

Comparison of Different Panel

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 feich)	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	A	A	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) ZTFLOR has continuous product and product data improvement. It reserves the right to change type design and specifications without notice.
 (2) 'A' ---Most advantage, 'E' ---Least advantage.
 (3) The comparison is based on the panels of the same concentrated loading grade.



ACCESS FLOOR SYSTEM



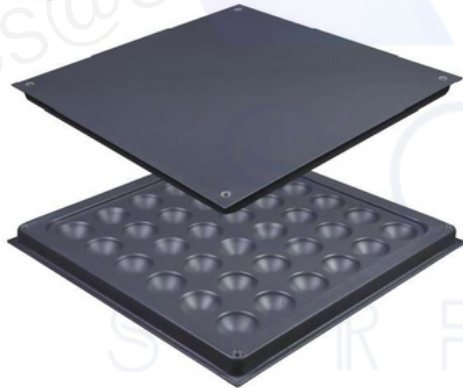
STEEL CEMENTITIOUS PANEL

ZT50 OA PANEL



Structure

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



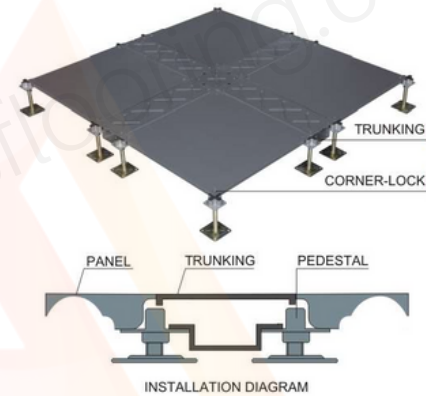
Product property

Panel weight : 8 - 12kgs/pc
 ASTM E136-11 and BS476-4: Non combustible
 ASTM E84-14: Class A
 EN13501: Class A1
 ASTM E492-09: IIC58
 ASTM E283-04 25Pa: $\leq 0.3L/s \cdot m^2$
 NIOSH9002: Asbestos-free
 LEED assessment report available



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.

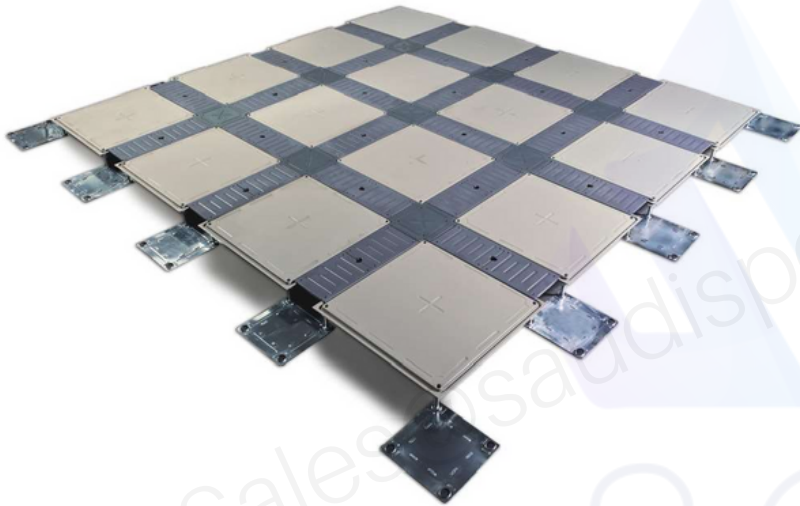


Specifications

Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	Rolling Load		Standard
International	mm	N	N	N	NM ²	10times	1000times	SJ/T 10796-2001
SC668	500 × 500 × 28	≥ 3000	670	≥ 9000	≥ 12500	2200	1500	
SC800	500 × 500 × 28	≥ 3600	670	≥ 10800	≥ 19800	3000	2200	
SC1000	500 × 500 × 28	≥ 4500	670	≥ 13500	≥ 23300	3600	3000	

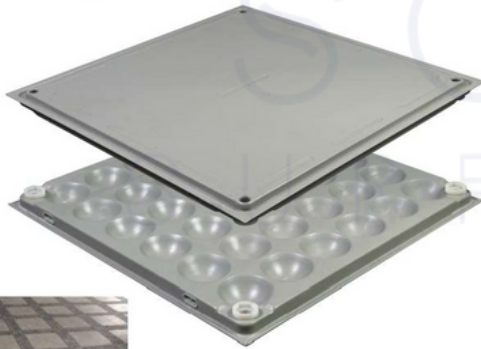
STEEL CEMENTITIOUS PANEL

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. Now it is widely used in Japan, Qatar, Bahrain, Korea and other countries.



STEEL CEMENTITIOUS PANEL

ZT50-B PANEL



Product Description

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

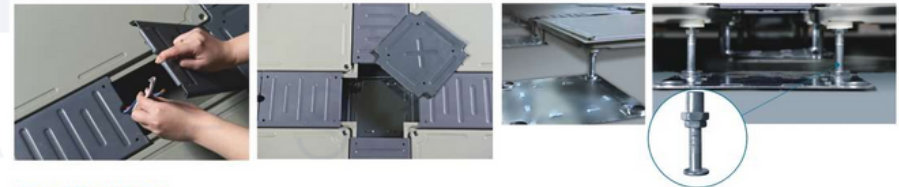
Feature

- 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



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	Rolling Load		Standard
International	mm	N	N	N	NM ²	10times	1000times	SJ/T 10796-2001
SC668	500 × 500 × 25	≥ 3000	670	≥ 9000	≥ 12500	2200	1500	
SC800	500 × 500 × 25	≥ 3600	670	≥ 10800	≥ 19800	3000	2200	
SC1000	500 × 500 × 25	≥ 4500	670	≥ 13500	≥ 23300	3600	3000	

STEEL CEMENTITIOUS PANEL

ZT60 OA PANEL



Structure

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



Product property

Panel weight : 12 -22kgs/pc
 ASTM E136-11 and 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



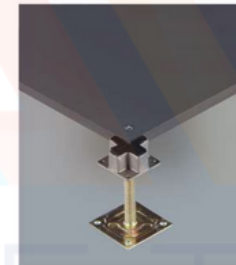
STEEL CEMENTITIOUS PANEL

ZT60 OA PANEL



Structure

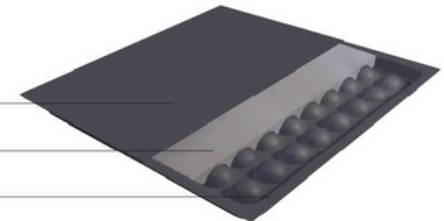
- Screw down design supports the system effectively and makes the installation easily and stable.
- The load is transferred directly onto the center of pedestal column.
- Different types of understructures are available for install OA panel system.



SPCC steel

LIGHT CEMENT

ST14 STEEL



Specifications

Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	Rolling Load	Standard
International	mm	N	N	N	N/M ²	10times 10000times	
SC668	600 × 600 × 35	≥ 3000	670	≥ 9000	≥ 12500	2200	S/J/T 10796-2001
	600 × 600 × 35	≥ 3600	670	≥ 10800	≥ 19800	3000	
SC800	610 × 610 × 35	≥ 4500	670	≥ 13500	≥ 23300	3600	
	610 × 610 × 35	≥ 5600	670	≥ 16800	≥ 33100	4500	
SC1000	600 × 600 × 35	≥ 6700	670	≥ 20100	≥ 42600	5600	
	610 × 610 × 35	≥ 8900	780	≥ 26700	≥ 49800	6700	
SC1250	600 × 600 × 35	≥ 11100	780	≥ 33300	≥ 58300	8900	
	610 × 610 × 35	≥ 13300	880	≥ 39900	≥ 66900	11100	
SC1500	600 × 600 × 35						
	610 × 610 × 35						
SC2000	600 × 600 × 35						
	610 × 610 × 35						
SC2500	600 × 600 × 35						
	610 × 610 × 35						
SC3000	600 × 600 × 35						
	610 × 610 × 35						

STEEL CEMENTITIOUS PANEL

LAMINATE PANEL



Feature

- Used for computer room, data center and communication center
- Excellent rolling load & ultimate 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 data cable service

Wide range finishes available

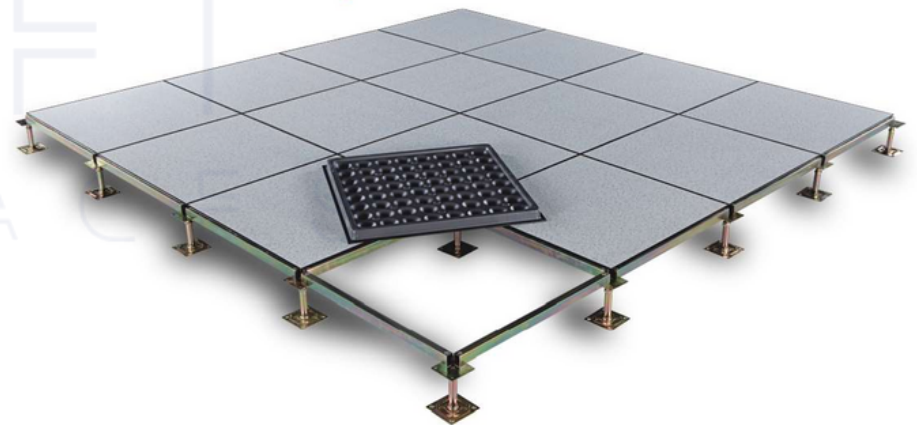
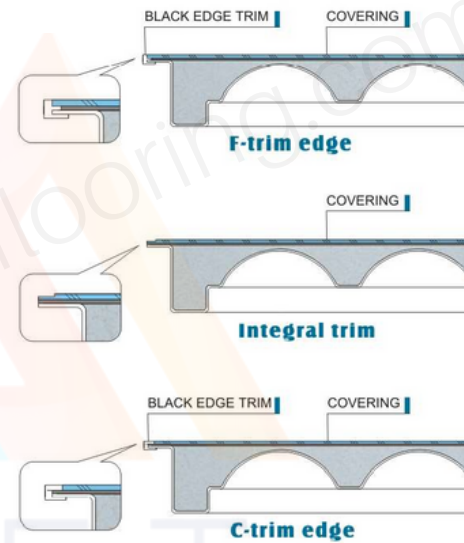
- High Pressure Laminate
- Conductive vinyl tile
- Ceramic
- Carpet tile
- Linoleum
- Granite/Marble

- LAMINATED TILE
- SPCC STEEL
- LIGHT CEMENT
- ST-14 STEEL



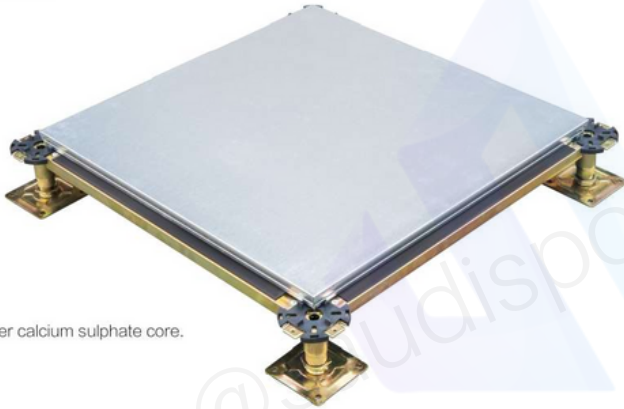
STEEL CEMENTITIOUS PANEL

LAMINATE PANEL



CALCIUM SULPHATE ACCESS FLOOR

ENCAPSULATED PANEL

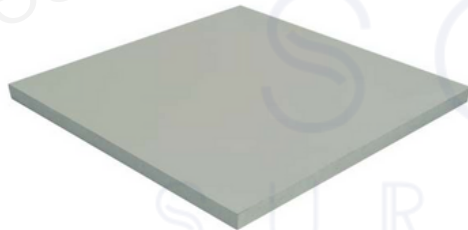


Structure

Encapsulated with high density fiber calcium sulphate core.

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



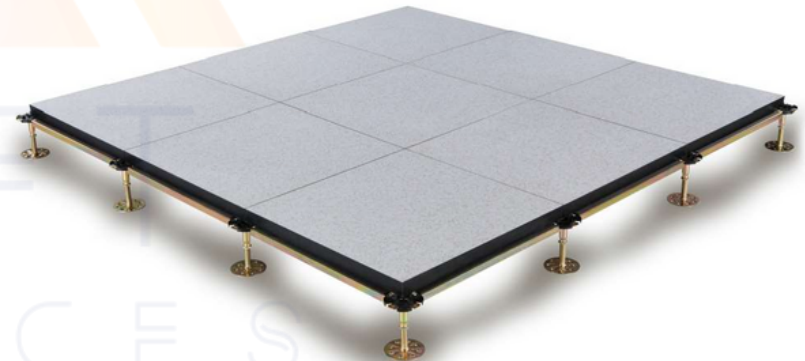
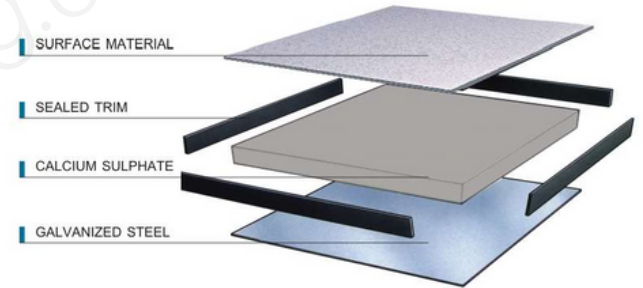
CALCIUM SULPHATE ACCESS FLOOR

ABS SEALED PANEL



Structure

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



Specifications

Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	Rolling Load	Standard
International	mm	N	N	N	N/M ²	10times 1000times	S1/T 10796-2001
C1000	500 x 500/600 x 600/610 x 610	≥ 4500	670	≥ 13500	≥ 23300	3600 3000	
C1250	500 x 500/600 x 600/610 x 610	≥ 5600	670	≥ 16800	≥ 33100	4500 3600	

GRC FLOOR

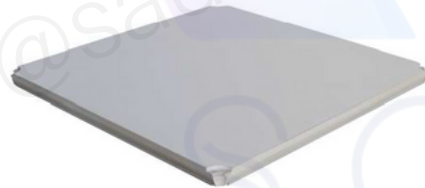


Structure

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 accuracy and excellent interchangeability. Recyclable, save resources and protect the environment.



Specifications

Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	Rolling Load		Standard
International	mm	N	N	N	N/M ²	10times	10000times	SJ/T 10796-2001
GC668	500 × 500 × 26	≥3000	670	≥9000	≥12500	2200	1500	
GC800	500 × 500 × 26	≥3800	670	≥10800	≥19800	3000	2200	
GC1000	500 × 500 × 26	≥4500	670	≥13500	≥23300	3600	3000	

FRC FLOOR



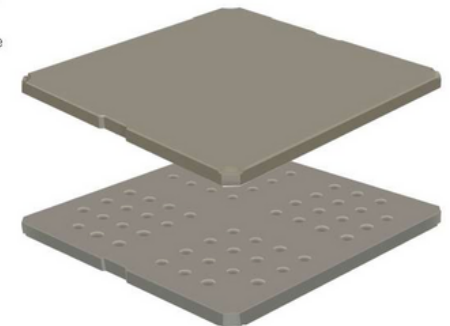
Structure

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

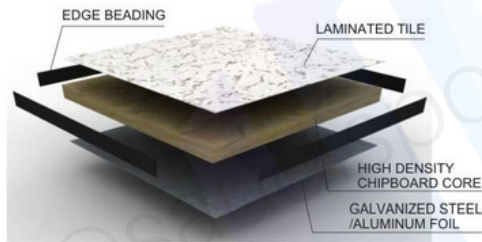
Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	Rolling Load		Standard
International	mm	N	N	N	N/M ²	10times	10000times	SJ/T 10796-2001
FC668	500 × 500 × 25	≥3000	670	≥9000	≥12500	2200	1500	

WOODCORE ACCESS FLOOR ABS SEALED PANEL



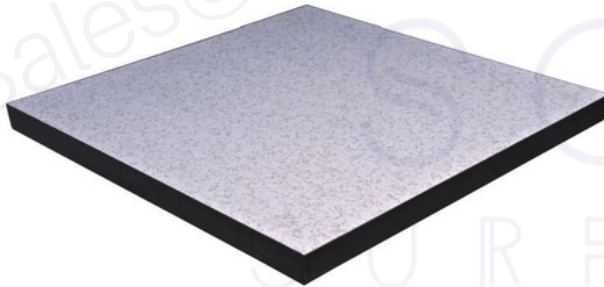
Structure

Woodcore access floor consists of high-density (720Kg/m³) chipboard. Galvanized steel sheet/aluminum foil is bonded to the bottom of the chipboard. HPL or PVC is stuck to the top of the chipboard, four edges are sealed with ABS edging strip.



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



Specifications

Type	Size	Concentrated	Impact Load	Ultimate Load	Uniform Load	Rolling Load	Standard
International	mm	N	N	N	N/M ²	10times 10000times	
W400	500 x 500/600 x 600/610 x 610	≥ 1800	410	≥ 5400	≥ 9800	1200 700	S/J/T 10796-2001
W668	500 x 500/600 x 600/610 x 610	≥ 3000	670	≥ 9000	≥ 12500	2200 1500	
W800	500 x 500/600 x 600/610 x 610	≥ 3600	670	≥ 10800	≥ 19800	3000 2200	
W1000	500 x 500/600 x 600/610 x 610	≥ 4500	670	≥ 13500	≥ 23300	3600 3000	

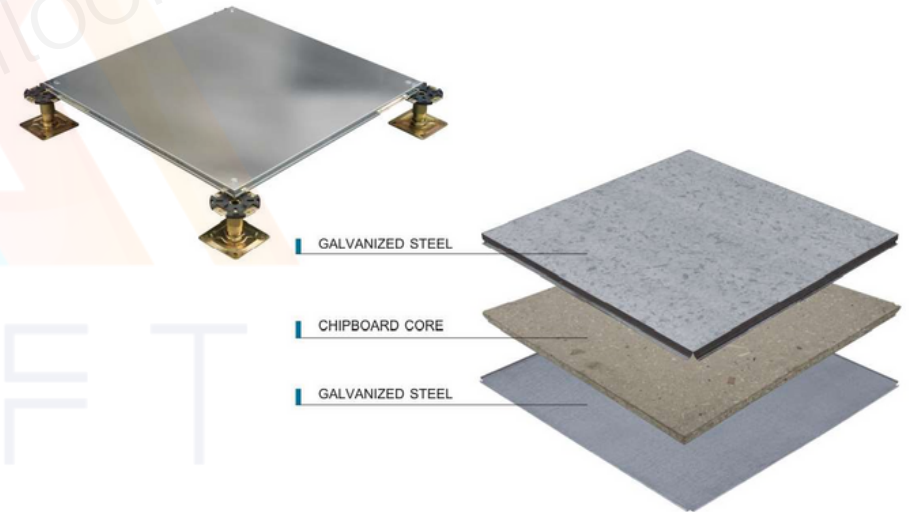
WOODCORE ACCESS FLOOR

ENCAPSULATED PANEL



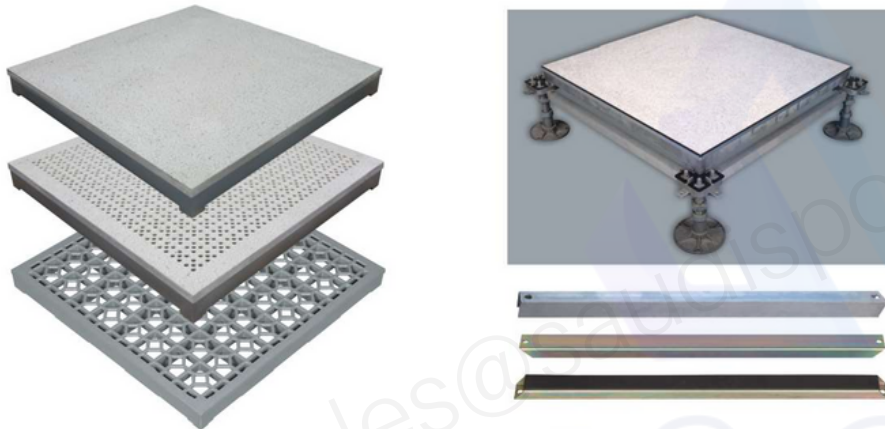
Structure

Floor panel is encapsulated to provide full steel encasement, steel to be high quality galvanized steel sheet as top and bottom. High density chipboard as the core.



ALUMINUM ACCESS FLOOR

ISO 9001 CE PSB Intertek SGS



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.

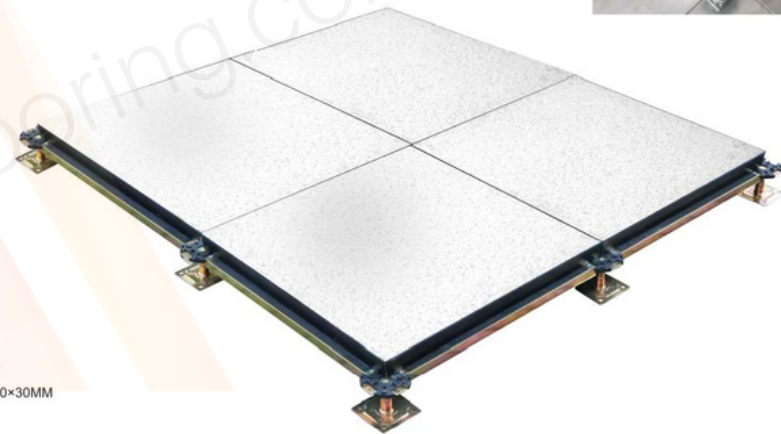
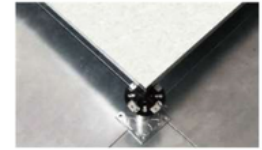
Specifications

Type	Material	Size mm	Concentrated N	Impact Load N	Ultimate Load N	Uniform Load NM ²	Rolling Load		Standard
							10times	10000times	
A1250	ADC12	600 × 600	≥ 5600	670	≥ 11200	≥ 33100	4500	3600	SJT 10796-2001
A1500	ADC12	600 × 600	≥ 6700	670	≥ 13400	≥ 42600	5600	4500	
A3000	ADC12	600 × 600 610 × 610	≥ 13300	880	≥ 26600	≥ 66900	11100	8900	



ALUMINUM HONEYCOMB ANTI-STATIC PANEL

ISO 9001 CE PSB Intertek SGS



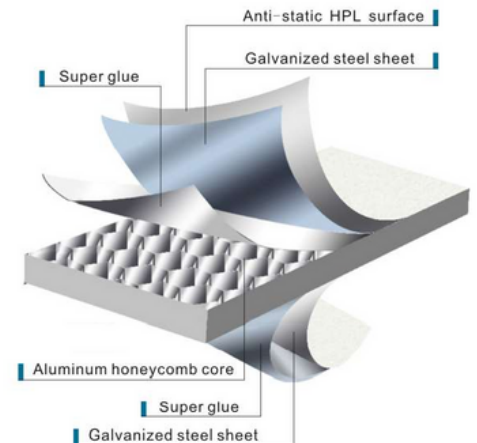
Size
600×600×30MM

Structure

Aluminum honeycomb anti-static floor is a composite raised movable floor with full metal. Aluminum honeycomb structure is inside. Customers can choose HPL cover according to their need. The edges are fixed with black conductive edge strip.

Feature

- Light product, flame retardant, sound insulation, heat insulation, moistureproof, anti-corrosive, fire prevention, durable and easy to transport
- Green environmental protection, recyclable, can be used for second time



FLOORING ACCESSORIES



ZTFLOOR presents an extensive choices of accessories, including electrical boxes, grommets, panel lifters and air diffuser and so on.



AIR DIFFUSER



ROUND BRUSH GROMMET



SURFACE BRUSH GROMMET



SPLIT INTEGRAL GROMMET



Diameter 15cm

ROUND GROMMET

Diameter 19.5cm



SQUARE GROMMET



INTEGRAL GROMMET



SINGLE/DOUBLE CUP LIFTER

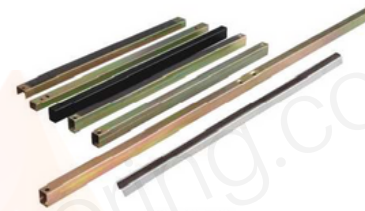


OUTLET BOX B



OUTLET BOX C

UNDER STRUCTURE

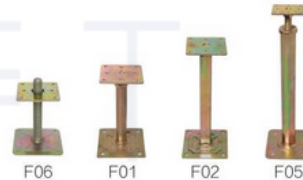


STRINGERS



C01 C02 C03 C04

CROSS HEAD PEDESTAL



F06 F01 F02 F05

FLAT HEAD PEDESTAL

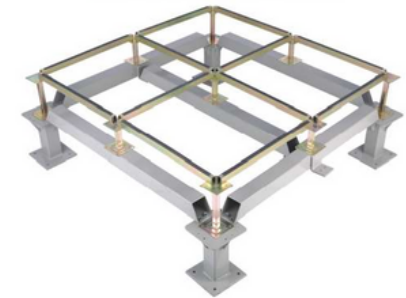


W03 W05 W07 W09

ROUND HEAD PEDESTAL



HEAVY DUTY PEDESTAL



SEISMIC PEDESTAL



RAMP PEDESTAL



PEDESTAL BRACING



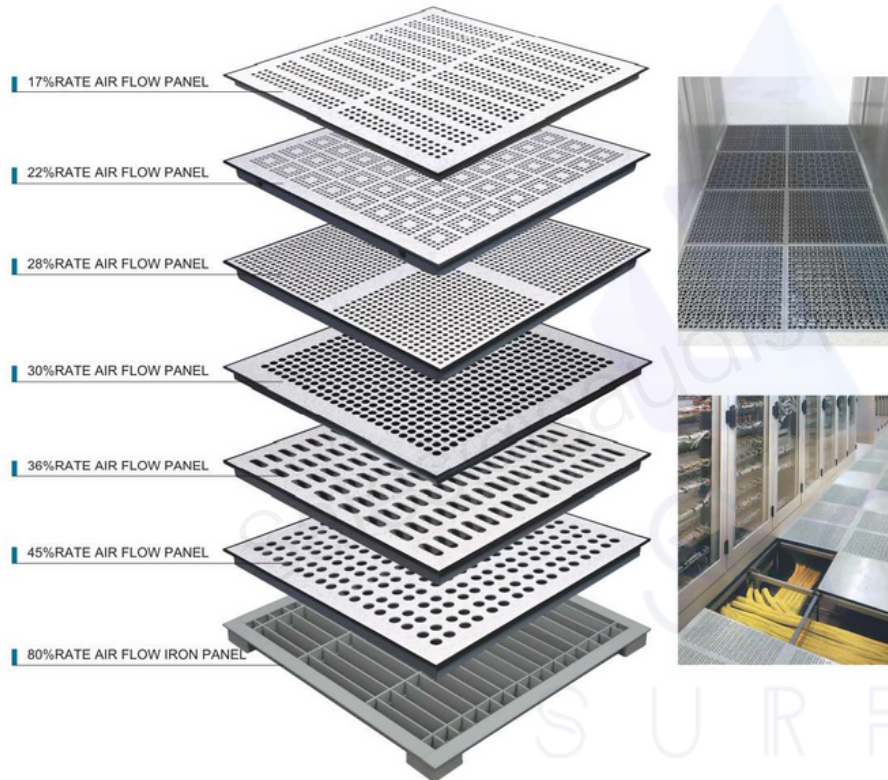
BRACING CLAMP

AIR FLOW SYSTEM

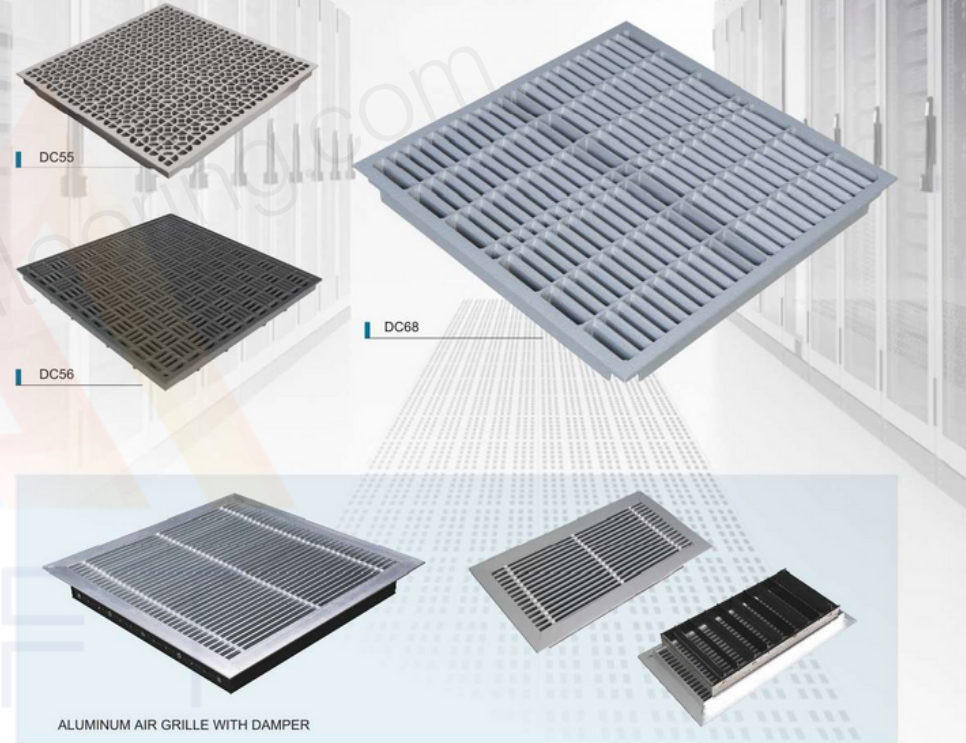
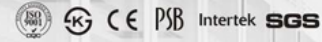


Feature

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



AIR FLOW SYSTEM



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 you want other covering material which is not listed below.



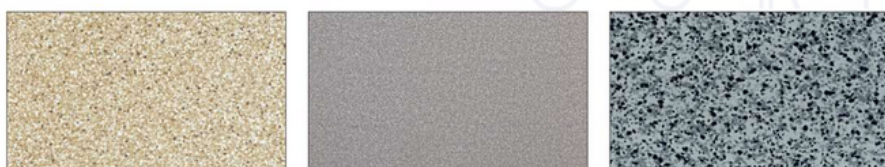
8192 8193 8194



8191 8132 8120

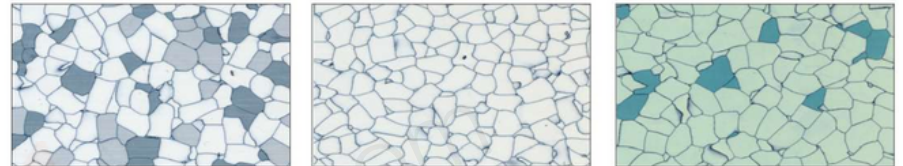


8194-1 8144 8138

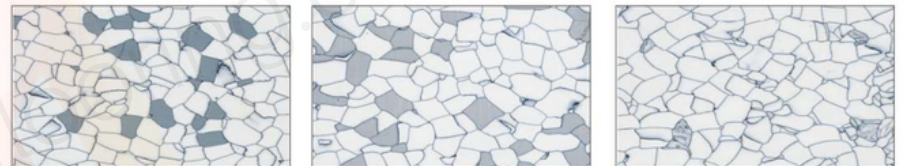


8137 8119 8117

Conductive Vinyl tile



ZT-1101 ZT-1103 ZT-02



ZT-04 ZT-909 ZT-9022

Ceramic tile



5001 5002 5003

Timber



4801 4802 4803



4804 4805 4806