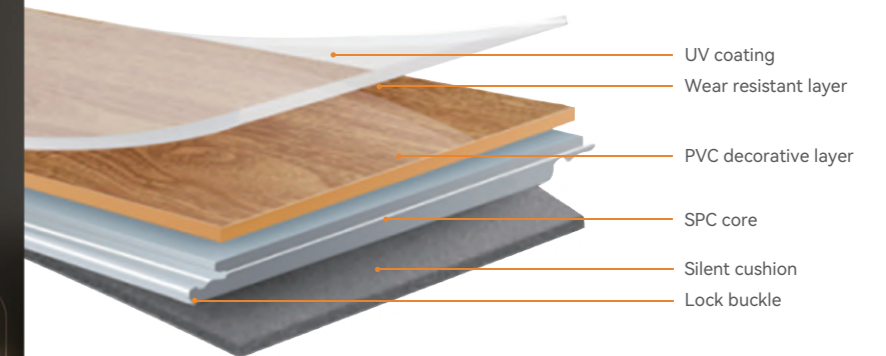
SPC FLOORING

The main raw materials are natural stone powder (heavy calcium carbonate), PVC resin, and auxiliary materials such as plasticizers and stabilizers are added. Made through processes such as rolling, hot pressing, and extrusion, it can be used for lamination, carving and slotting processes, with a variety of colors and shapes.

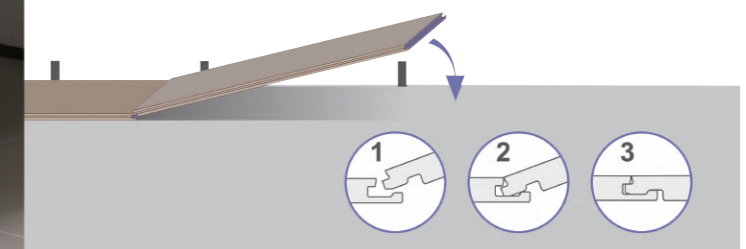


- 
Green and environmentally friendly
- 
Fire retardant and flame retardant
- 
Ultra thin and lightweight
- 
Easy to install

PRODUCT LAYERED DIAGRAM



INSTALLATION AND JOIN POINT ILLUSTRATION



Use a plug-in locking system to splice the short edges, insert the short edges into the female groove of the previous piece at an angle of 15-20 degrees, and the locking buckle will naturally fit after being laid flat on the floor; (Install the short edge first, then the long edge) Install the first row until the last piece, measure and mark it, then use an art knife to cut and break it, and use the cut part of the previous piece to start splicing the next row to stagger the pattern.

BEDROOM

APPLICATION SCENARIOS



APPLICATION SCENARIOS



APPLICATION SCENARIOS



Reception room



Kitchen/Living room

INTRODUCTION TO
THE FOUR MAIN MATERIALS PRODUCTS

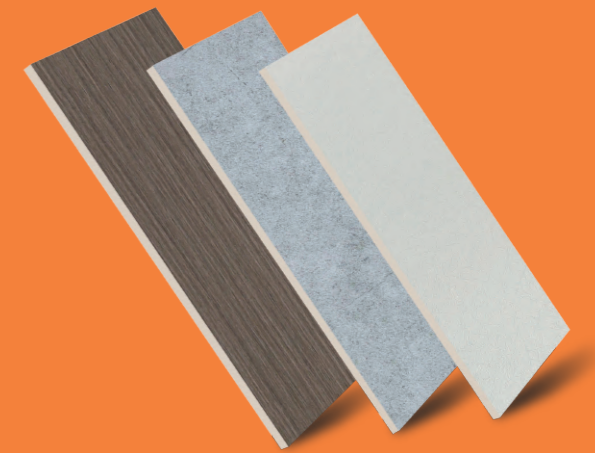
WPC WALL PANEL

 Non toxic
and environmentally
friendly

 Noise reduction
and moisture
prevention

 Easy to install

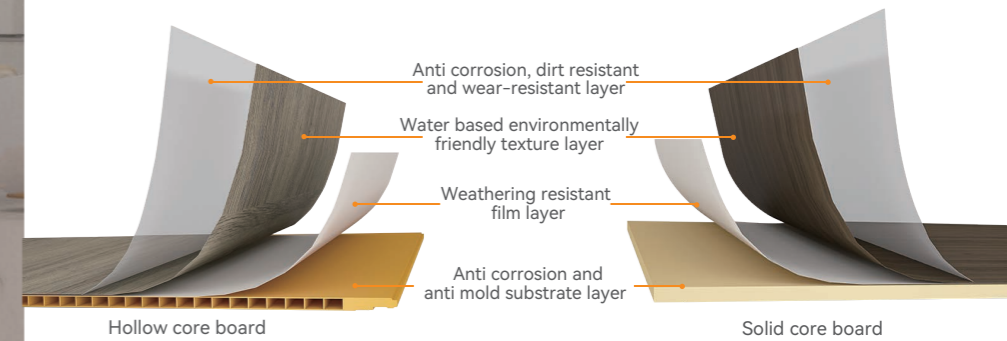
 High appearance
presentation



PRODUCT CHARACTERISTICS

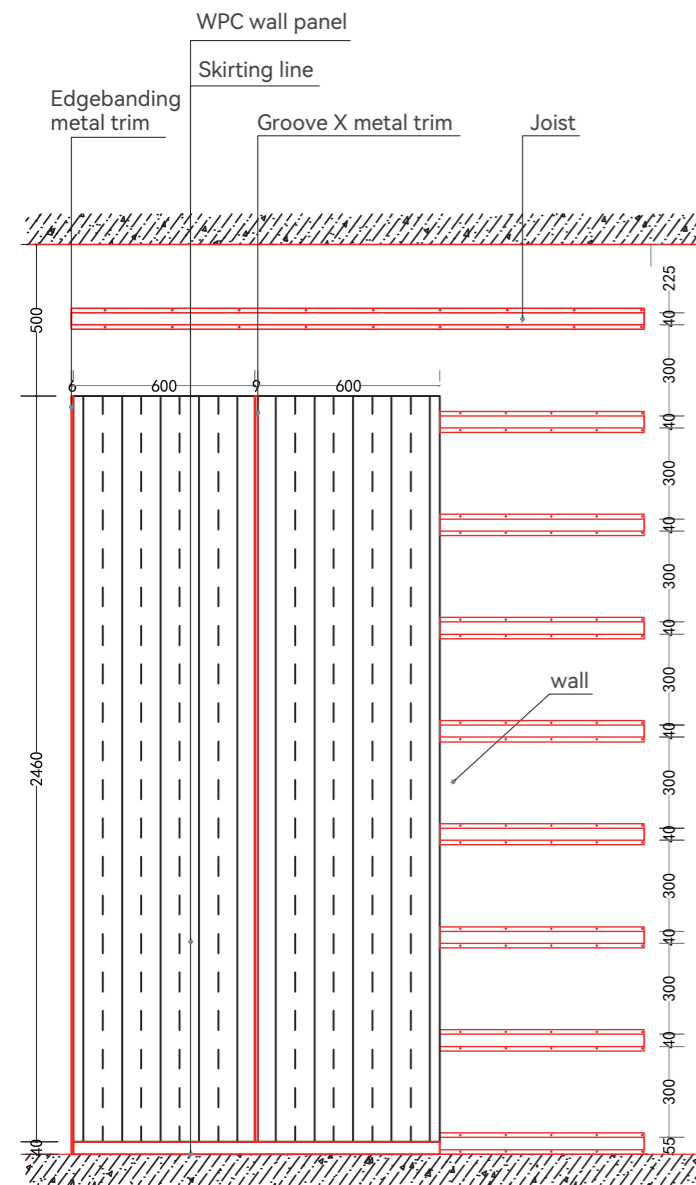
Solid WPC wall panel is made of Nature bamboo, wood powder, PVC and other material mixed eco-friendly decoration wall panel. 8mm Hollow core wall panel due to hollow structure. It is good sound insulation, moistureproof, thermal insulation.

PRODUCT LAYERED DIAGRAM



BAKERY

INSTALLATION INSTRUCTION



WPC WALL PANEL PERFORMANCE PARAMETER

ITEM	PERFORMANCE REQUIREMENT	
	Solid core	Hollow core
Density(g/cm ³)	0.8~1.1	
Moisture content/%	≤2	≤1.2
Bending strength/Mpa	average≥20	average≥18
	minimum≤15	minimum≤14
Dimensional stability/%	≤0.75	
Shore hardness(HD)	≥55	
Thickness swelling rate/%	≤0.4	≤0.5
Impact oughness at room temperature(KJ/m ²)	≥0.05	
Dent resistance/mm	≤0.5	
Scratch resistance	No more than 90% continuous scratches on the surface, no damage to the pattern	
Peel strength ^a /N	≥40	
VST(°C)	≥78	
Adhesion of coating ^b / level	≤2	
Surface resistance to contamination	No pollution and no corrosion	
Anti artificial climate aging	CF To Light(grey sample)/grade	≥3
Total volatile organic compounds (TVOC) (72h)	0.01mg/m ² ·h	
Heavy metal content	Soluble Pb	Not detected
	Soluble Cd	Not detected
	Soluble Cr	Not detected
	Soluble Hg	Not detected
Formaldehyde emission	0.05mg/m ³	

a. Suitable for decorative surfaces with film (PVC, PET, PU, wood veneer, etc.)
b. Suitable for WPC integrated wall panel.

APPLICATION SCENARIOS



Fast food restaurant

APPLICATION SCENARIOS



Medical reception



Office



Hospital

INTRODUCTION TO THE FOUR MAIN MATERIALS PRODUCTS

METAL COMPOSITE PANEL



Eco friendly



Fireproof Easy



Disassembly

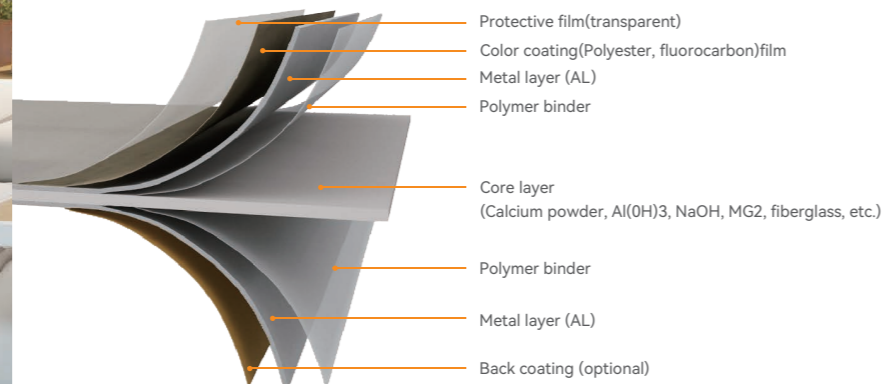


Thermal insulation



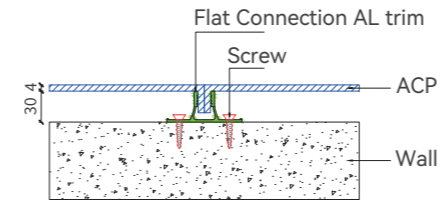
PRODUCT DESCRIPTION

The advantages of A-level Metal composite panels is security, A2 level fire rating and easy installation, dust-free and noiseless during construction.

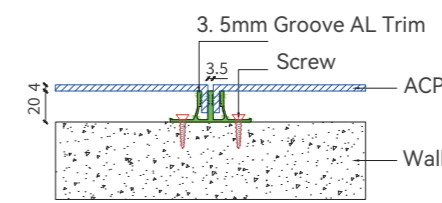


HOSPITAL WARD

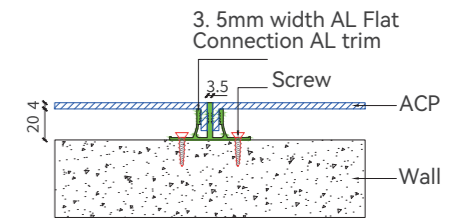
INSTALLATION INSTRUCTION



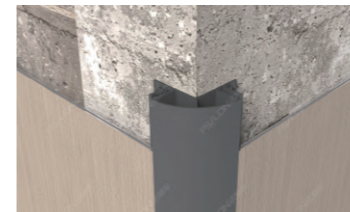
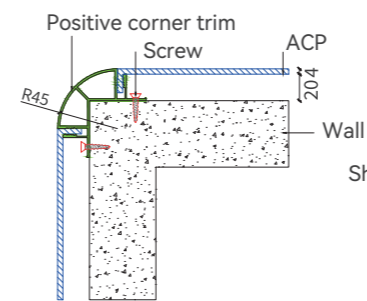
FLAT CONNECTION AL TRIM



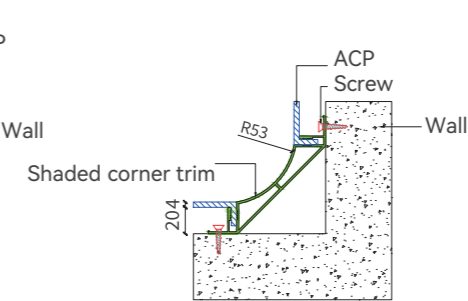
GROOVE AL TRIM



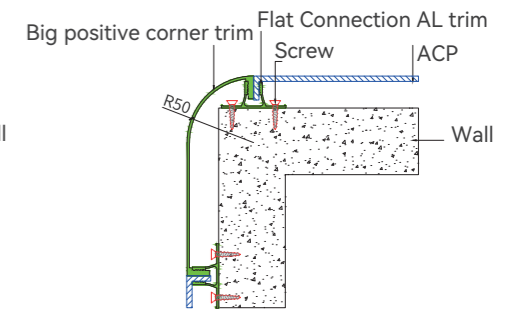
CONNECTION AL TRIM



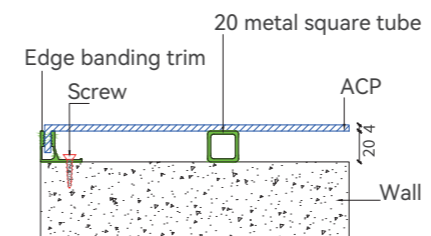
POSITIVE CORNER TRIM



SHADED CORNER TRIM



BIG POSITIVE CORNER TRIM



EDGE BANDING TRIM

ALUMIUM COMPOSITE PANELS PERFORMANCE PARAMETER

INSPECTION ITEM	STANDARD REQUEST	RESULT	CONCLUSION	TEST STANDARD	
Combustion Performance Class A (A2-s1, d0, t0)	Main part heat value (AL panel)	$\leq 3.0\text{MJ/kg}$	0MJ/kg	Qualify	GB/T 14402-2007
	Main part heat value (core material)	$\leq 3.0\text{MJ/kg}$	2.1MJ/kg	Qualify	
	Internal secondary heat value (polymeric membran)	$\leq 4.0\text{MJ/m}^2$	3.3MJ/m ²	Qualify	
	External secondary heat value	$\leq 4.0\text{MJ/m}^2$	1.6MJ/m ²	Qualify	
	Total heat value of combustion	$\leq 3.0\text{MJ/kg}$	2.6MJ/kg	Qualify	
	Combustion rate growth index (FIGRA _{0.2MJ})	$\leq 120\text{W/s}$	12W/s	Qualify	GB/T 20284-2006
	THR in 600s	$\leq 7.5\text{MJ}$	1.2MJ	Qualify	
	Lateral flame spread	Not reach the experimental long wing edge	Not reach the experimental long wing edge	Qualify	
	Smoke production in 600s	$\leq 50\text{m}^2$	36m ²	Qualify	
	Flue gas formation rate	$\leq 30\text{m}^2/\text{s}^2$	1m ² /s ²	Qualify	
Combustion particles	NO Combustion particles IN 600S	NO Combustion particles IN 600S	Qualify		
Smoke toxicity	Reach quasi-safety level one	Reach quasi-safety level one	Qualify	GB/T 20285-2006	
burning sample installation instructions	Install as required the decoration surface is tested. The backplane of the sample is a calcium silicate plate with a thickness of 12mm and a density of 800kg/m3.				

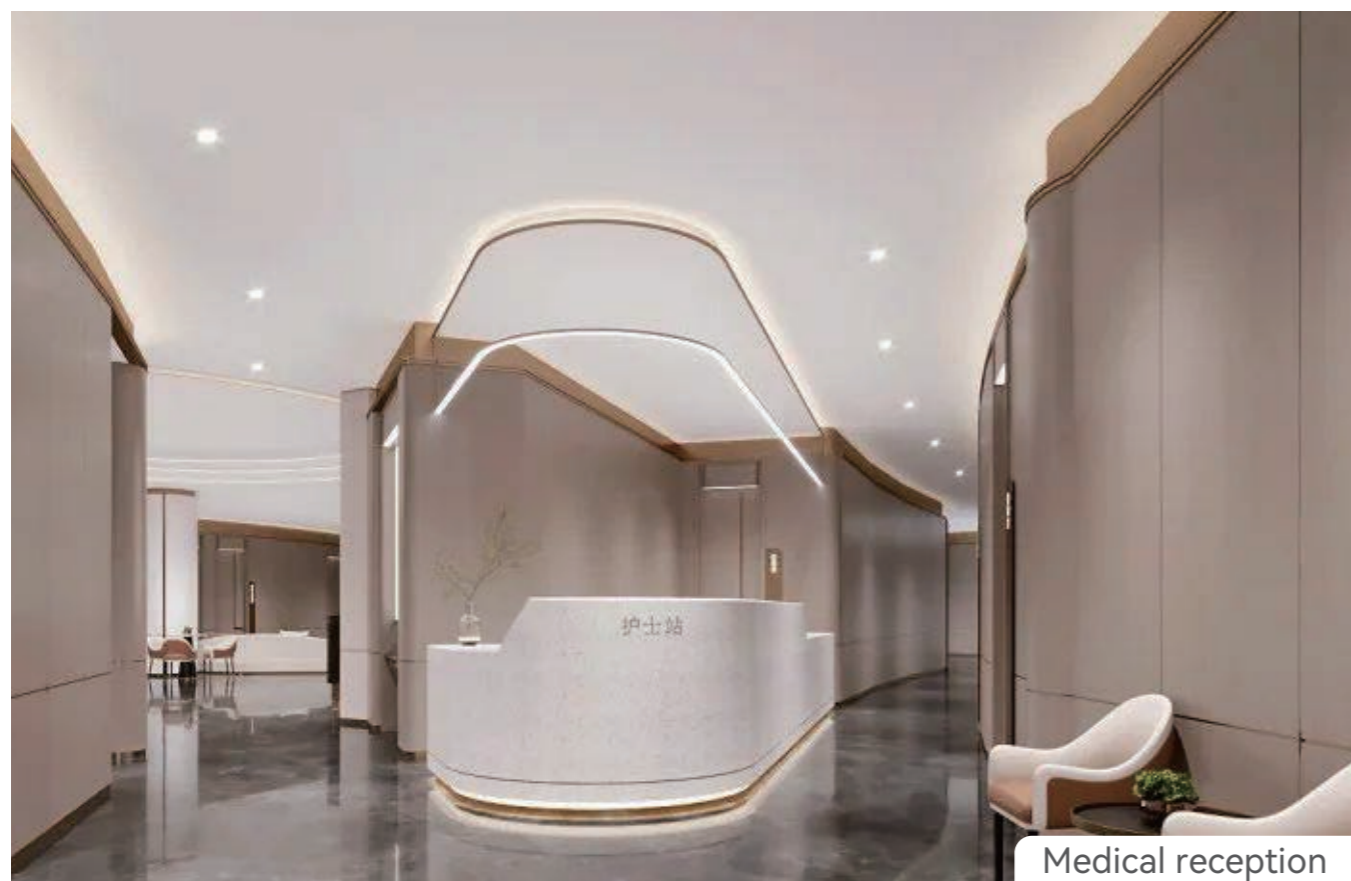
APPLICATION SCENARIOS



APPLICATION SCENARIOS



Hospital ward



Medical reception

INTRODUCTION TO
THE FOUR MAIN MATERIALS PRODUCTS

ALUMINUM HONEYCOMB PANEL



Eco-friendly



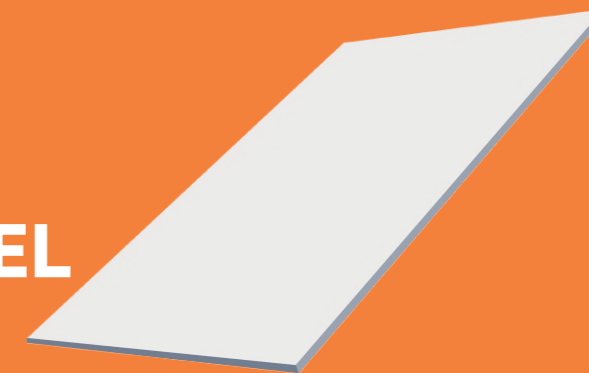
Fireproof



Flatness

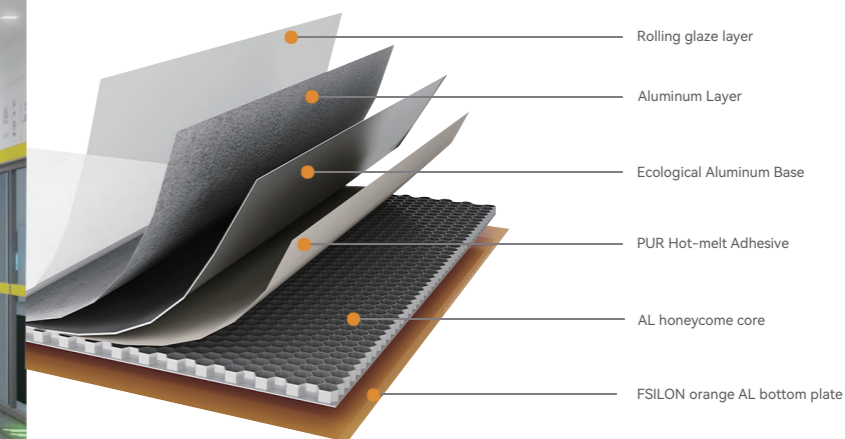


Delicate
texture



SUBWAY STATION

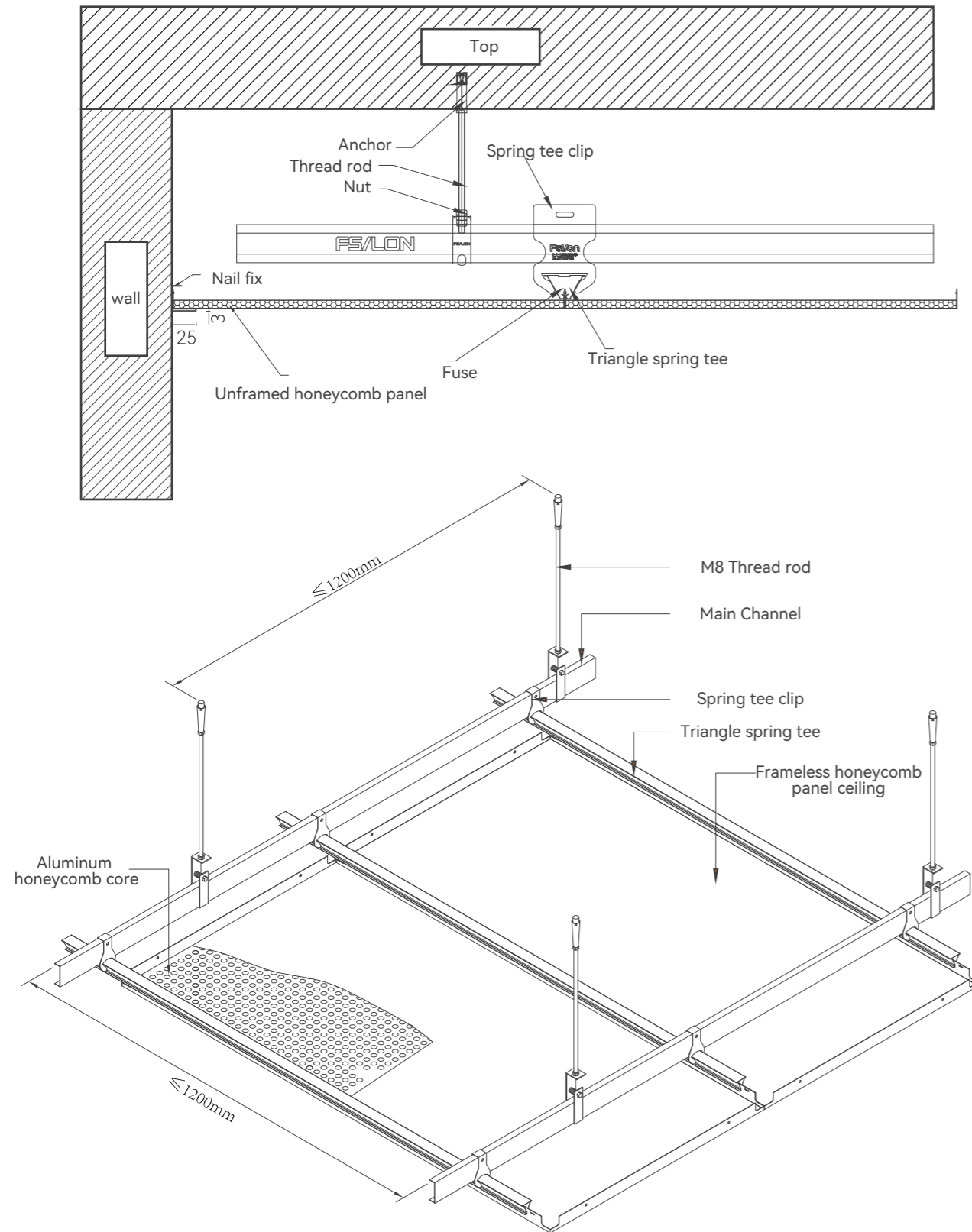
PRODUCT STRUCTURE



PRODUCT DESCRIPTION

Frameless honeycomb panel is composed by multi layer aluminum coil and aluminum honeycomb core, it is good flatness with micro-seam splicing. Experiment shows that 10mm thickness Frameless honeycomb panel is more sound insulation, heat insulation, impact Home decoration, hotel, chain restaurants, etc resistance, higher flatness and improve the utilization rate of space.

INSTALLATION INSTRUCTION



HONEYCOMB PANEL PERFORMANCE PARAMETER

INSPECTION ITEM	STANDARD REQUEST	RESULT	CONCLUSION	TEST STANDARD	
Surface hardness	\geq HB	2H (Zhonghua Pencil)	Qualify	JC/T 2113-2012 7.7.1 GB/T 6739-2006	
Adhesion	Standardizing laboratory	Level 0	Level 0	Qualify	Q/CYCTC 0110-2017 GB/T 17748-2008 7.7.4 GB/T 9286-1998(2004)
Carbonate resistance	No change	No change	Qualify	Q/CYCTC 0110-2017 GB/T 17748-2008 7.7.7	
Alkali resistance	No change	No change	Qualify	Q/CYCTC 0110-2017 GB/T 17748-2008 7.7.8 GB/T 11942-1989	
Flat tensile strength	Average \geq 0.6Mpa Minimum \geq 0.4Mpa	Average 1.13Mpa Minimum 0.97Mpa	Qualify	JC/T 2113-2012 7.7.13 GB/T 1452-2005	
Flat compression strength	\geq 0.6Mpa	1.07Mpa	Qualify	JC/T 2113-2012 7.7.13 GB/T 1455-2005	
Flat elastic modulus	\geq 25Mpa	45.3Mpa	Qualify		
IPSS	\geq 0.4Mpa	0.54Mpa	Qualify	JC/T 2113-2012 7.7.14 GB/T 1455-2005	
Plane shear elastic modulus	\geq 3.0Mpa	3.73Mpa	Qualify		
Shear stiffness	\geq 1.0x10 ⁴ N	3.53x10 ⁴ N	Qualify	JC/T 2113-2012 7.7.15 GB/T 1456-2005	
Formaldehyde emission (climate chamber method)	E1 \leq 0.124mg/m ³	0.05mg/m ³	Qualify	GB 18580-2017 5 GB/T 17657-2013 4.60	

APPLICATION SCENARIOS



APPLICATION SCENARIOS





03
**FOREIGN
 TRADE MODEL**

BUSINESS MODEL

To provide customers with easier simple and efficient one-stop services
 To help overseas customers upgrade and improve their business

CHEAP-RATE DIRECT PROCUREMENT

2%\$
 DIRECT PROCUREMENT
 COMMISSION

**DOMESTIC INDUSTRIAL CHAIN PARITY
 DIRECT PROCUREMENT SERVICES**
 For domestic advantageous industry chain manufacturers, with FSILON collection and integration advantages, we provide overseas customers with one-stop pallets direct procurement services, reduce the cost of overseas customers and improve the operational efficiency of overseas customers
SHARED SUPPLY CHAIN

DIRECT SUPPLY ON OWN BUSINESS

5%\$
 DIRECT SUPPLY FEE

SELF-OPERATED DIRECT SUPPLY SERVICE
 Provide direct source service of FSILON self-owned products to meet the needs of the creation of assembled system solutions, provide overseas customers with more competitive systematic assembled solutions, and enhance the business competitiveness of overseas customers
PRODUCT EXPORT

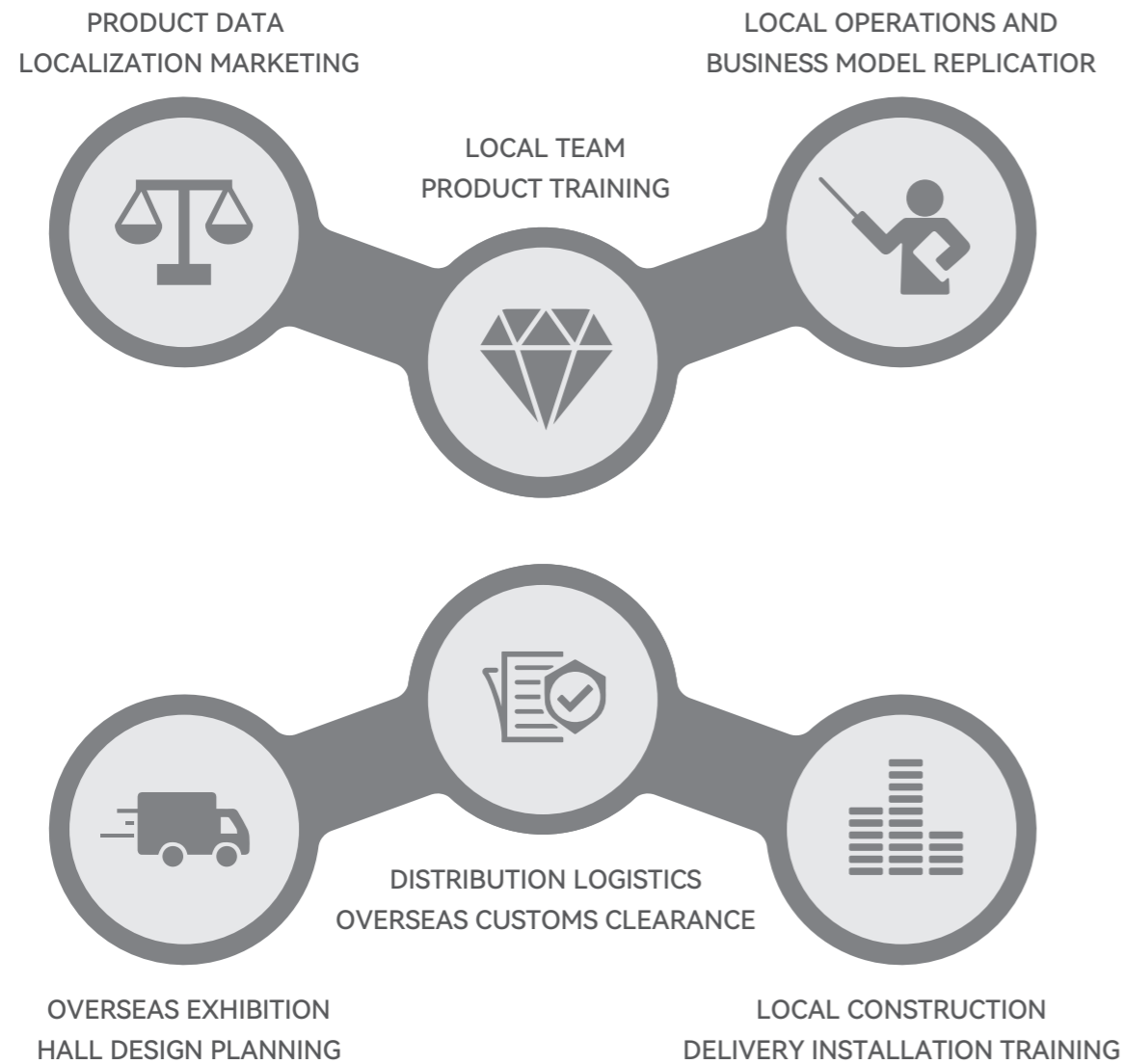
ONE-STOP SERVICE

2W\$
 AGENCY SERVICE FEE

SYSTEMATIC ONE-STOP SERVICE
 Provide overseas customers with export authorization, distribution and other services, and provide brand agency, model services, technical training, localized construction delivery guidance and training, and help overseas customers to implement operation systems (including design system, product system, delivery system, construction system, marketing system, etc.)
LOCAL SERVICE

SERVICE SYSTEM

Provide six service systems based on the whole business process to help overseas customers build and improve their full business capacity



FREE SERVICE



DESIGN SERVICES

Free program design training

 Client design provided



SALES SERVICES

Marketing skills training

 Project negotiation assistance



DELIVERY SERVICES

Construction technology training

 Construction guidance

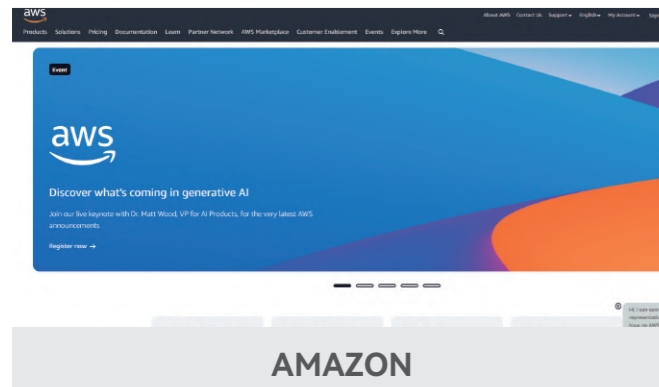


OVERSEAS PROMOTION

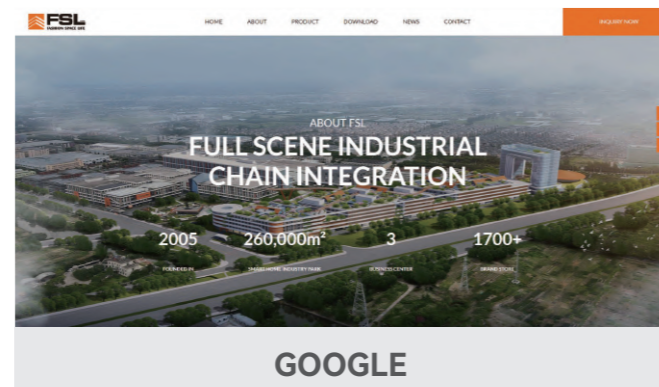
COOPERATIVE CUSTOMER

PROMOTION ASSISTANCE

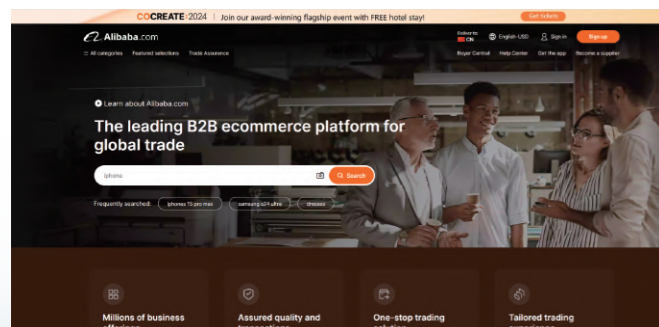
United States, United Arab Emirates, Kyrgyzstan, Taiwan
Indonesia, Bangladesh, Germany, etc



AMAZON



GOOGLE



ALIBABA INTERNATIONAL STATION



OVERSEAS EXHIBITION

