



Comparison of Different Panels

Performance	Steel cement panel	Steel hollow panel	Woodcore panel	Calcium Sulphate panel	Die-casting aluminum panel	Aluminum honeycomb anti-static panel	
Ultimate load	A	B	C	D	E	D	
Safety factor	A	B	C	D	E	D	
Overload protection	A	B	C	D	E	D	
Fire rating	A	B	E	A	E	A	
Panel size	B	B	B	B	A	B	
Panel weight(bare fish)	C	A	A	E	A	A	
Bare panel sound insulation	C	C	B	A	E	A	
Walking feeling	A	B	A	A	B	A	
Recycled content	B	B	D	A	E	A	
Support for Green building certificate	B	B	D	A	E	A	
Cost efficiency	A	D	D	B	E	B	
Cutting ease and cost	B	A	A	E	C	D	
Application	Office	A	B	A	A	E	A
	Data center	A	B	D	B	B	B
	Education	A	D	A	B	E	B
	Casino	A	E	D	A	B	A
	Industrial cleanroom	B	E	E	E	A	E
	Library	A	C	B	A	E	A

Note:

(1) ZTFLOOR has continuous product and product data improvement.

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(2) 'A'---Most advantage, 'E'---Least advantage.

(3) The comparison is based on the panels of the same concentrated loading grade.

CHANGZHOU WUJIN ZHONGTIAN COMPUTERROOM EQUIPMENT CO.,LTD

Address: Weixing Industrial Zone,Henglin,213103 Changzhou, Jiangsu, P.R.of China

■ ZTFLOOR passes third-party Green Material certificate, please contact with company sales for more details.

■ For more new products, please contact with ZTFLOOR sales.

(2024-2025)

ACCESS FLOOR SYSTEM



**CHANGZHOU WUJIN ZHONGTIAN
COMPUTERROOM EQUIPMENT CO.,LTD**

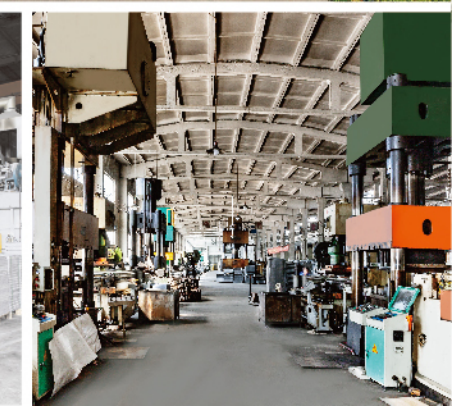
Introduction

ZTFLOOR was founded in 1988, with an area of 80,000 square meters and 260 employees.

The main products are access floor panels, accessories and data center products. As one of the largest access floor manufacturers and exporters in China, every year ZTFLOOR supplies over 3 million square meters of access floor in commercial office buildings, data centers, educational facilities, the casinos, clean rooms and libraries.

ZTFLOOR leverages its 30+ years of experience in the industry to provide support to customers by its high efficiency, energy conservation, intelligence and green spaces products.

Certificates



STEEL CEMENTITIOUS PANEL

ZT50 OA PANEL

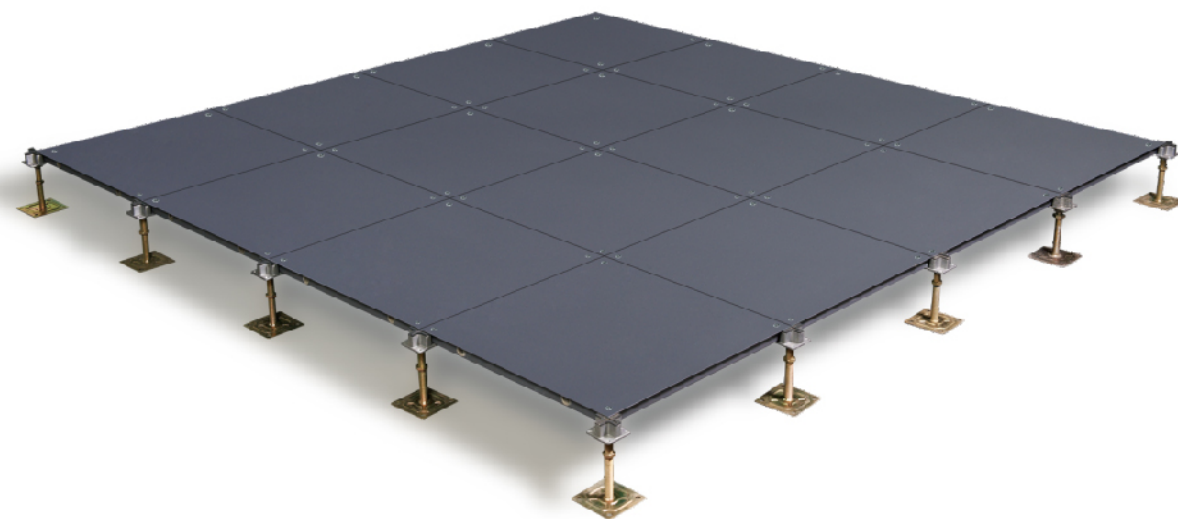
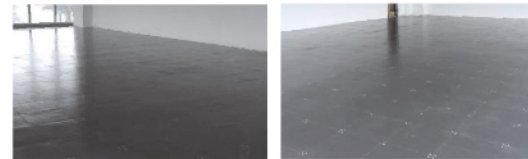


Product property

- Panel weight : 8 -12kgs/pc
- ASTM E136-11: Non combustible
- BS476-4: Non combustible
- ASTM E84-14: Class A
- EN13501: Class A1
- ASTM E492-09: IIC58
- ASTM E283-04 25Pa:≤0.3L/s·m²
- NIOSH9002: Asbestos-free
- LEED assessment report available

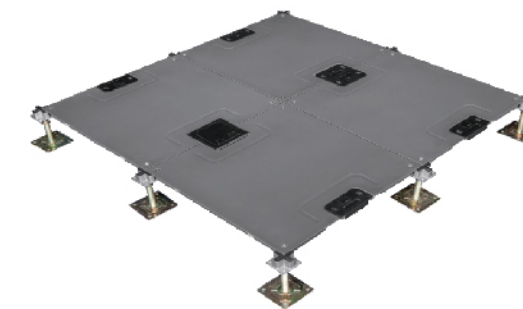
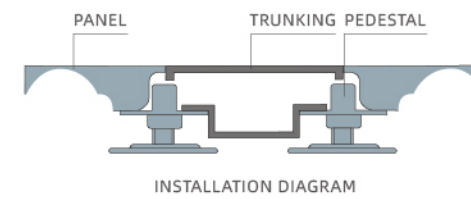
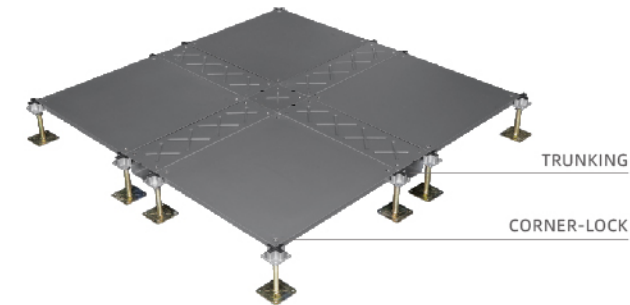
Structure

ZT50 OA panel is made of steel plate, top SPCC steel, bottom ST14 steel, after pan formed and joined together by resistance welding, the panel is coated with epoxy paint, then infilled with light cement.



STEEL CEMENTITIOUS PANEL

ZT50 OA PANEL



Wire Trunking System

A workstation can be easily and quickly relocated with cable management without disruption. Convenient for connecting wire at any point without cutting floor. Suitable for all kinds of plug socket terminals. Adjustable wire-connected location.



ZT50 (front)



ZT50 (back)



ZT50-C2 (front)



ZT50-C2 (back)

Specifications

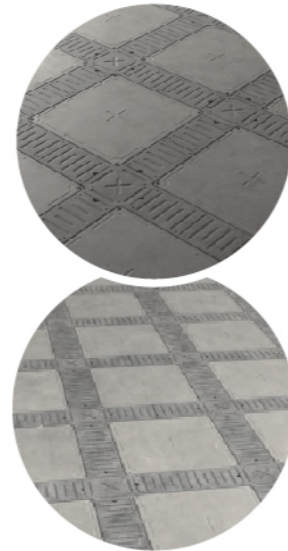
Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	RollingLoad	Standard
International	mm	N	N	N	N/M ²	10times 10000times	
SC668	500x500x28	≥3000	670	≥9000	≥12500	2200 1500	CISCA
SC800	500x500x28	≥3600	670	≥10800	≥19800	3000 2200	
SC1000	500x500x28	≥4500	670	≥13500	≥23300	3600 3000	

STEEL CEMENTITIOUS PANEL

ZT50-B PANEL

Structure

ZT50-B panel is elevated innovation and breakthrough, comparing with traditional access floor system. The new ZT50-B series has the same advantage of ZT50 panel, but more convenient, environmental protected.

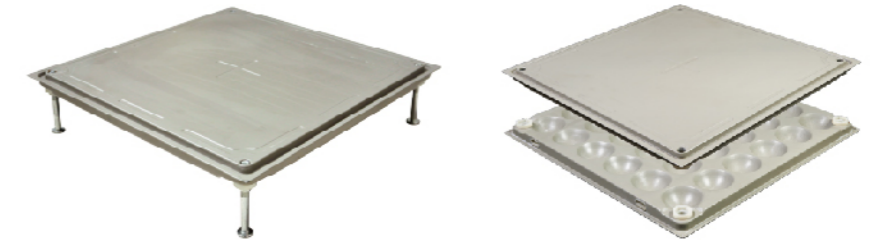


Product property

- Environmental protected, economical and recyclable.
- Light weight, 1/2 to 2/3 of common access floor.
- Good conductivity and air leakage, flexible trunks for wires and cables.
- Specially designed for low finished flooring height.

STEEL CEMENTITIOUS PANEL

ZT50-B PANEL



Product Description

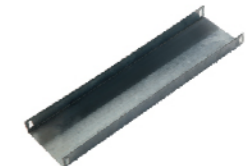
ZT50-B panel is supported by 4 pedestals and flank cap and central cap.



CENTER CAP



FLANK CAP



TRUNKING



OUTLET BOX



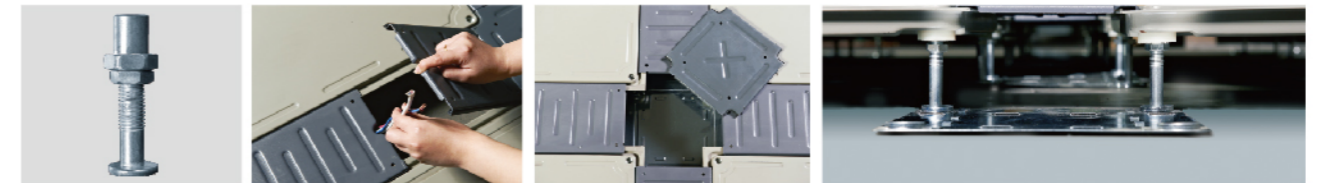
BASE CONNECTOR



SCREW PEDESTAL

Trunking

Trunking for wires is one of the advantages of ZT trunking floor. Cover flank covers on basic panel edges after lying wires in trunks. Each panel stands separately, making it very convenient to lie flank cover before or after wires.

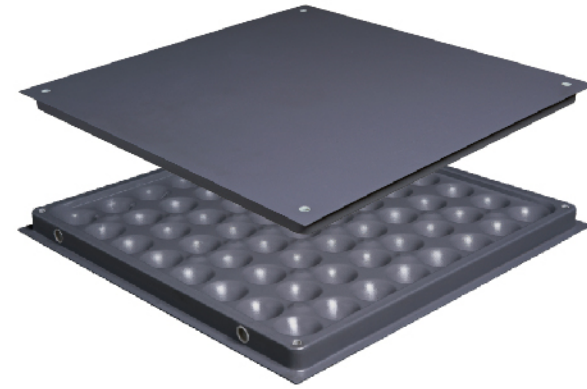


Specifications

Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	RollingLoad	Standard
International	mm	N	N	N	NM ²	10times 10000times	
SC668	500x500x25	≥ 3000	670	≥ 9000	≥ 12500	2200 1500	CISCA
SC800	500x500x25	≥ 3600	670	≥ 10800	≥ 19800	3000 2200	
SC1000	500x500x25	≥ 4500	670	≥ 13500	≥ 23300	3600 3000	

STEEL CEMENTITIOUS PANEL

ZT60 PANEL

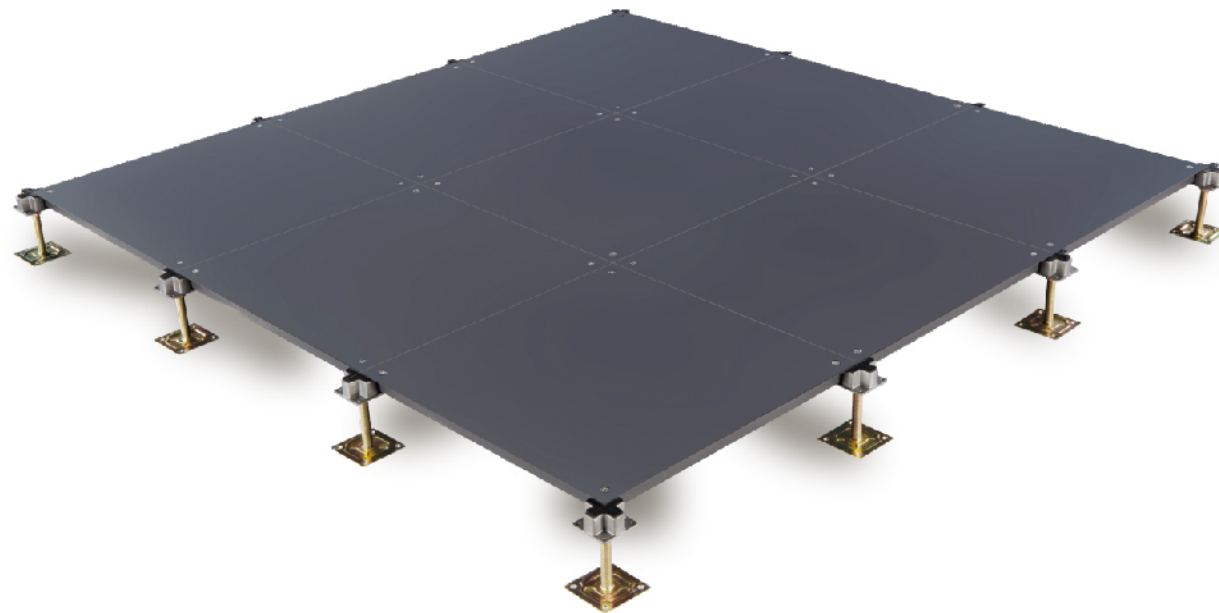


Structure

ZT60 OA panel is made of steel plate, top SPCC steel, bottom ST14 steel, after pan formed and joined together by resistance welding, the panel is coated with epoxy paint, then infilled with light cement.

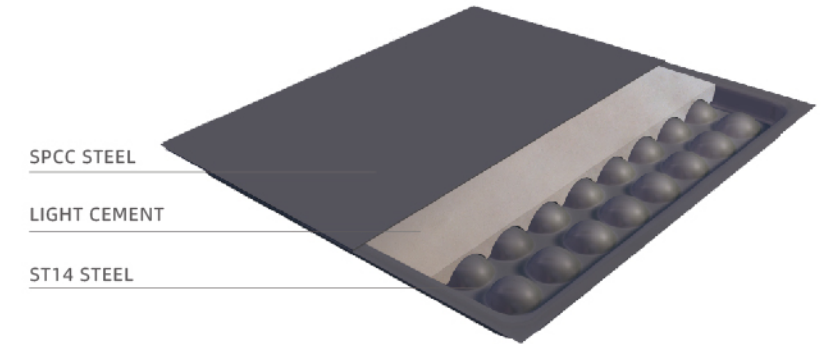
Product property

- Panel weight : 12 ~22kgs/pc
- ASTM E136-11: Non combustible
- BS476-4: Non combustible
- ASTM E84-14: Class A
- EN13501: Class A1
- ASTM E492-09: IIC58
- ASTM E283-04 25Pa: ≤0.3L/s·m²
- NIOSH9002: Asbestos-free
- LEED assessment report available



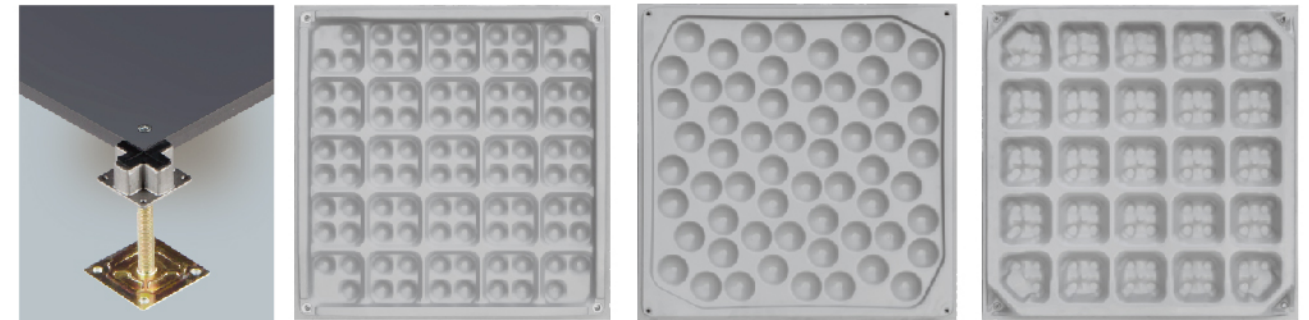
STEEL CEMENTITIOUS PANEL

ZT60 PANEL



Structure

- Screw down design supports the system effectively and makes the installation easily and stable.
- The load is transferred directly onto the center of pedestal column.
- Different types of understructures are available for installation of OA panel system.



Specifications

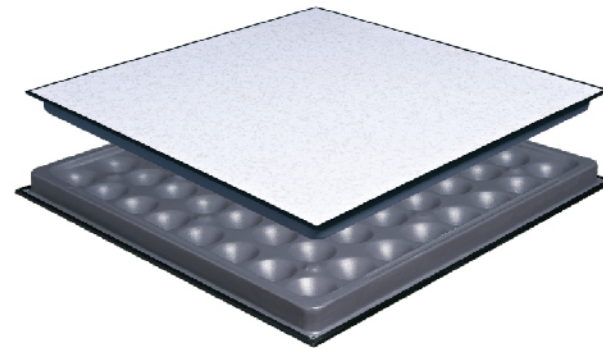
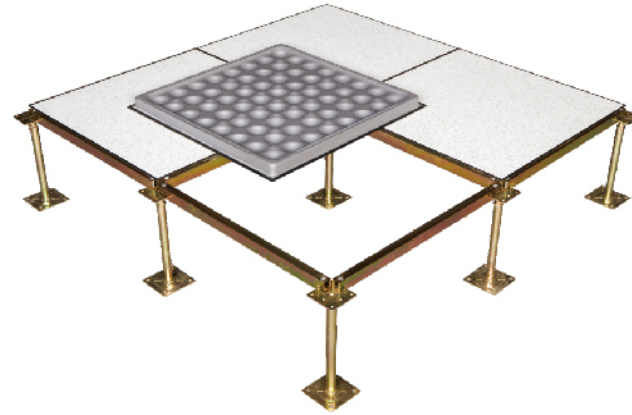
Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	RollingLoad	Standard
International	mm	N	N	N	N/M²	10times 1000times	
SC668	600x600x35	≥ 3000	670	≥ 9000	≥ 12500	2200 1500	CISCA
SC800	600x600x35 610x610x35	≥ 3600	670	≥ 10800	≥ 19800	3000 2200	
SC1000	600x600x35 610x610x35	≥ 4500	670	≥ 13500	≥ 23300	3600 3000	
SC1250	600x600x35 610x610x35	≥ 5600	670	≥ 16800	≥ 33100	4500 3600	
SC1500	600x600x35 610x610x35	≥ 6700	670	≥ 20100	≥ 42600	5600 4500	
SC2000	600x600x35 610x610x35	≥ 8900	780	≥ 26700	≥ 49800	6700 5600	
SC2500	600x600x35 610x610x35	≥ 11100	780	≥ 33300	≥ 58300	8900 6700	
SC3000	600x600x35 610x610x35	≥ 13300	880	≥ 39900	≥ 66900	11100 8900	

STEEL CEMENTITIOUS PANEL

LAMINATE PANEL

Feature

- Used for computer room, data center and communication center
- Excellent rolling load & ultimated load performance
- Light weight cement makes panels solid and quiet
- Black/grey epoxy paint finish for long time protection
- Class A flame spread and smoke development rating
- Convenient installation supplies an excellent solution for office integrity, wiring and date cable service



Wide range finishes available

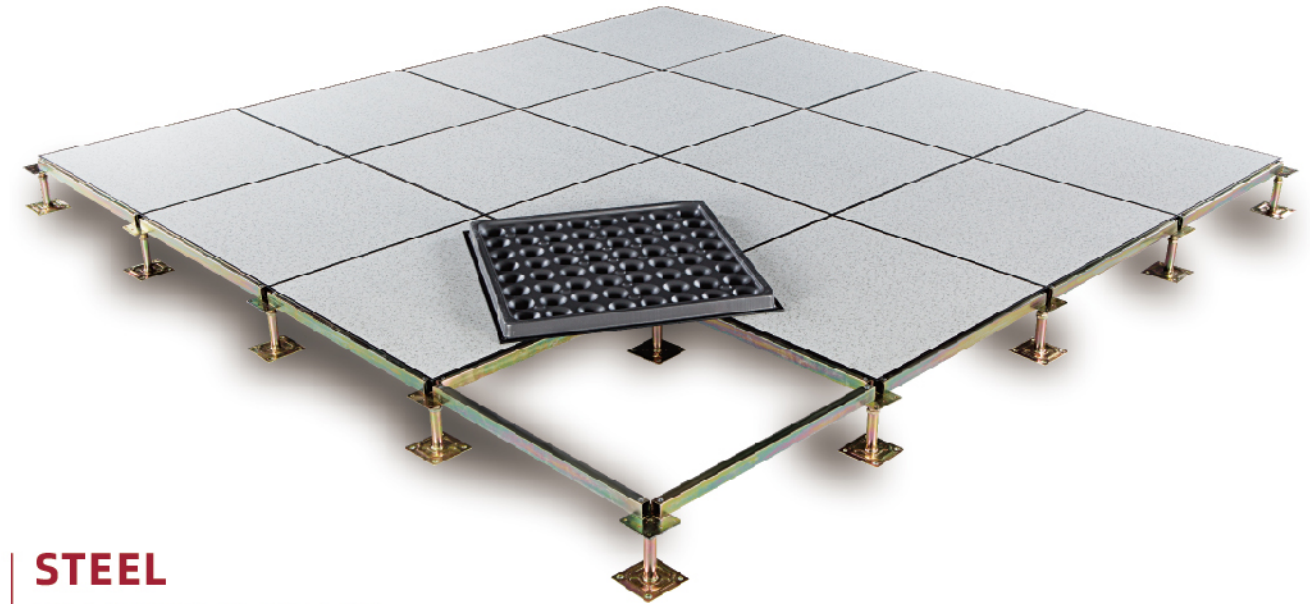
- High Pressure Laminate
- Conductive vinyl tile
- Ceramic

LAMINATED TILE

SPCC STEEL

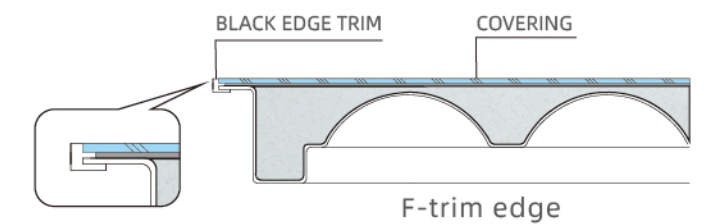
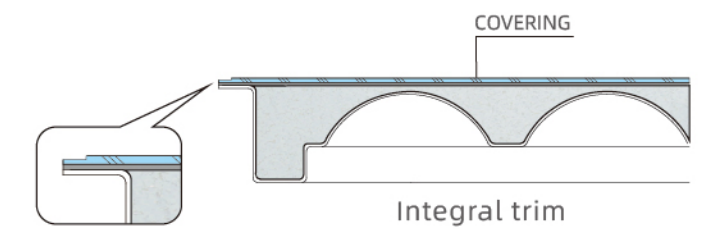
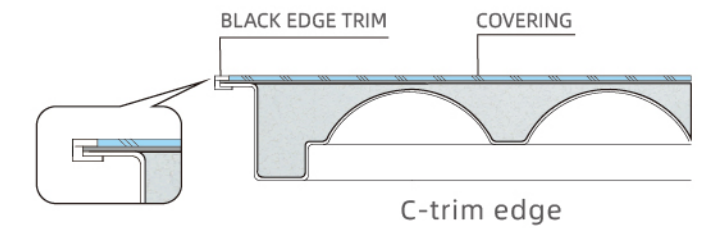
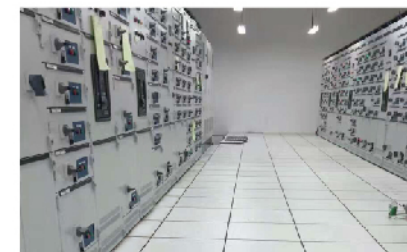
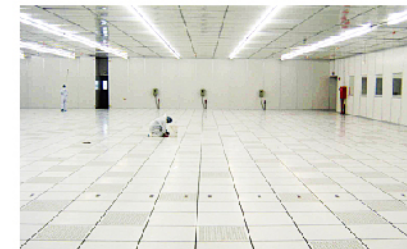
LIGHT CEMENT

ST14 STEEL



STEEL CEMENTITIOUS PANEL

LAMINATE PANEL



CALCIUM SULPHATE ACCESS FLOOR

ENCAPSULATED PANEL

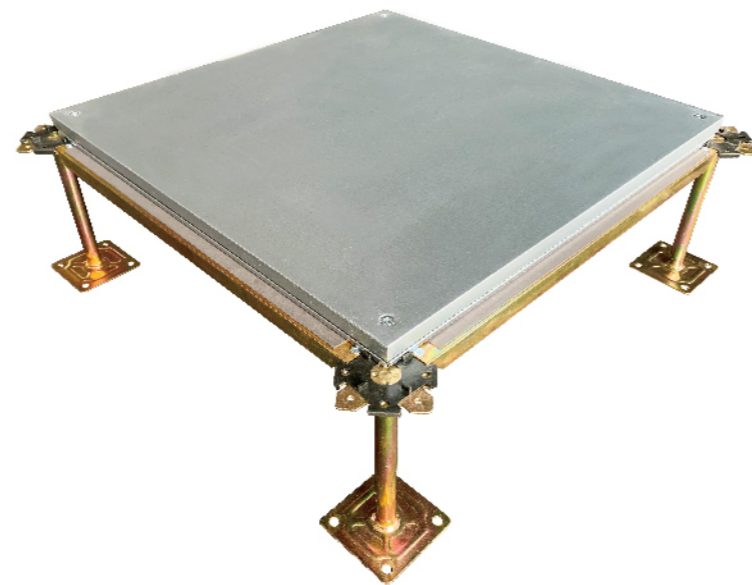


Feature

High density calcium sulphate core encapsulated with high-quality galvanized steel

Product property

- Panel weight : 10 -22kgs/pc
- Panel thickness: 25-40mm
- EN12825 dimension tolerance: 1
- EN13501: Class A1
- EN1366-6 fire rating: 2hours
- ASTM E492-09: IIC55
- ASTM E283-04 25Pa: $\leq 0.3L/s \cdot m^2$
- NIOSH9002: Asbestos-free
- QBIT 2591-2003: Antibacterial
- LEED assessment report available

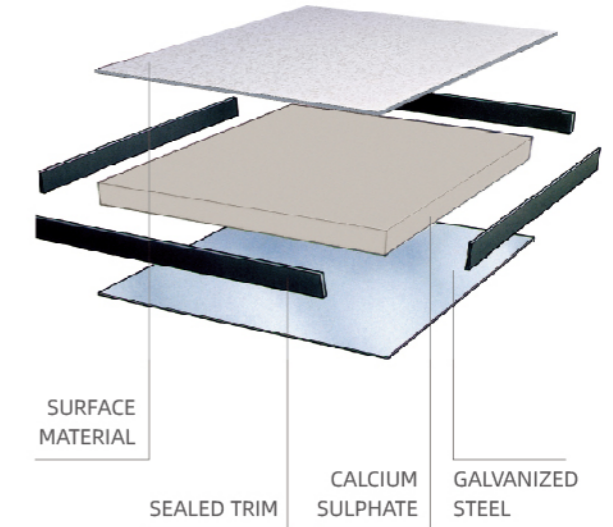


Specifications

Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	Rolling Load		Standard
International	mm	N	N	N	NM ²	10times	10000times	
C800	500x500/600x600/610x610	≥ 3600	670	≥ 7200	≥ 19800	3000	2200	CISCA
C1000	500x500/600x600/610x610	≥ 4500	670	≥ 9000	≥ 23300	3600	3000	
C1250	500x500/600x600/610x610	≥ 5600	670	≥ 11200	≥ 33100	4500	3600	

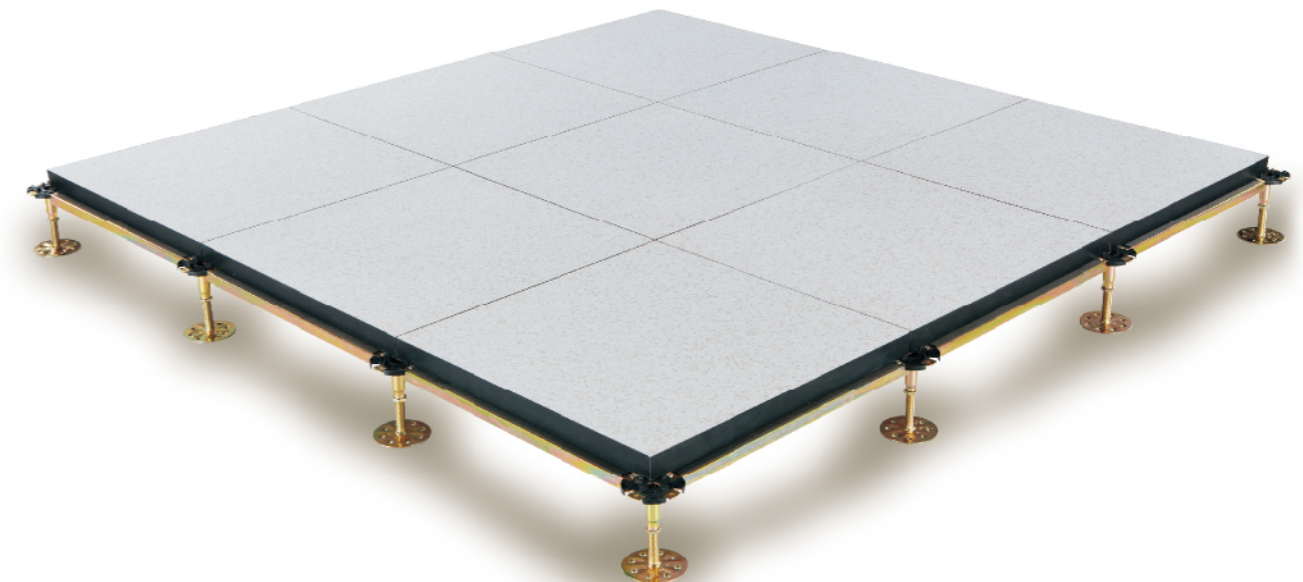
CALCIUM SULPHATE ACCESS FLOOR

ABS SEALED PANEL



Structure

With high density calcium sulphate core, panel surface can be laminated with HPL/conductive PVC, bottom with high-quality galvanized steel, four sides with ABS sealing.



WOODCORE ACCESS FLOOR

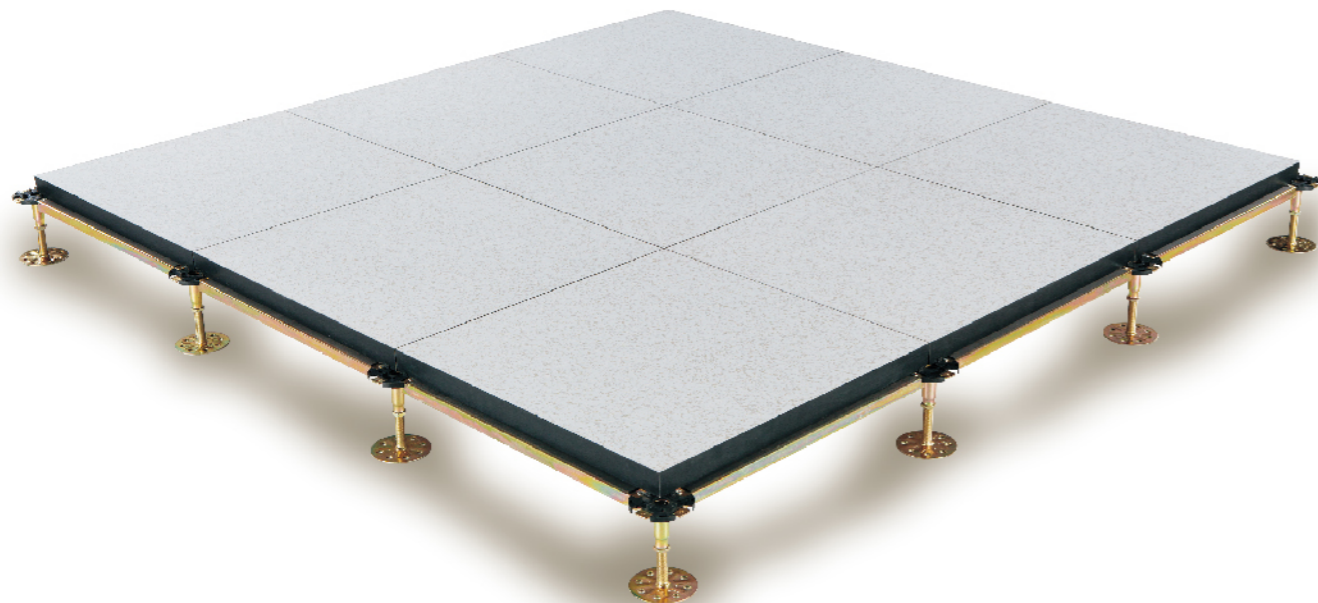
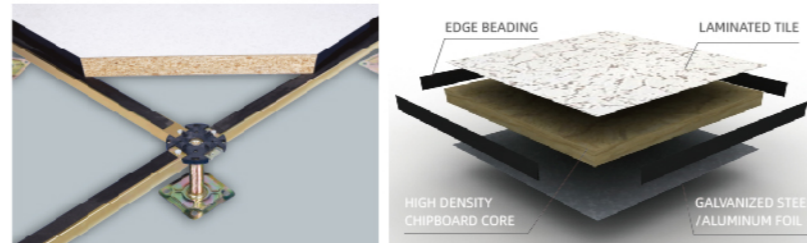
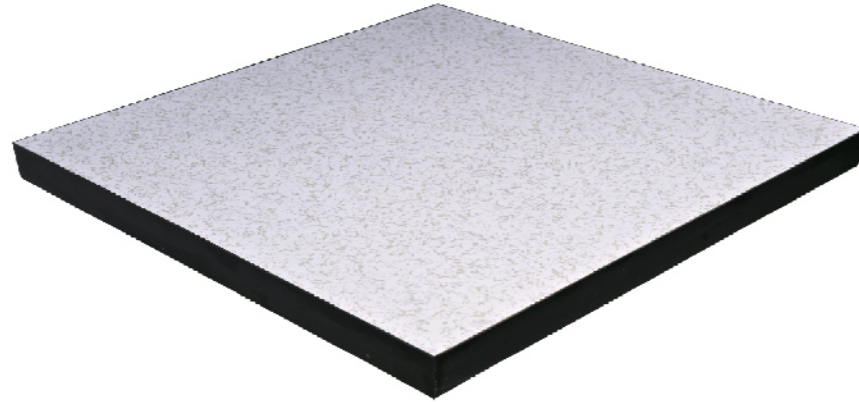
ABS SEALED PANEL

Structure

Woodcore panel consists of high-density (720kg/m³) chipboard, panel surface can be laminated with HPL/ conductive PVC, bottom with high-quality galvanized steel, four sides with ABS sealing.

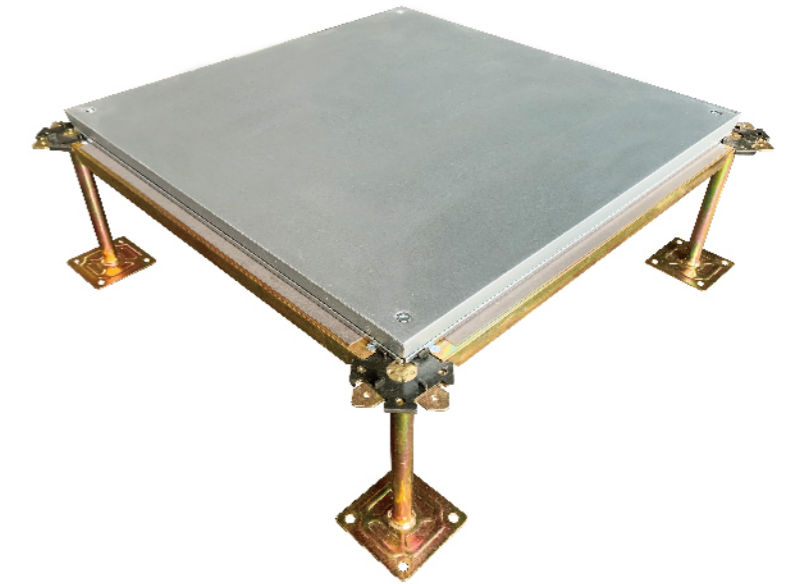
Product property

- Panel weight : 5 -15kgs/pc
- Panel thickness: 20-40mm
- EN12825 dimension tolerance: 2
- EN1366-6 fire rating: 15minutes
- EN ISO140-12 sound insulation: 50



WOODCORE ACCESS FLOOR

ENCAPSULATED PANEL



Structure

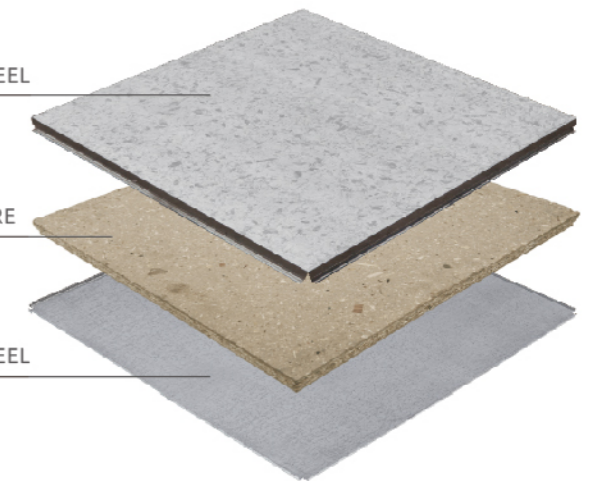
High density chipboard core wrapped with high-quality galvanized steel.



GALVANIZED STEEL

CHIPBOARD CORE

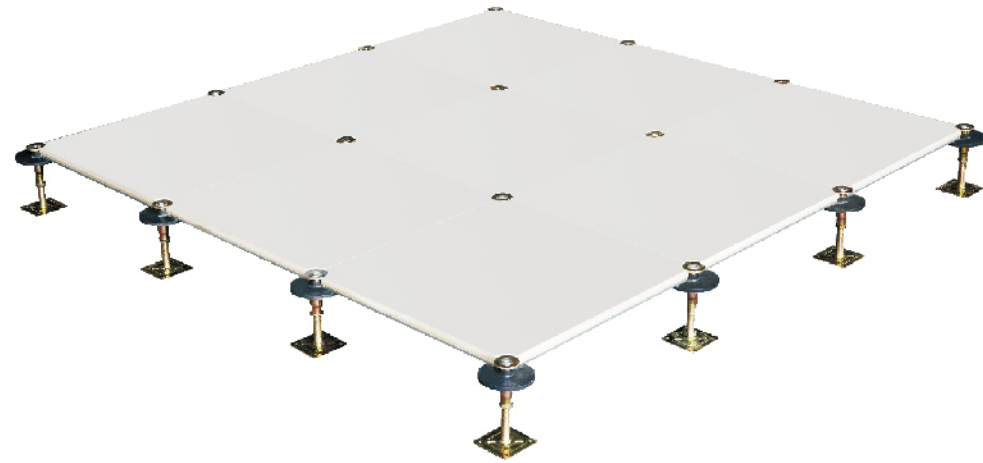
GALVANIZED STEEL



Specifications

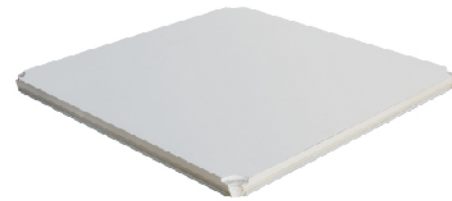
Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	RollingLoad		Standard
International	mm	N	N	N	N/M ²	10times	10000times	
W668	600x600/610x610	≥3000	670	≥6000	≥12500	2200	1500	CISCA
W800	600x600/610x610	≥3600	670	≥7200	≥19800	3000	2200	
W1000	600x600/610x610	≥4500	670	≥9000	≥23300	3600	3000	

GRC FLOOR



Structure

GRC floor uses high quality cement and gypsum powder as main raw materials, combined with reinforcing fiber, not only keep the raw material itself superior fire resistance, more raised the bearing of products. Because the floor did not use a metal material on the surface, the foot feeling is closer to the floor entity and creates a down to earth feel. GRC floor small size, light weight, not only can be more convenient in the construction, but also reduces the load of the raised floor system to the floor, making the service life of the floor more durable. GRC floor plate is more light, combined with adjustable height, improves the space utilization of underfloor wiring. Easy installation, high demension accuacy and excellent interchangeability. Recyclable, save resources and protect the environment.



Specifications

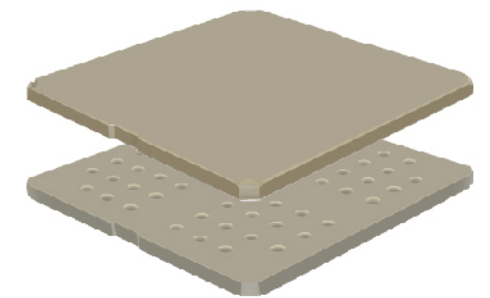
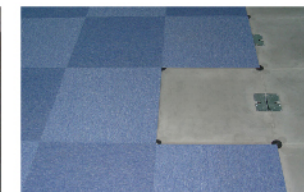
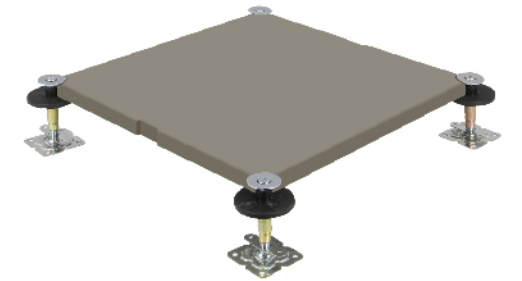
Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	RollingLoad		Standard
International	mm	N	N	N	N/M ²	10times	10000times	
GC668	500x500x26	≥3000	670	≥6000	≥12500	2200	1500	CISCA
GC800	500x500x26	≥3600	670	≥7200	≥19800	3000	2200	
GC1000	500x500x26	≥4500	670	≥9000	≥23300	3600	3000	

FRC FLOOR



Structure

FRC access floor is made of silicate, inorganic fiber, mineral fiber, quartz sand, etc, once molded after high pressure. The panel has no volatile toxic chemicals and radiation, and can be decomposed completely. Its service time is the same as the building. Each panel has hole for wires, four corners supported by pedestals, with no stringers. Good flatness and solid feeling. Finishes can be laminate flooring, PVC, carpet, etc.



Specifications

Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	RollingLoad		Standard
International	mm	N	N	N	N/M ²	10times	10000times	
FC668	500x500x25	≥3000	670	≥6000	≥12500	2200	1500	CISCA

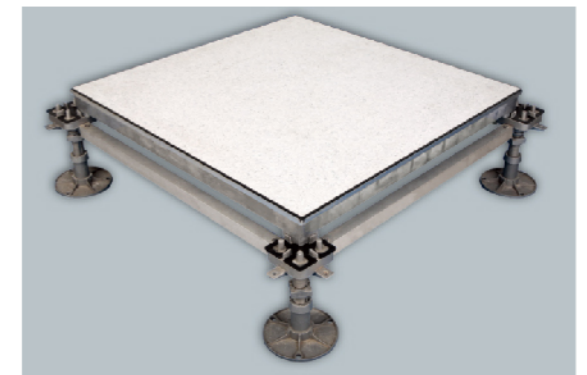
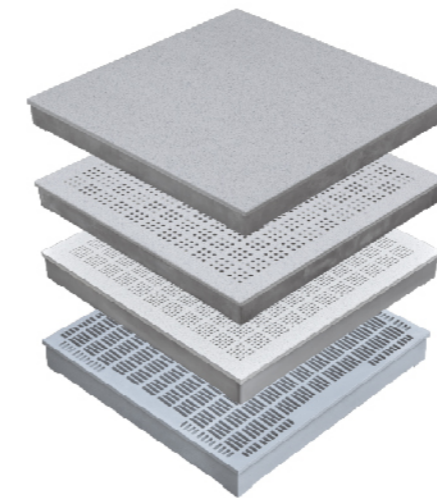
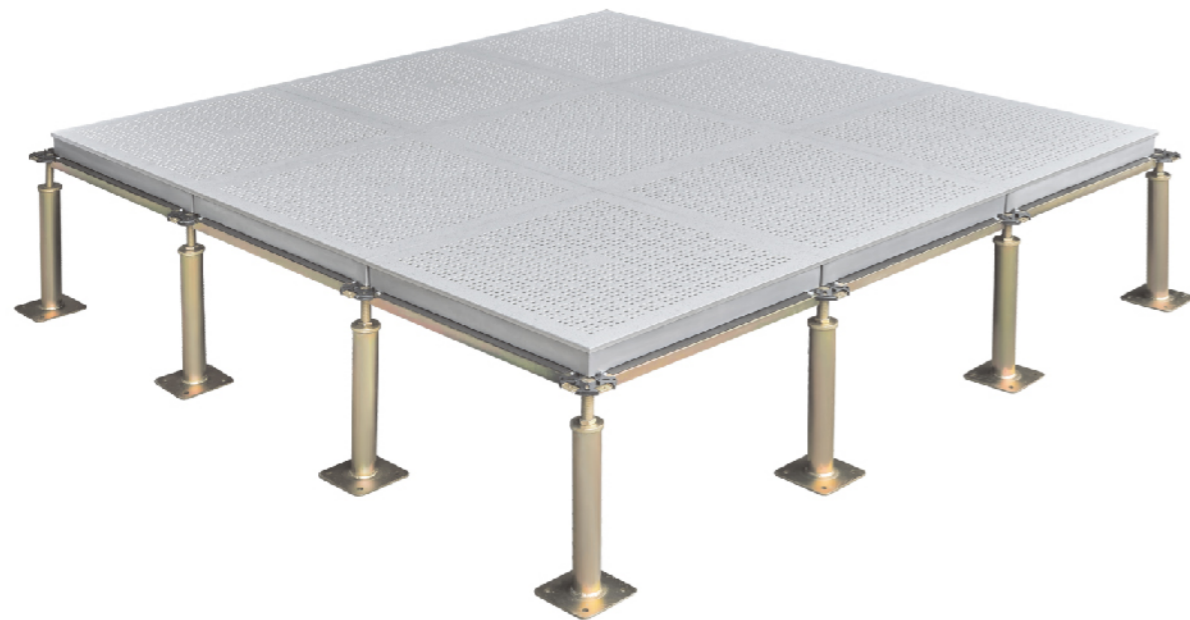
ALUMINUM ACCESS FLOOR



Feature

Aluminum access floor is die-casting with aluminum ingot which is light and anticorrosion.

Aluminum access floor is widely used in the Data Center and Industrial Clean Room.



Specifications

Type	Material	Size mm	Concentrated N	Ultimate Load N	Uniform Load N/M ²	Standard
A1500	ADC12	600x600	≥ 6700	≥ 13400	≥ 42600	CISCA
A2000	ADC12	600x600	≥ 8900	≥ 17800	≥ 49800	
A2500	ADC12	600x600	≥ 11100	≥ 22200	≥ 58300	
A3000	ADC12	600x600	≥ 13300	≥ 26600	≥ 66900	
A5000	ADC12	600x600	≥ 22500	≥ 45000	≥ 125000	

FLOORING ACCESSORIES

ZTFLOOR presents an extensive choices of accessories, including outlet boxes, grommets, panel lifters, air diffuser, etc..



AIR DIFFUSER



AIR DIFFUSER



ROUND BRUSH GROMMET



Diameter 15cm Diameter 19.5cm
ROUND GROMMET



RECTANGLE GROMMET



INTEGRAL GROMMET



SPLIT INTEGRAL GROMMET



SINGLE/DOUBLE CUP LIFTER



OUTLET BOX B



OUTLET BOX C

UNDER STRUCTURE

N1
FOR STEEL PANEL



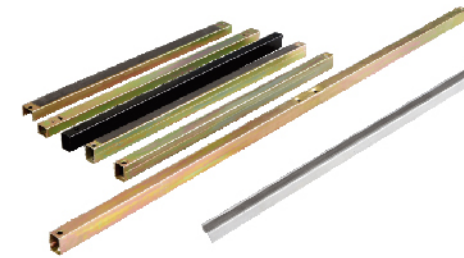
N2
FOR STEEL PANEL



N3
FOR CS/W PANEL



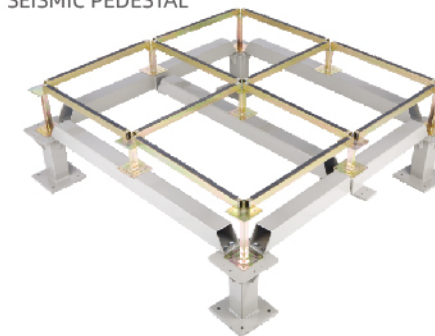
N4
STRINGERS



N5
HEAVY DUTY
PEDESTAL



N6
SEISMIC PEDESTAL



N7



RAMP
PEDESTAL



PEDESTAL
BRACING

BRACING CLAMP



Diameter ϕ 38



Diameter ϕ 32

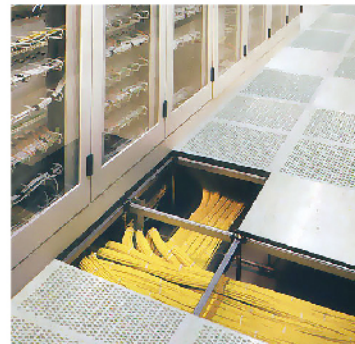
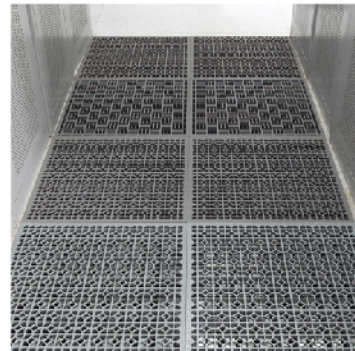
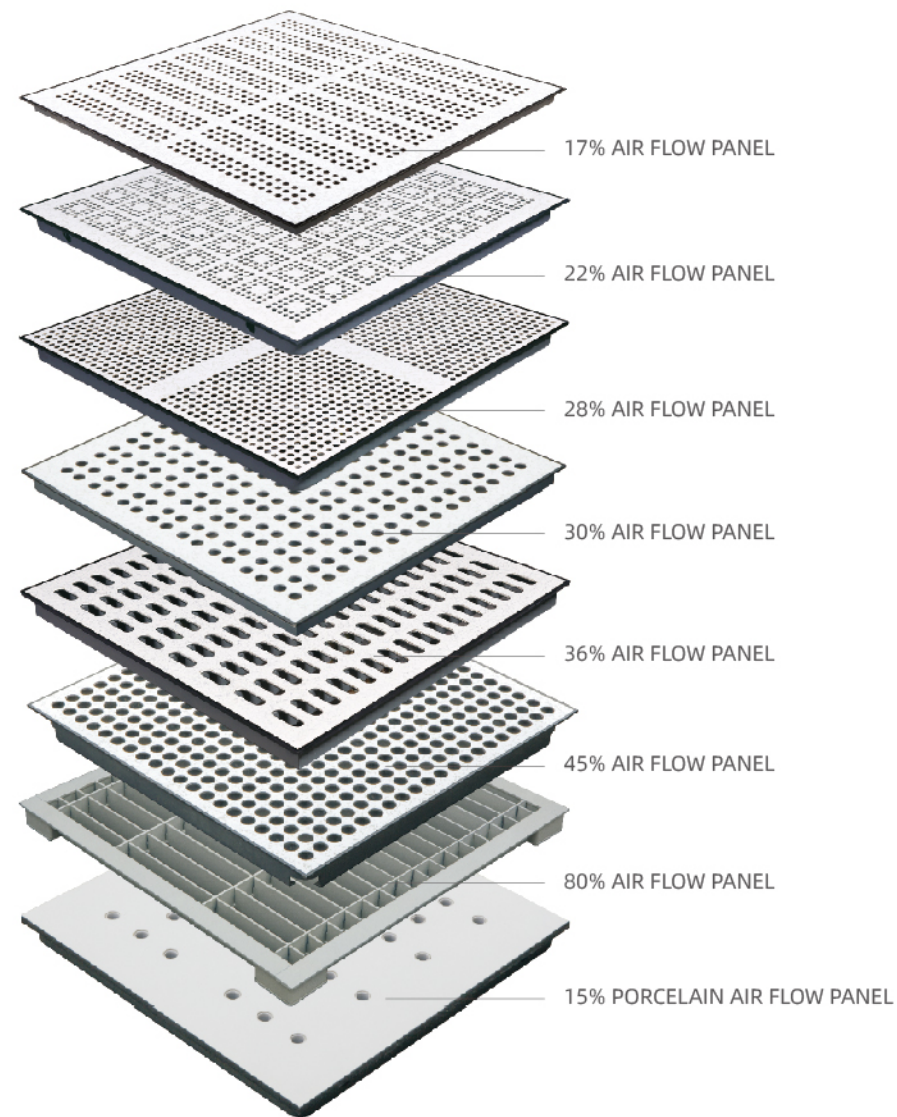
| AIR FLOW SYSTEM

SIZE

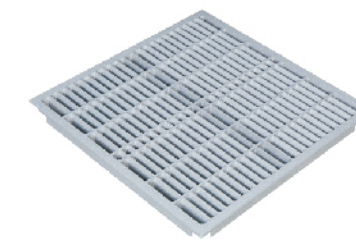
600x600mm / 610x610mm

Feature

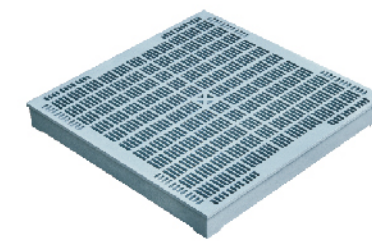
Steel perforated panel is specially designed to allow air flow through the access floor up to the equipment.



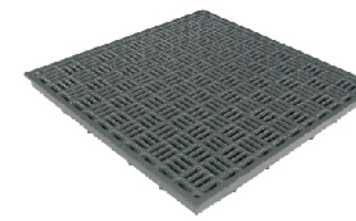
| AIR FLOW SYSTEM



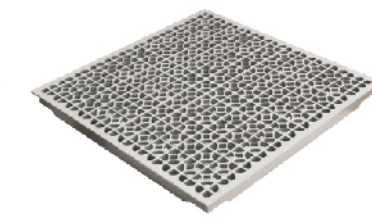
DC68



DC50



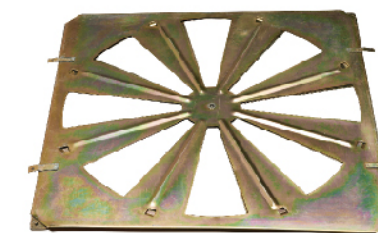
DC56



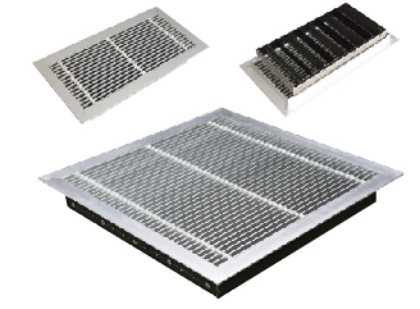
DC55



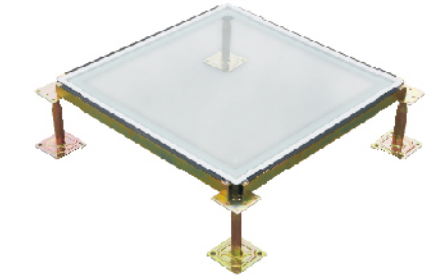
SLIDING DAMPER



ROUND DAMPER



ALUMINUM AIR GRILLE WITH DAMPER



GLASS PANEL

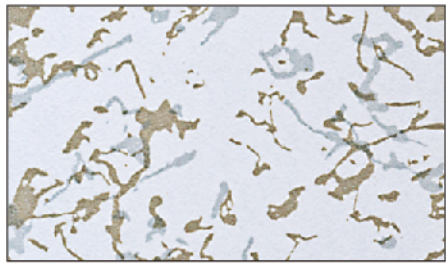


OPPOSED BLADE DAMPER

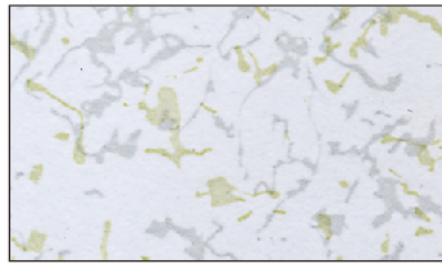
COVERING MATERIAL

High Pressure Laminate(HPL)

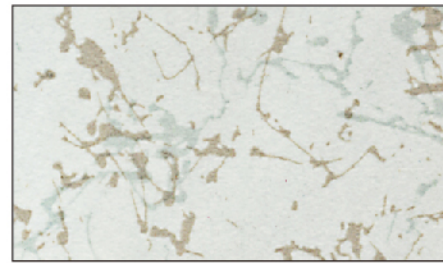
A Comprehensive selection of ZTFLOOR covering materials are available including more colors of HPL, Vinyl and other interior finishes, to satisfy customer's different requirements. Please contact with us if require other covering material which is not listed below.



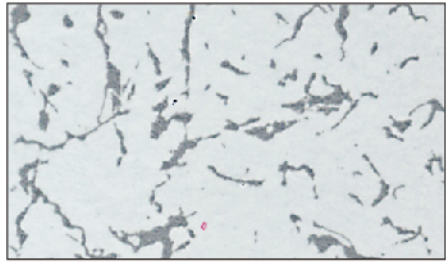
8192



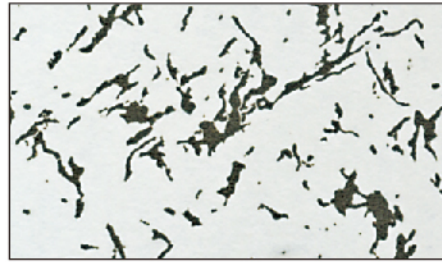
8193



8194



8191



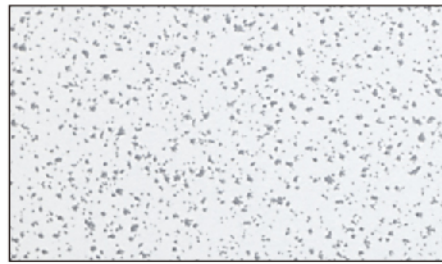
8132



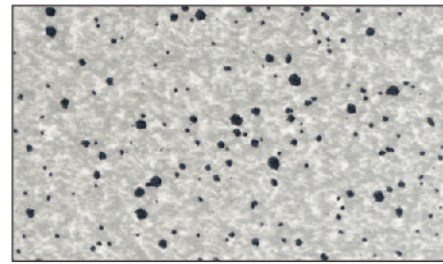
8120



8194-1



8144

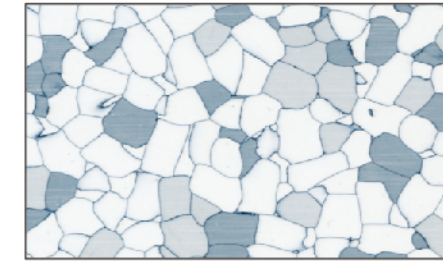


8138

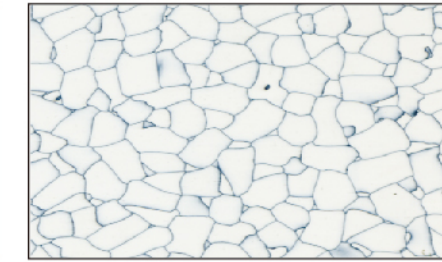


8119

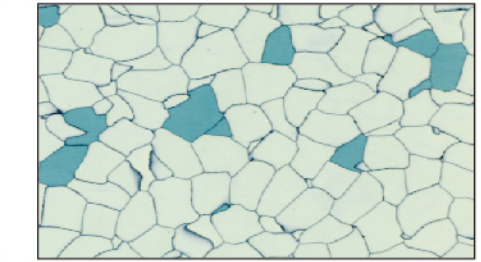
Conductive Vinyl tile



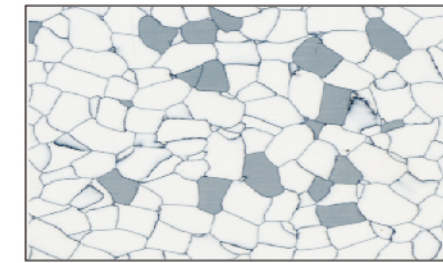
LYD-03



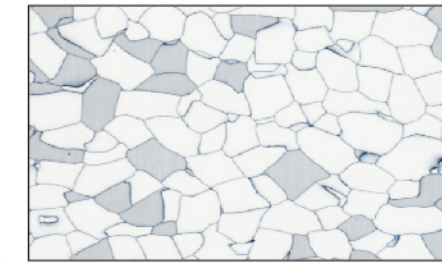
LYD-05



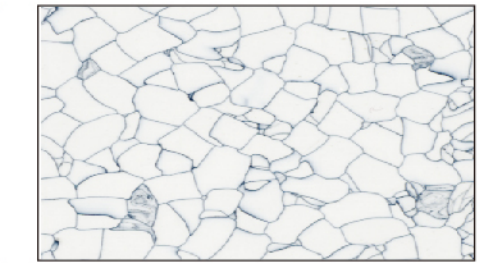
LYD-08



LYD-07



LYD-09



LYD-04

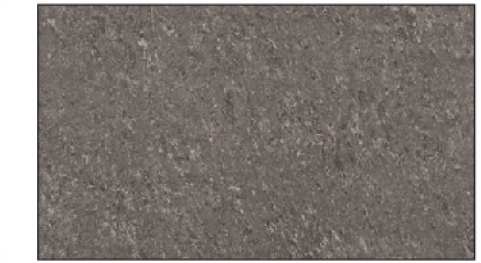
Ceramic tile



5001



5002

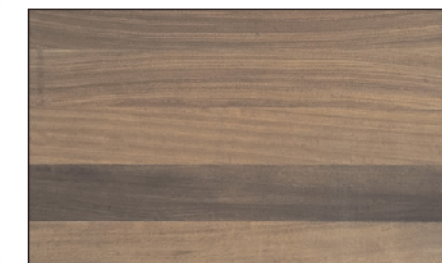


5003

Timber



4801



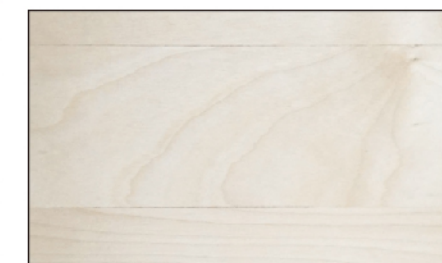
4802



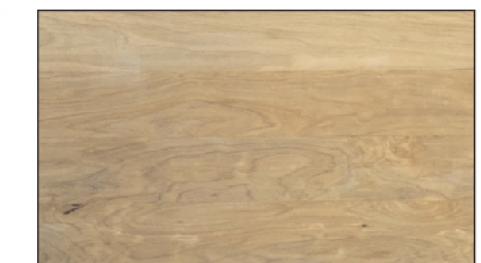
4803



4804

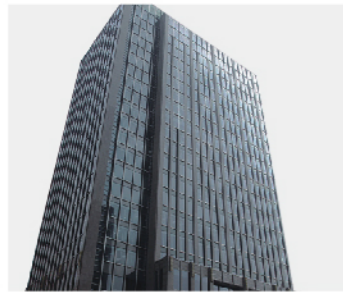


4805



4806

PROJECT REFERENCE



Shanghai Changfeng Building
Place: Shanghai
Area: 22000m²
Panel Type: Steel cementitious panel



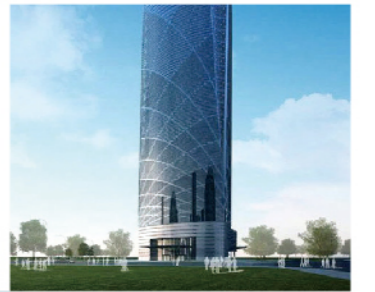
Shanghai Qianhai life Insurance Financial Center
Place: Shanghai
Area: 58000m²
Panel Type: Steel cementitious panel



Wuxi Baoneng Financial Center
Place: Wuxi
Area: 38000m²
Panel Type: Steel cementitious panel



Suzhou Guoxin Building
Place: Suzhou
Area: 15000m²
Panel Type: Steel cementitious panel



Nanjing Qixingjun
Place: Nanjing
Area: 15000m²
Panel Type: Steel cementitious panel



Longfor Shanghai Hongqiao Paradise Walk
Place: Shanghai
Area: 17000m²
Panel Type: OA Steel cementitious panel



Shanghai Zhangjiang Center
Place: Shanghai
Area: 24000m²
Panel Type: Steel cementitious panel



Shanghai MODO Sunshine City
Place: Shanghai
Area: 35000m²
Panel Type: Steel cementitious panel



Suzhou Nisheng Plaza
Place: Suzhou
Area: 38000m²
Panel Type: Steel cementitious panel



Nanjing Financial City
Place: Nanjing
Area: 16000m²
Panel Type: Steel cementitious panel



Wuhan Vanke Jinyu International
Place: Wuhan
Area: 54000m²
Panel Type: Steel cementitious panel



Shanghai Intercontinental Phase III Project
Place: Shanghai
Area: 52000m²
Panel Type: Steel cementitious panel



Shanghai Zhanxiang Electronics Co., Ltd
Place: Shanghai
Area: 40000m²
Panel Type: Steel cementitious panel



Jinan Langcheng Center
Place: Jinan
Area: 38000m²
Panel Type: Steel cementitious panel



Shanghai Moshadong Pharmaceutical
Place: Shanghai
Area: 20000m²
Panel Type: OA Steel cementitious panel



Nanjing Runhe Software Park
Place: Nanjing
Area: 15000m²
Panel Type: Steel cementitious panel

**PROJECT
REFERENCE**



Beijing Electronic City IT Industrial Park
Place: Beijing
Area: 63200m²
Panel Type: Steel cementitious panel



Beijing BOE Operation Center
Place: Beijing
Area: 30000m²
Panel Type: Steel cementitious panel



Beijing International Trade Building
Place: Beijing
Area: 18000m²
Panel Type: Steel cementitious panel



Zhanjiang Wealth Exchange Financial Center
Place: Zhanjiang
Area: 38000m²
Panel Type: Steel cementitious panel



Jinan Dongshefang District A (Jinan Center)
Place: Jinan
Area: 32000m²
Panel Type: Steel cementitious panel



Yancheng Financial Center
Place: Yancheng
Area: 145700m²
Panel Type: Steel cementitious panel



Beijing Zhongguancun Yongfeng Industrial Base
Place: Beijing
Area: 40000m²
Panel Type: Steel cementitious panel



Hangzhou Baosheng Century Center
Place: Hangzhou
Area: 28000m²
Panel Type: Steel cementitious panel



Shanxi Sino-US clean Energy R&D Center
Place: Shanxi
Area: 12000m²
Panel Type: Steel cementitious panel



Tianjin Wantong Building
Place: Tianjin
Area: 40000m²
Panel Type: Steel cementitious panel



Xinjiang Lvcheng Plaza
Place: Jinan
Area: 50000m²
Panel Type: Calcium sulphate panel



Shenzhen Yishang Technology Building
Place: Shenzhen
Area: 10000m²
Panel Type: Steel cementitious panel



Harbin Bank Building
Place: Harbin
Area: 14000m²
Panel Type: Steel cementitious panel



Chengdu Palm Springs International Center
Place: Hangzhou
Area: 50000m²
Panel Type: Steel cementitious panel



Shenyang Friendship Times Square
Place: Shenyang
Area: 20000m²
Panel Type: Steel cementitious panel



Shenzhen Caixun Technology Building
Place: Shenzhen
Area: 12000m²
Panel Type: Steel cementitious panel



Hangzhou Canal Tiancheng International
Place: Hangzhou
Area: 15000m²
Panel Type: Steel cementitious panel



Guangzhou Dongfeng Plaza
Place: Guangzhou
Area: 40000m²
Panel Type: Calcium sulphate panel

PROJECT REFERENCE



Jiangxi Wuzhifeng Project
Place: Jiangxi
Area: 18000m²
Panel Type: Steel cementitious panel



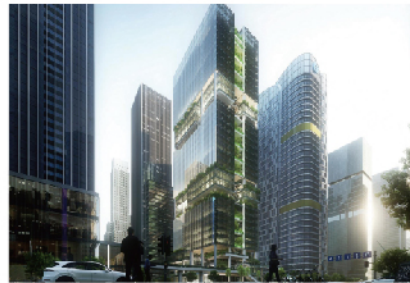
Shanghai Toyota R & D Center
Place: Shanghai
Area: 10000m²
Panel Type: Steel cementitious panel



Jilin Mobile Data Center
Place: Jilin
Area: 10400m²
Panel Type: Calcium sulphate panel



Shenzhen Longhua Foxconn Building
Place: Shenzhen
Area: 10000m²
Panel Type: Steel cementitious panel



Shenzhen Chuanyin Building
Place: Shenzhen
Area: 10000m²
Panel Type: Steel cementitious panel



Shenzhen Hetao Shenzhen Hong Kong United Technology
Place: Shenzhen
Area: 10000m²
Panel Type: Steel cementitious panel



Shanghai Agricultural Bank of China Disaster Recovery Center
Place: Shanghai
Area: 12000m²
Panel Type: Aluminum panel



Hohhot Northwest Connectivity Project
Place: Shenzhen
Area: 8000m² / 2000m²
Panel Type: Calcium sulphate panel / Aluminum perforated panel



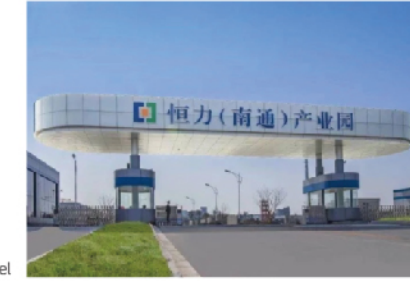
Dalian Deep Blue Center Building
Place: Dalian
Area: 40000m²
Panel Type: Calcium sulphate panel



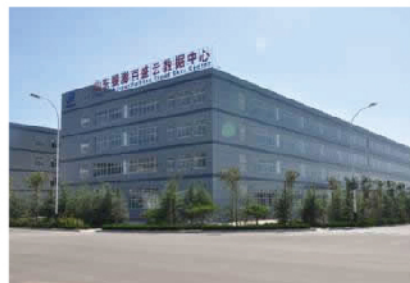
Nanchang Bank Financial Service Center
Place: Nanchang
Area: 20000m²
Panel Type: Calcium sulphate panel



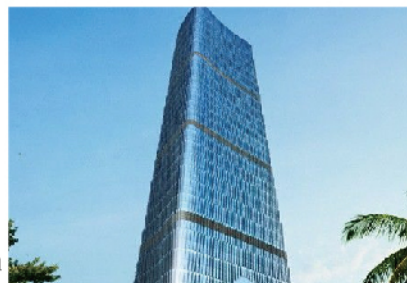
Haining International Campus of Zhejiang University International Union College
Place: Haining
Area: 7000m²
Panel Type: Steel cementitious panel



Hengke New Materials Co., Ltd
Place: Nantong
Area: 28000m²
Panel Type: Steel cementitious panel



Shandong Yunpengyun Computing Processing Center
Place: Shandong
Area: 40000m²
Panel Type: Calcium sulphate panel



Shenzhen Jingji Binhe Times Square
Place: Shenzhen
Area: 70000m²
Panel Type: Calcium sulphate panel



Zhejiang Hotspur Factory Building Renovation Project
Place: Zhejiang
Area: 86000m²
Panel Type: Aluminum panel



Chengdu Yuxin Phase III Project
Place: Chengdu
Area: 5600m²
Panel Type: Aluminum panel