



Access Flooring Solution

Smart Solution of Raised Flooring for: Data Centers | Offices | Clean Rooms | Test Labs & more
Floor Panel Types: Steel Cementitious | Wood Core | Calcium Sulphate | Aluminium Die Cast | Grills

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SMARTile, a smart solution for Access Floor.

We are specialized in various types of Access Floor Solutions for different needs. Our wide range of products & our Customer list makes us proud to be a reliable solution provider. We have been successfully providing solutions for Access floor across India since 12 years & further growing.

We provide different Access floor solutions like Steel Cementitious panels, Calcium Sulphate panels, Woodcore panels, Aluminium die cast panels, Aluminium die cast perforated panels, Aluminium die cast grating panels, Air grilles, Dampers, Smart air diffusers. Understructures like pedestals, stringers, accessories like gromets, panel lifters etc.

The top surface of the panels can be Bare, High Pressure Laminate, PVC Vinyl, Ceramic, Linoleum, Rubber.

Our products comply to America Cisca standard, UK MOB standard, Japans JIS standard, Singapore PSB standard.

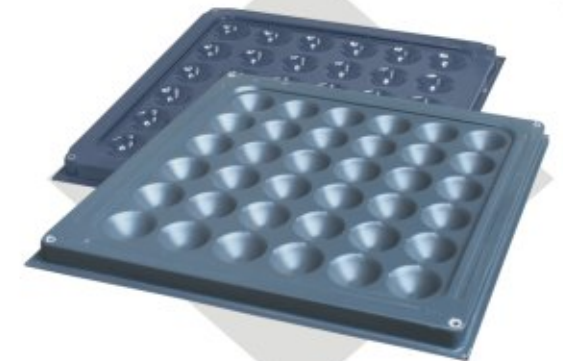
It would be our pleasure to serve you for your prestigious projects where Access floor solution is needed.

Steel Raised Floor

OA - 500

Structure

OA-500 steel raised floor is made of good quality deep stretch coil steel, which is punched, spot-welded and coated by epoxy powder. The panel is filled with foamed cement inside. Comparing to traditional raised floor, trunking can be added to the floor freely. More flexible wiring which can segregate the strong and weak current, simplify the equipment maintenance, save the building space and it fully reflects raised floor functionality.

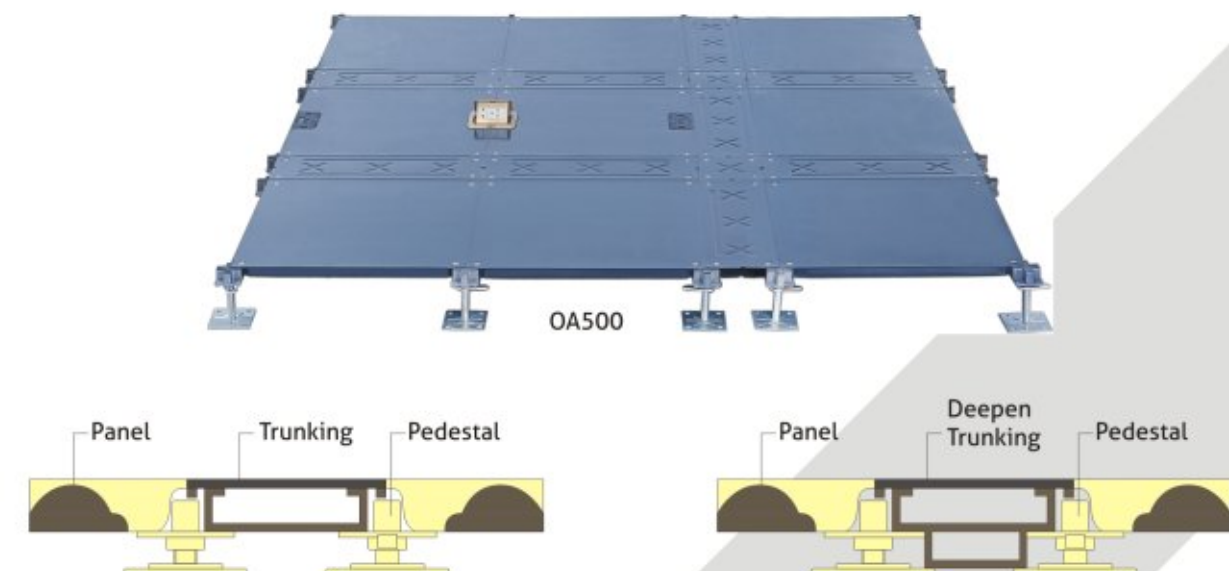


Features

- Constituted by all steel sheet, good loading capacity, excellent fire-proof
- Less weight for ease of handling and less load to sub-floor
- The panel surface is coated with epoxy powder and has a gentle glow and is anti-corrosive
- High dimension accuracy, excellent interchangeability, easy to install, dismantle and maintain
- The carpet can be laid on the surface of bare panel, which creates an excellent appearance

Application

It can be installed in intelligent building, server rooms, offices etc.



Specifications

Type	Size mm	Concentrated Load (N KG)		Rolling Load (N)	Ultimate Load (N)	Uniform Load (N/m²)	Fire Protection Performance
FS700	500X500X28	≥2950	≥300	≥2255	≥8850	≥12500	Non-combustible Material
FS800	500X500X28	≥3550	≥363	≥2950	≥10650	≥16500	
FS1000	500X500X28	≥4450	≥454	≥3560	≥13350	≥23000	

Steel Raised Floor

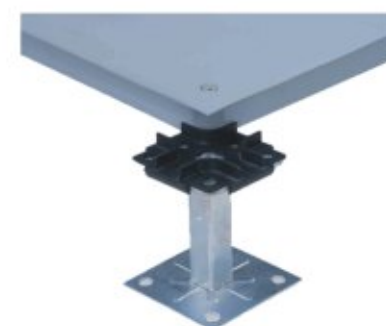
OA - 600

Properties 32 Reverse Structural Embossments

One at the center intersection of each structural cup. This eliminates any flat areas which are weak spots in traditional designs



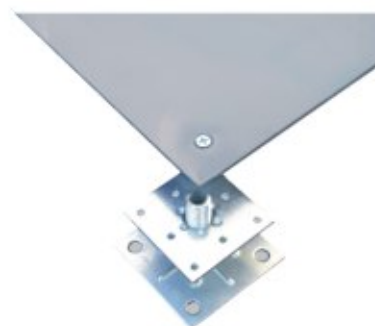
Pedestal- 1
Aluminium cross head



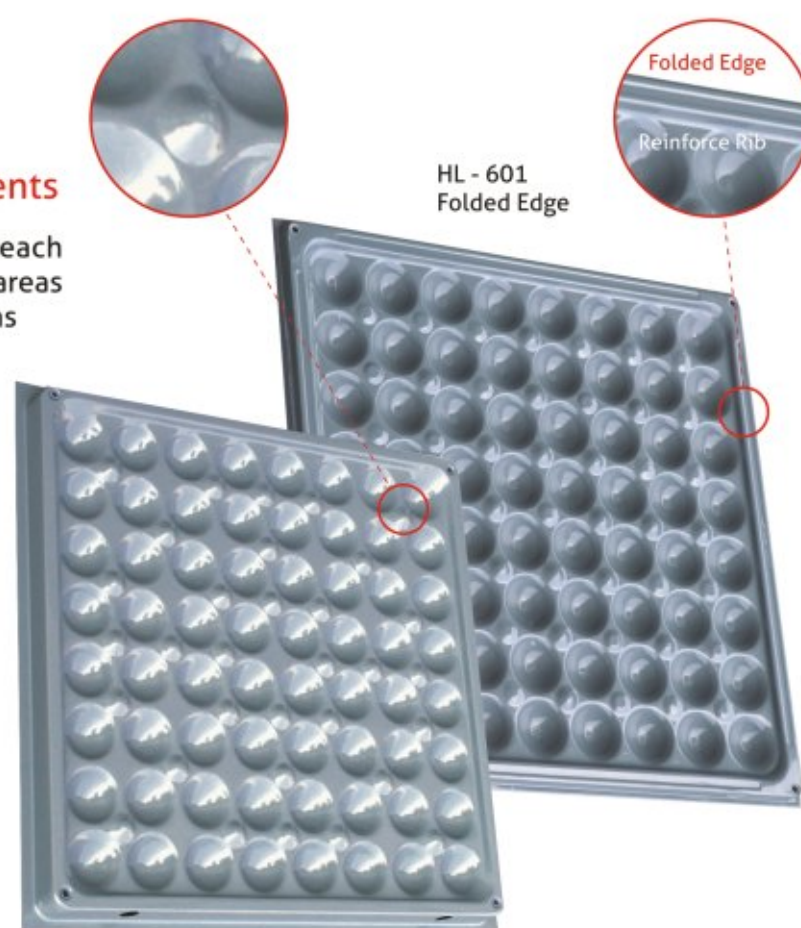
Pedestal- 2
Steel flat head with field cap



Pedestal- 3
Steel die-formed head



Pedestal- 4
Low profile pedestal



Specifications

Type	Size mm	Concentrated Load (N)	Concentrated Load (KG)	Rolling Load (N)	Ultimate Load (N)	Uniform Load (N/m ²)	Fire Protection Performance
FS700	600X600X33	≥2950	≥300	≥2255	≥8850	≥12500	ASTM E84-01: Flame Spread:0 Smoke Density:0
FS800	600X600X33	≥3550	≥363	≥2950	≥10650	≥16500	
FS1000	600X600X33	≥4450	≥454	≥3560	≥13350	≥23000	
FS1250	600X600X33	≥5560	≥567	≥4450	≥16680	≥33000	

FS1500 & FS2000 also available on requirement basis.
610X601 panel also available on requirement basis.

Weak corners a problem? 60 perimeter welds as compared to 40 in traditional design

All SMARTile panels have 15 welds along each perimeter edge, a 50% increase and a total of 20 extra welds around the entire panel perimeter. The additional 20 welds dramatically improve edge load capabilities and overall panel durability.

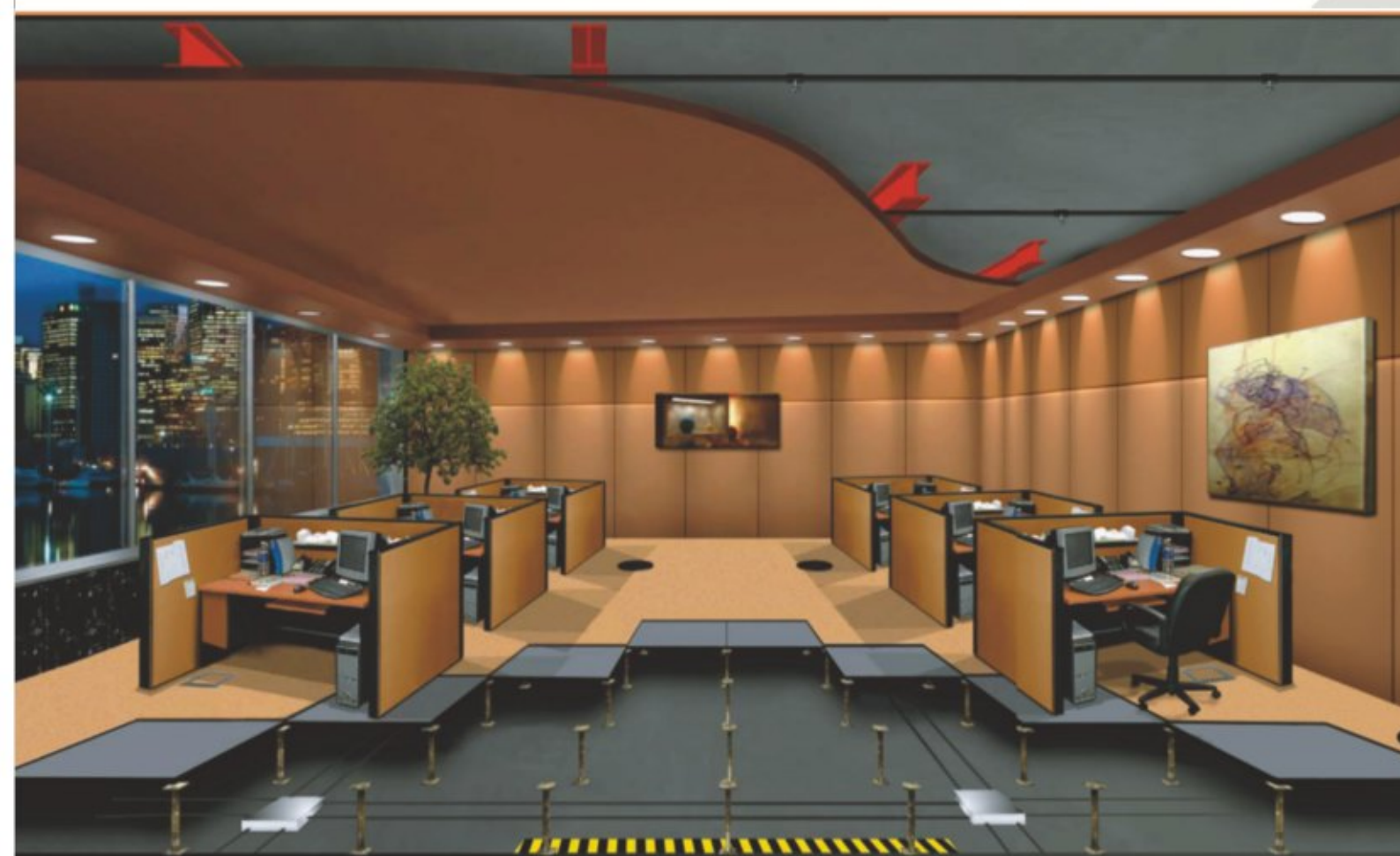
Warped panels a problem? SMARTile's answer to warped panels

After welding, each SMARTile panel is put into a flattening press and checked for flatness.

SMARTile panels come with 90 degree deep drawn steel beam corners, filled with high strength cement. Any load placed on the panel will be transferred to the panel corners before traveling through the pedestals to the sub-floor.

Though SMARTile deep drawn beam corner is a difficult manufacturing process, it is done in order to achieve the ultimate loading capacity necessary to prevent bending upwards of corners or dishing panels.

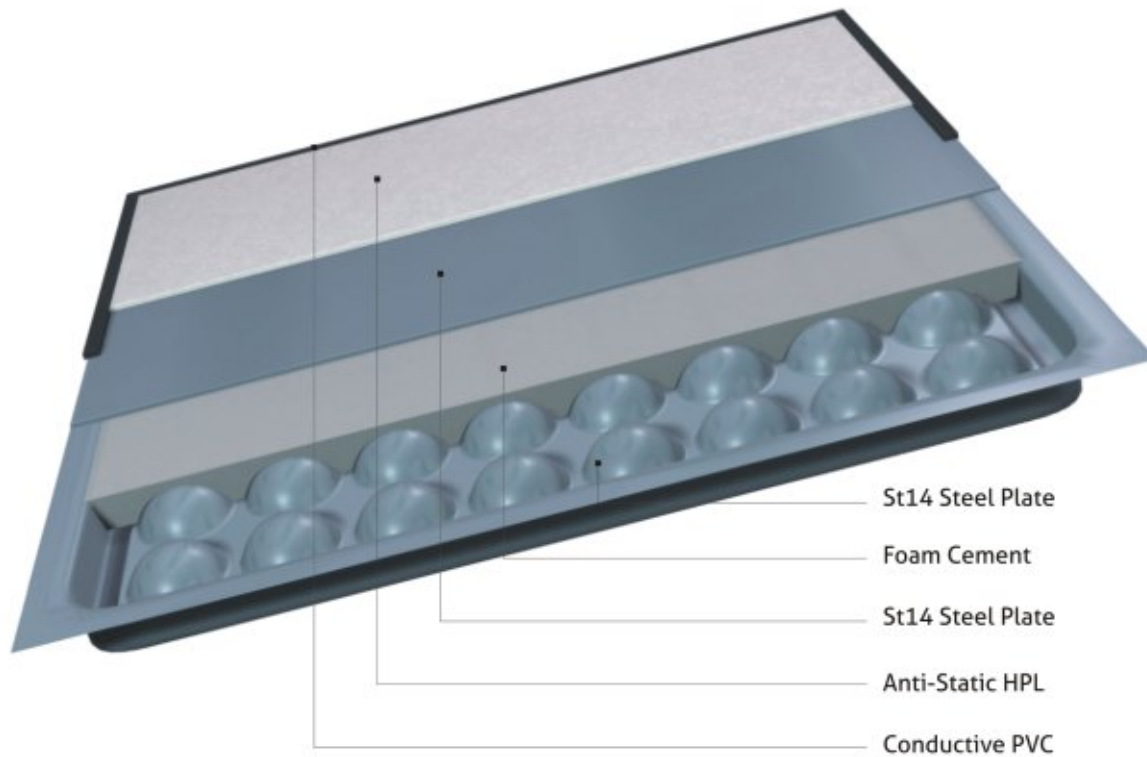
Cement is filled using a high pressured pump to ensure that sufficient cement mix reaches all corners of the panel.



HPL | Anti-Static Raised Floor

Structure

The panel is made of high quality deep stretch coil steel sheet and SPCC steel sheet which is punched, spot-welded, coated with epoxy powder after it has been phosphorated. The panel is filed with foamed cement inside. After being kept for a period of time, it forms a stable support structure. The top steel sheet is bonded with anti-wear and antistatic HPL(High Pressure laminate).



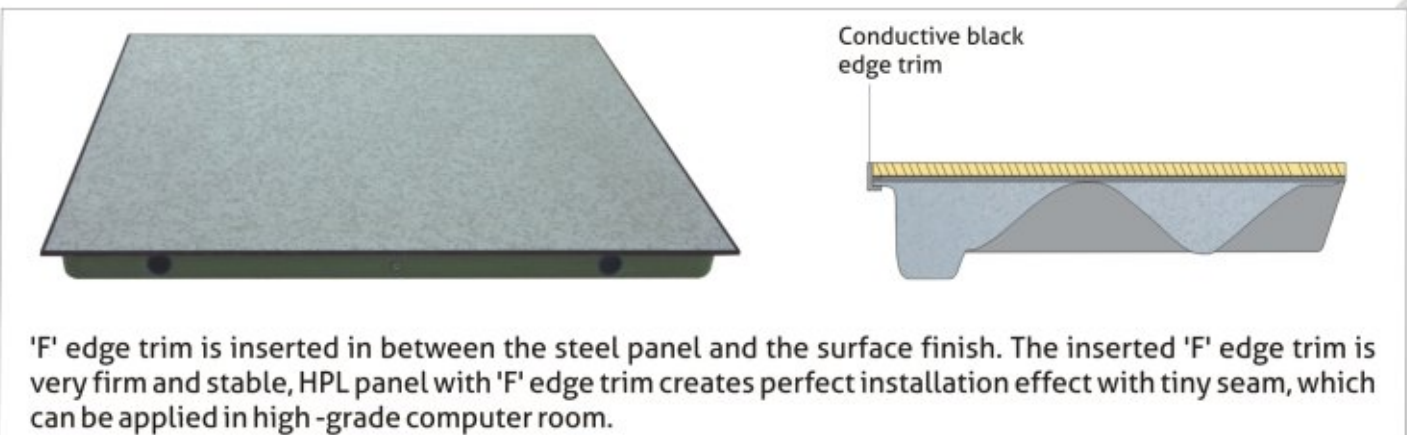
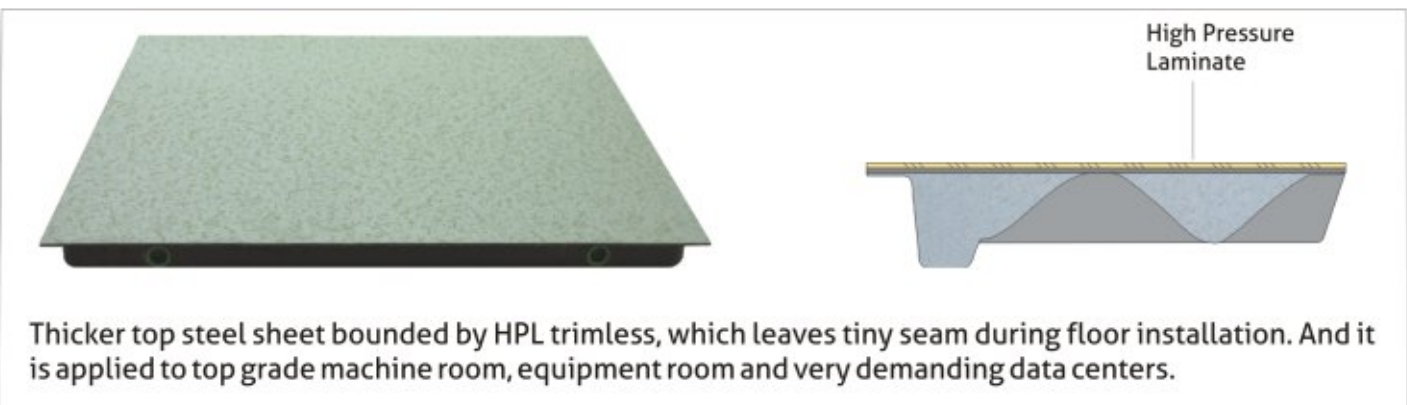
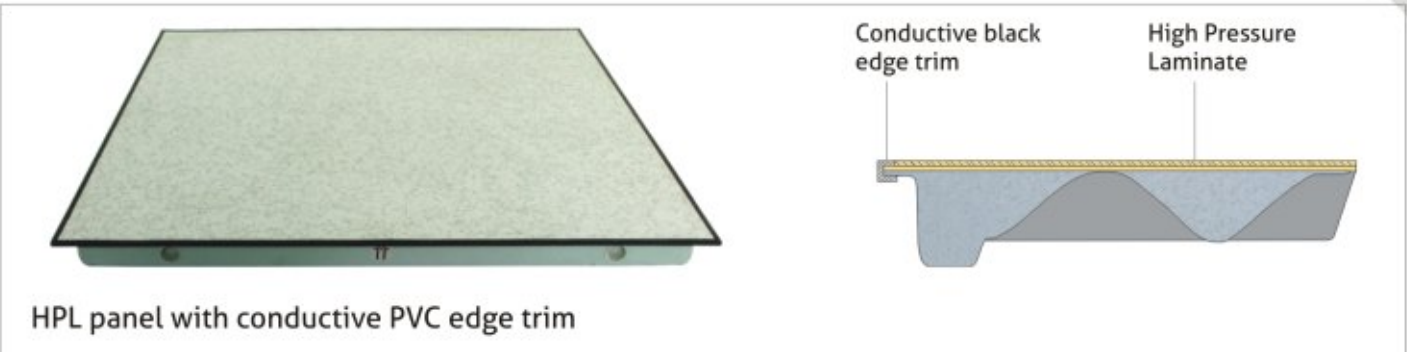
Application

Antistatic access floor is widely used in computer center, communication center, data center, the power station, microwave communication stations, satellite ground stations, mobile communication center, program-controlled telephone exchange center, radio and television editorial room and other professional editorial command room. And it is installed in production workshop of integrated circuits, computer, telecommunications, electronics and optical equipment. It can be seen in hospital operation room, electronic imaging examination rooms, electrostatic sensitive industry like military, petro chemical and other inflammable places.

Specifications

Type	Size mm	Concentrated Load (N KG)		Rolling Load (N)	Ultimate Load (N)	Uniform Load (N/m ²)	Fire Protection Performance	Resistance
FS700	600X600X35	≥2950	≥300	≥2255	≥8850	≥12500	Non combustible ASTM E84-01: Flame Spread:0 Smoke Density:0	10 ⁶ -10 ¹⁰ -Ω
FS800	600X600X35	≥3550	≥363	≥2950	≥10650	≥16500		
FS1000	600X600X35	≥4450	≥454	≥3560	≥13350	≥23000		
FS1250	600X600X35	≥5560	≥567	≥4450	≥16680	≥33000		
FS1500	600X600X35	≥6665	≥680	≥5560	≥19995	≥39324		
FS2000	600X600X35	≥8908	≥909	≥7790	≥26724	≥52557		

The main structure



PVC | Vinyl Anti-Static Raised Floor

Introduction

- Excellent conductivity
- Dust - proof
- Excellent fire prevention capabilities, meets class A fire rating
- Good durability
- Good loading capacity
- Outstanding decorative capability & extensive selection of vinyl color

The steel panel is bonded with conductive PVC vinyl tile which creates a permanent conductive system. The marbling appearance of the PVC vinyl tile provides an outstanding decorative appearance. PVC raised floor is widely applied in telecommunication room, power station, computer room, electrical control room, factory clean room and other antistatic demanding area.



1000 class clean room



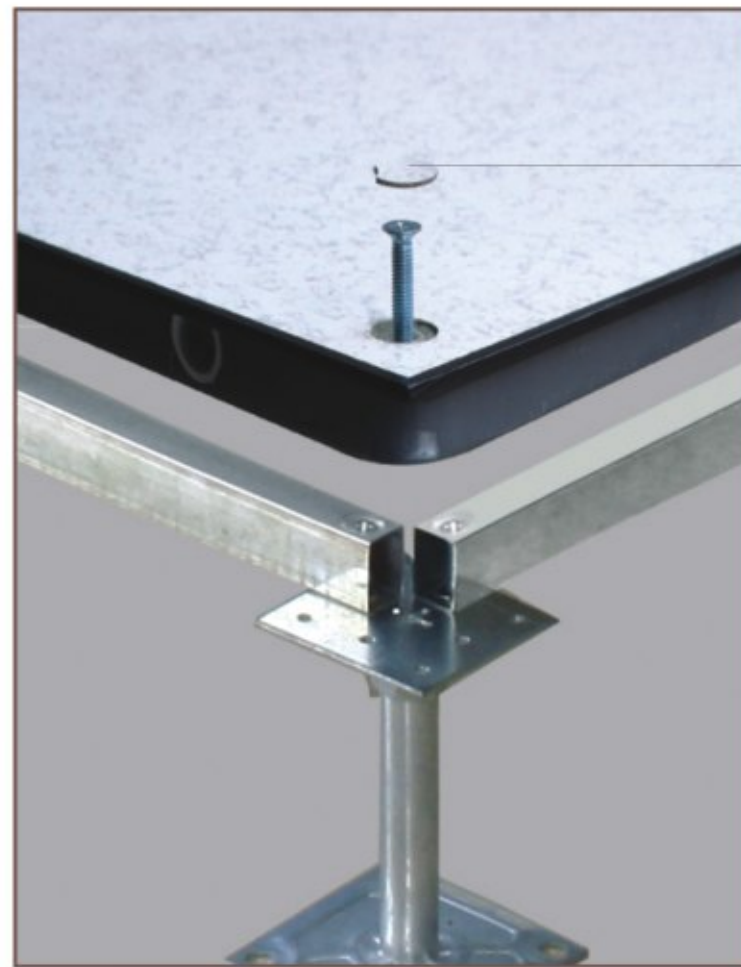
10K class clean room



Specifications

Type	Size mm	Concentrated Load (N KG)		Rolling Load (N)	Ultimate Load (N)	Uniform Load (N/m ²)	Fire Protection Performance	Resistance
FS700	600X600X35	≥2950	≥300	≥2255	≥8850	≥12500	ASTM E84-01: Flame Spread:0 Smoke Density:0	Conductive 10 ⁴ -10 ⁶ -Ω Static Dissipative 10 ⁶ -10 ¹⁰ -Ω
FS800	600X600X35	≥3550	≥363	≥2950	≥10650	≥16500		
FS1000	600X600X35	≥4450	≥454	≥3560	≥13350	≥23000		
FS1250	600X600X35	≥5560	≥567	≥4450	≥16680	≥33000		
FS1500	600X600X35	≥6665	≥680	≥5560	≥19995	≥39324		
FS2000	600X600X35	≥8908	≥909	≥7790	≥26724	≥52557		

Laminate/Vinyl Panel with Corner-Lock



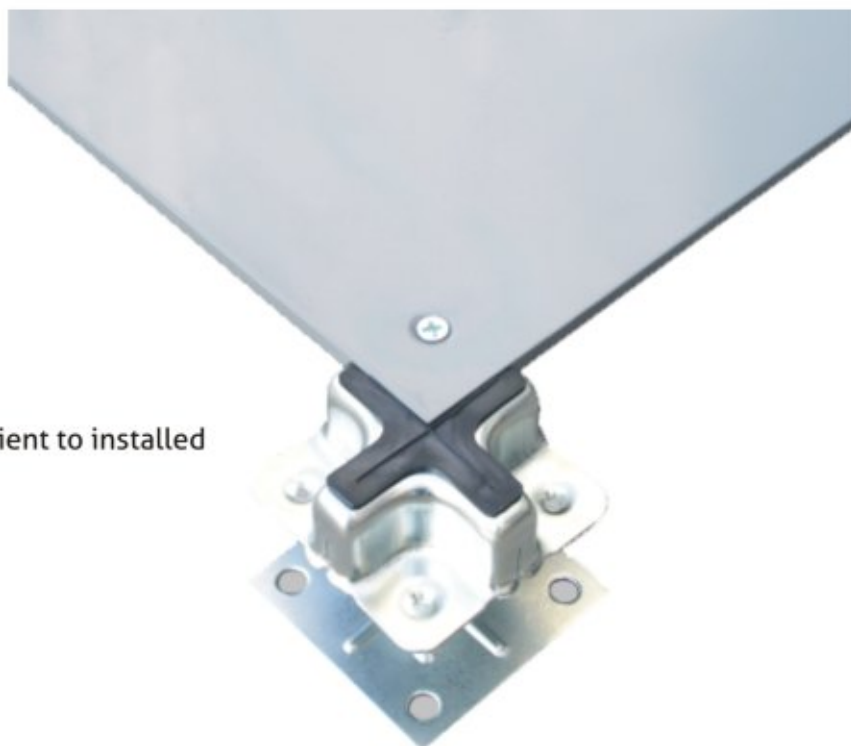
Punched tile chip

HPL, PVC or carpet corners are punched holes to fit and stick to the corner lock panels. This panel is installed to pedestal head by corner lock screws. The punched tile chips will be put back to the corner holes at last.

HPL/PVC/Carpet panel with corner lock is installed by corner lock screws to pedestal head without stringers. And the panel will perfectly fit to the die-formed cross pedestal head, which will greatly simplify the installation work.

Features

- Flexible, efficient and convenient to installed
- Floor structural stables
- Economical



Raised Access Floor with Ceramic Finish

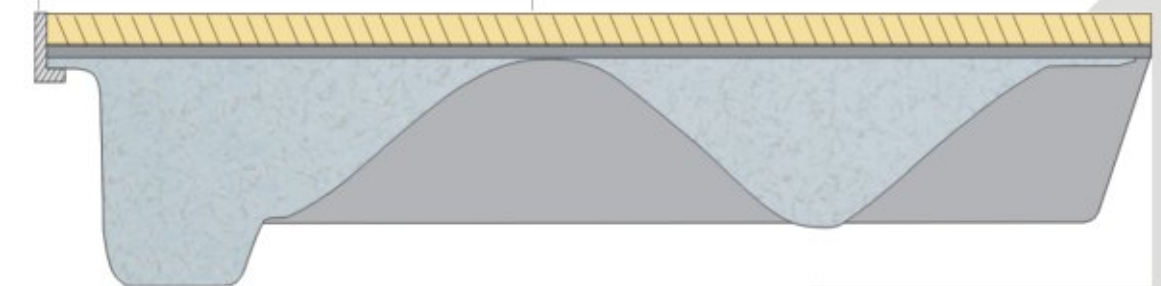
Structure

By improving the traditional ceramic tile paving method laying it to all steel panel instead. In comparison to other access floor system, it obtains higher fire -proof grade and better resistance to abrasion.



Conductive black edge trim

Ceramic Tile



Application

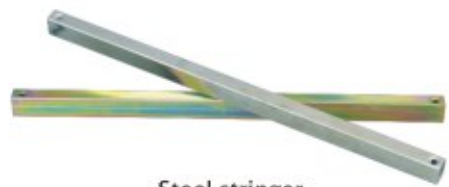
This panel is widely used in control rooms, converter rooms, electronics manufacturing factory, clean rooms and telecommunications rooms.

Features

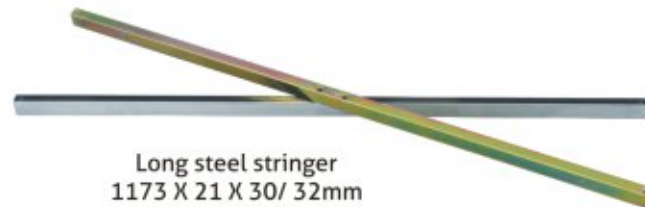
- Fire resistance performance : Class A
- Resistance to abrasion : 0.1g/1000 rounds
- Water Absorption : Less than 0.5%
- Pollution-resistance, decorative, variety ceramic patterns
- Anti-aging and environment friendly



Standard steel pedestal assembly



Steel stringer
573 X 21X 30/32mm



Long steel stringer
1173 X 21 X 30/ 32mm



Diagonal brace



Bracing stringer



Heavy duty pedestal



Extra heavy duty pedestal



Φ28



Φ32



Φ38



Φ45



Calcium Sulphate Raised Floor (Bare Panel)

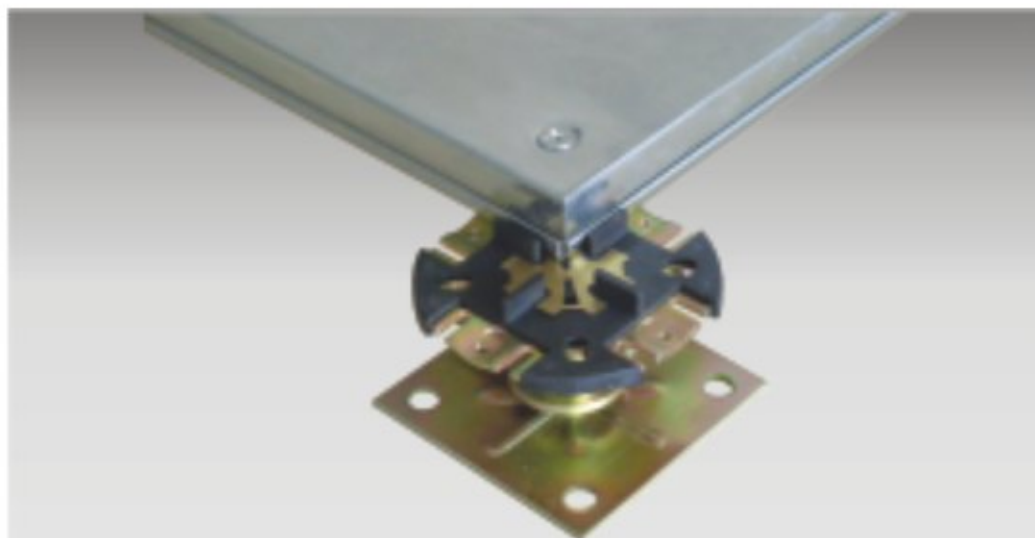
ECP, EC-CL

Encapsulated Calcium Sulphate Panel
ECP: Gravity Lay
EC-CL: Corner Lock



Structure

Encapsulated calcium sulphate panel consist of high-strength calcium sulphate (calcium silicate or cement wood core) core. Top and bottom steel sheet is bonded to the core with profiled edges.

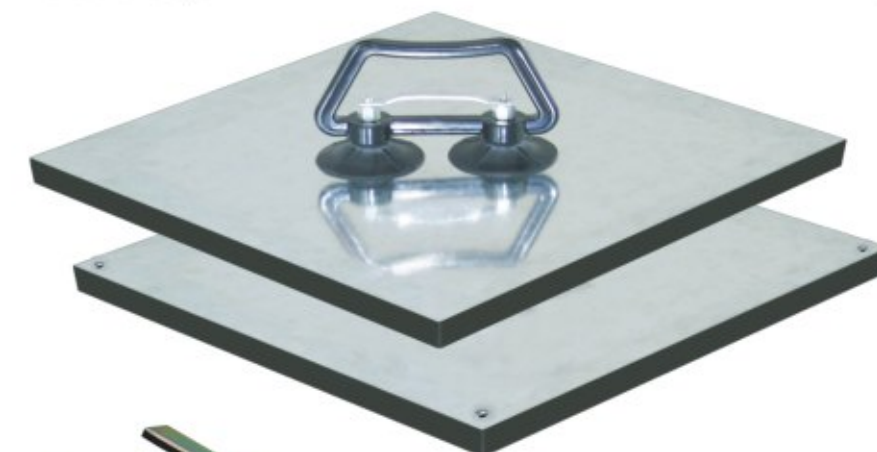


Features

- Product with perfect structure
- Full steel encapsulated and good sealing
- Constituted by all steel sheet, good loading capacity
- High dimension accuracy and excellent interchangeability
- Waterproof, fireproof and sound insulation
- Elaborated media and good decorative effect

P-EC-B, P-EC-CL

Bare calcium sulphate panel with PVC band edge
P-EC-B: Gravity Lay
P-EC-CL: Corner Lock



Understructures

Understructures for installation of calcium sulphate raised floor and wood core raised floor.

Specifications

Resistance	Type	Size mm	Concentrated Load (N)	Concentrated Load (KG)	Rolling Load (N)	Ultimate Load (N)	Uniform Load (N/m²)	Fire Protection Performance
EC EC-CL	FS800	600X600X28	≥3550	≥363	≥2950	≥10650	≥16500	ASTM E84-01: Flame Spread:0 Smoke Density:0
	FS1000	600X600X28	≥4450	≥454	≥3560	≥13350	≥23000	
		600X600X30						
	FS1250	600X600X30	≥5560	≥567	≥4450	≥16680	≥33000	
P-EC-B P-Ec-CL	FS800	600X600X28	≥3550	≥363	≥2950	≥10650	≥16500	
	FS1000	600X600X28	≥4450	≥454	≥3560	≥13350	≥23000	
		600X600X30						
	FS1250	600X600X30	≥5560	≥567	≥4450	≥16680	≥33000	

Anti-Static Calcium Sulphate Raised Floor

P-EC PVC

P-EC anti-static calcium sulphate panel with PVC band edge

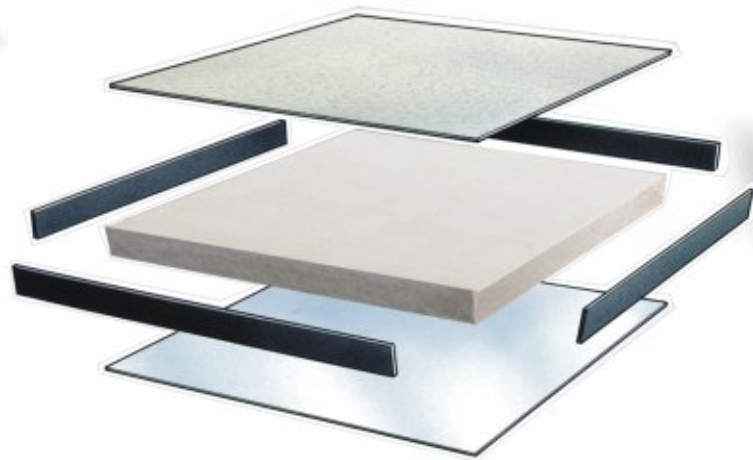
Main Size

600 x 600 x 30(mm) 600 x 600 x 32(mm)

Structure

P-EC anti-static calcium sulphate panel consist of high-strength calcium sulphate (calcium silicate or cement particle board) core.

Steel sheet is bonded to the bottom of core . HPL or PVC is bonded to the top of core. PVC edging strip is glued to each edge of the panel.

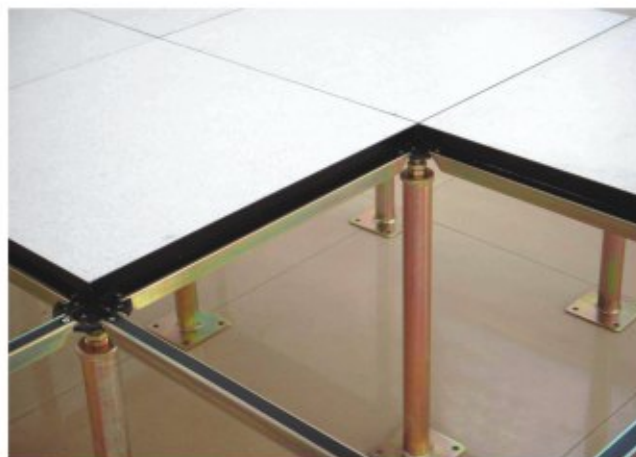


Features

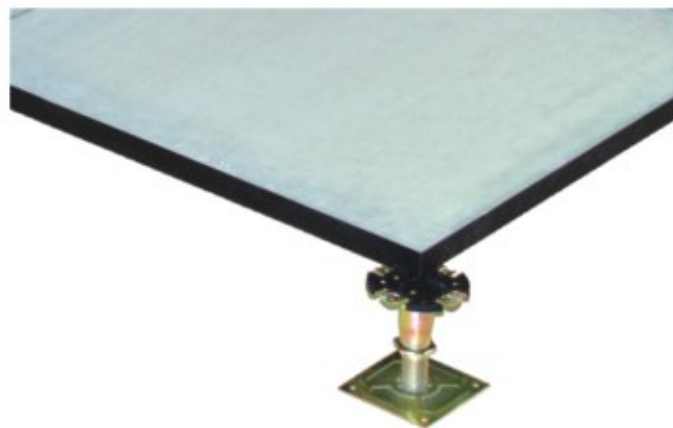
- Good loading capacity and conductivity
- High dimension accuracy and good interchangeability
- Good sealing and waterproof
- Fire - proof, sound insulation and corrosion resistance
- Elaborated made, good decorative effect and comfortable when walking through
- Environmental friendly and free of Pollution

Installation

Raised floor with finished floor height 200mm can be loose lay structure. Otherwise, it should be installed with stringers.



Bolted stringer system



Gravity lay system

B-EC

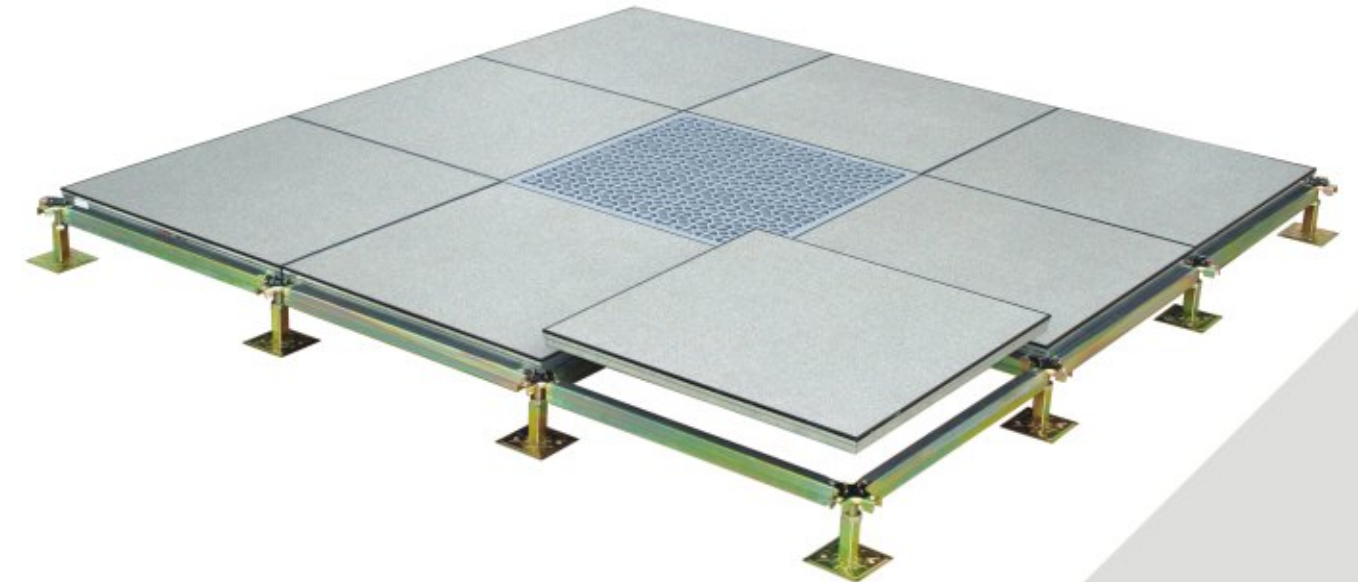
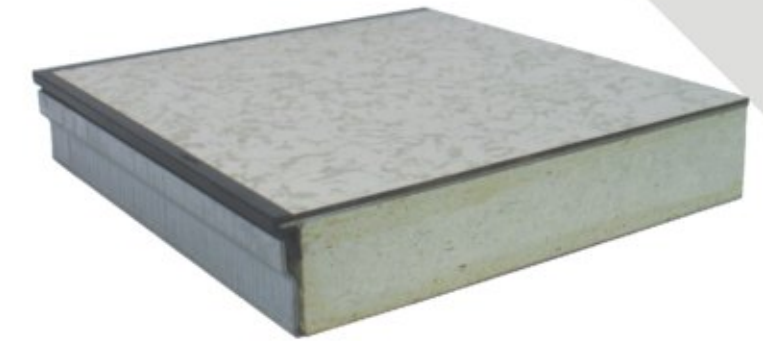
B-EC encased calcium sulphate panel with HPL and PVC edge trim

Main Size

600 x 600 x 28(mm)

Structure

B-EC anti-static calcium sulphate panel is encased with galvanised steel sheet as top and bottom, high-strength calcium sulphate (calcium silicate or cement particle board) as the core material. The top steel sheet is bonded with HPL and PVC edge trim.



Application

Anti- static calcium sulphate raised floor is telecommunication room, power station, computer room, factory clean room and other anti -static requiring places.

Specifications

	Type	Size mm	Concentrated Load (N)	Concentrated Load (KG)	Rolling Load (N)	Ultimate Load (N)	Uniform Load (N/m ²)	Fire Protection Performance	System Resistance
P-EC	FS800	600X600X30	≥3550	≥363	≥2950	≥10650	≥16500	ASTM E 84-01:	R<10 ¹⁰ -Ω
	FS1000	600X600X30	≥4450	≥454	≥3560	≥13350	≥23000		10 ⁶ -10 ¹⁰ -Ω
	FS1250	600X600X32	≥5560	≥567	≥4450	≥16680	≥33000	Flame Spread : 0	Conductive 10 ⁶ -10 ¹⁰ -Ω
B-EC	FS1000	600X600X30	≥4450	≥454	≥3560	≥13350	≥23000	Smoke Density : 0	Static Dissipative 10 ⁶ -10 ¹⁰ -Ω
	FS1250	600X600X32	≥5560	≥567	≥4450	≥16680	≥33000		

High - Density Wood Core Raised Floor

EW, EW-CL

Encapsulated wood core panel
EW: Gravity Lay Tile
EW-CL: Corner Lock.

Main Size

600 x 600 x 28(mm) 600 x 600 x 30(mm)

Structure

Wood core raised floor is Encapsulated to provide full steel encasement with high quality galvanized steel sheet as top and bottom. High density particle board as the core material.

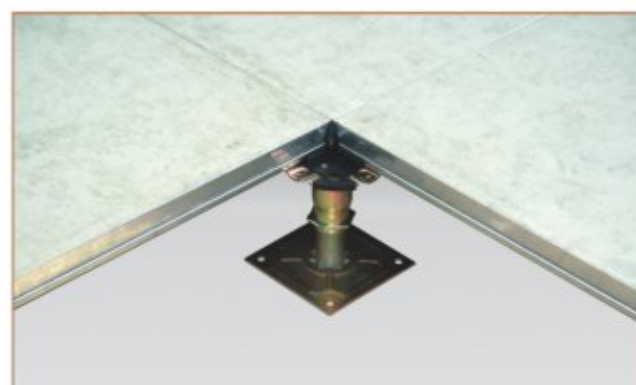
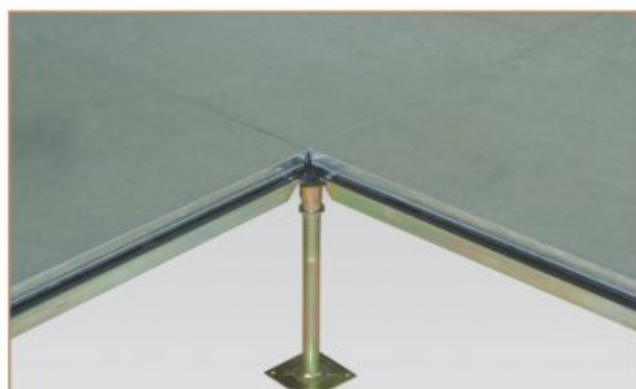


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Features

- Patent product and perfect structure
- Full steel encasement and good sealing
- Light weight, less noise and comfortable when walking through
- High dimension accuracy and good interchangeability
- Constituted by all steel sheet, good loading capacity
- Elaborated made and creates good decorative effect



P-EW-B, P-EW-CL

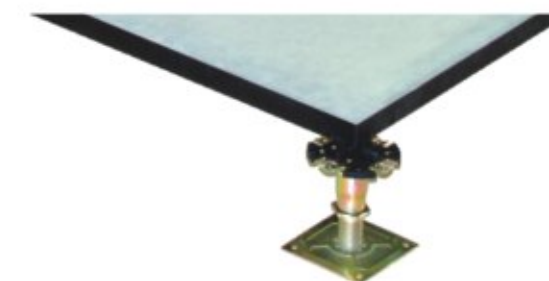
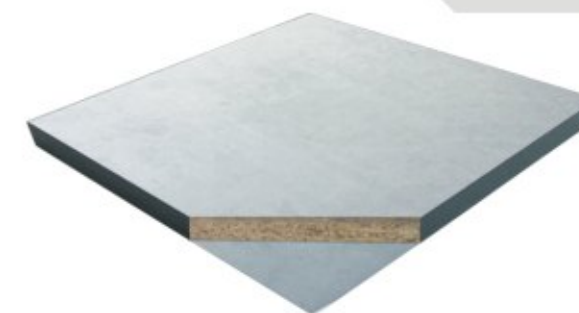
Bare wood core panel with HPL and PVC band edge.
P-EW-B: Gravity Lay Tile
P-EW-CL: Screw Down Tile

Main Size

600 x 600 x 30 600 x 600 x 40(mm)

Structure

P-EW-B and P-EW-CL wood core panel consist of high-density particle board with beveled edges to the bottom surface which is bonded steel sheet. Steel sheet is bonded to the top surface of the core. PVC edging strip is glued to each of the panel.



Applic

High-density wood core raised floor is widely installed in 5A grade intelligent building, meeting room, audio-visual teaching room, entertainment center and hotel.

Specification

Resistance	Type	Size mm	Concentrated Load (N) (KG)		Rolling Load (N)	Ultimate Load (N)	Uniform Load (N/m²)
EW	FS800	600X600X28	≥3550	≥363	≥2950	≥10650	≥16500
EW-CL	FS1000	600X600X28*	≥4450	≥454	≥3560	≥13350	≥23000
		600X600X30					
P-EW-B	FS800	600X600X30	≥3550	≥363	≥2950	≥10650	≥16500
P-EW-CL	FS1000	600X600X30*	≥4450	≥454	≥3560	≥13350	≥23000
		600X600X40					

Anti-Static High-Density Wood Core Raised Floor

P-EW, PVC

P-EW anti-static wood core panel with PVC band edge

Main Size

600 x 600 x 30(mm) 600 x 600 x 40(mm)



Structure

Anti-static wood core raised floor consist of high density particle board. Steel sheet is bonded to the bottom of the clipboard. HPL or PVC is bounded to the top of the clipboard with PVC edging strip glued to each edge of the panel.

Features

- Light weight, less noise and comfortable when walking through
- Smooth floor surface, high dimension accuracy and good interchangeability
- Good loading capacity and excellent anti-static properties
- Good sealing and waterproof
- Elaborated made and creates good decorative effect

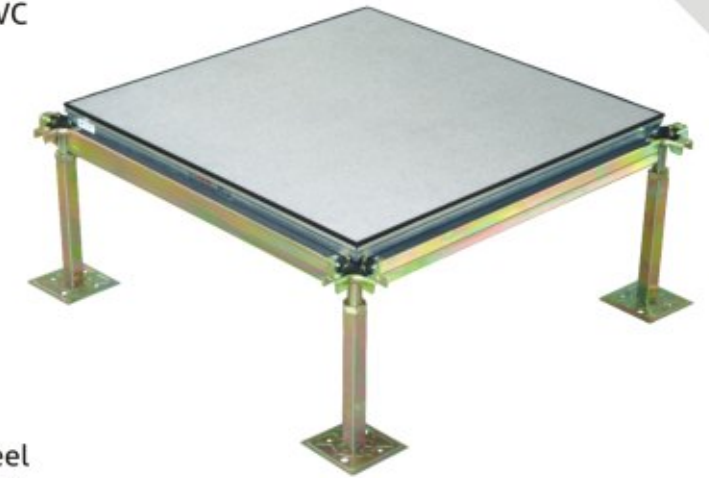


B-EW

B-EW encased woodcore panel with HPL and PVC edge trim

Main Size

600 x 600 x 28(mm)



Structure

B-EW panel is encased with top and bottom steel sheet. High density partical board as the core material. The top steel sheet is bounded with anti-static HPL or conductive PVC and PVC edge trim.

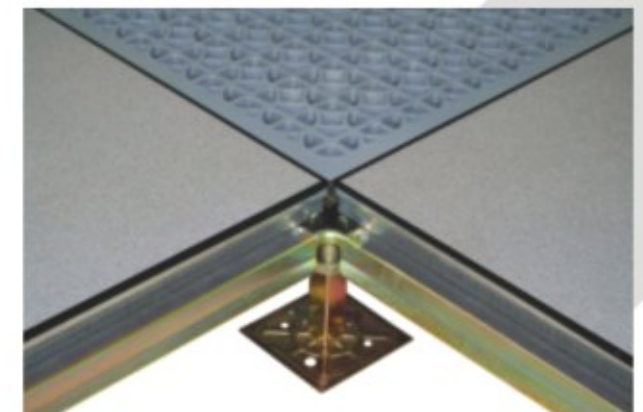
System Assembly

Anti static wood core raised floor is installed with stringer and pedestal. Stringer is installed to the pedestal head by stringer screws and panel is laid to the installed stringer frame with height adjustable pedestal.



Application

Anti-static wood core raised floor is installed in telecommunication room, power station, computer room, electrical control room, factory clean room and other anti-static requiring area.



Specification

Resistance	Type	Size mm	Concentrated Load		Rolling Load (N)	Ultimate Load (N)	Uniform Load (N/m ²)	
EW	FS800	600X600X30	≥3550	≥363	≥2950	≥10650	≥16500	R<10 ¹⁰ -Ω 10 ⁶ -10 ¹⁰ -Ω
EW-CL	FS1000	600X600X30*	≥4450	≥454	≥3560	≥13350	≥23000	Conductive 10 ⁶ -10 ¹⁰ -Ω
		600X600X40						
P-EW-B	FS1000	600X600X28*	≥4450	≥454	≥3560	≥13350	≥23000	Static Dissipative 10 ⁶ -10 ¹⁰ -Ω

Steel Perforated Panel/Grating Panel

22% steel perforated panel is made of high-quality steel by drawing, punching, spot-welding and powder-coating. Inside is made hollow and placed with enhanced grille. Surface is bounded by HPL or PVC with a ventilation rate of 22 percent. This panel can be installed with steel raised floor which meets air flow requirements from 0-22% for various industries.



22% Steel Perforated Panel

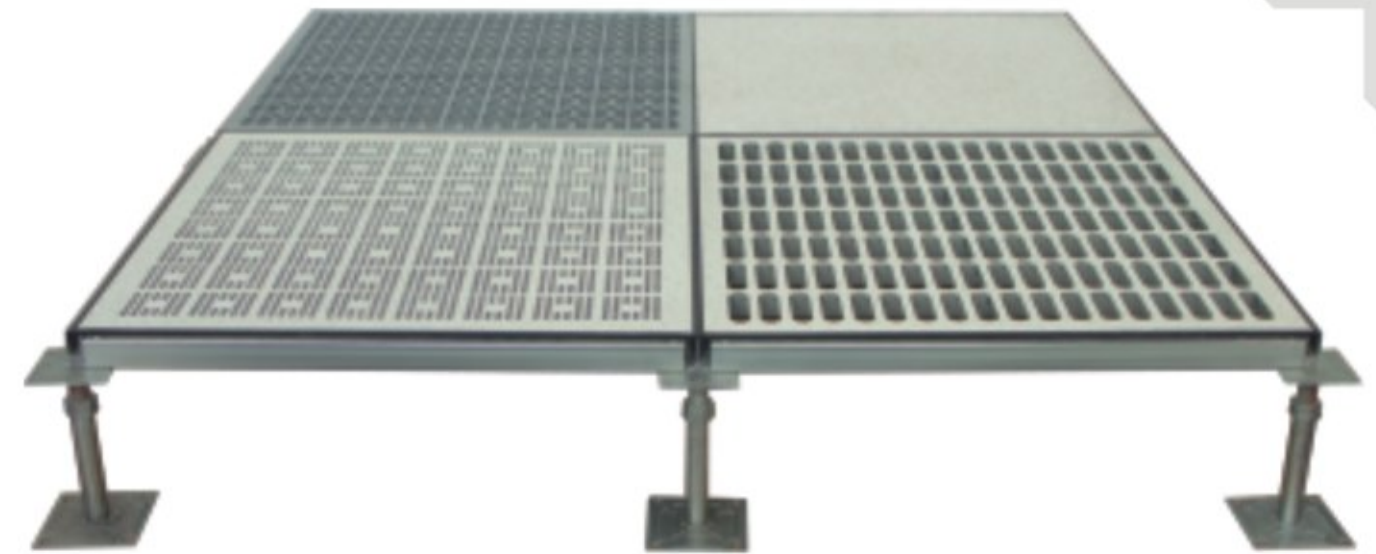
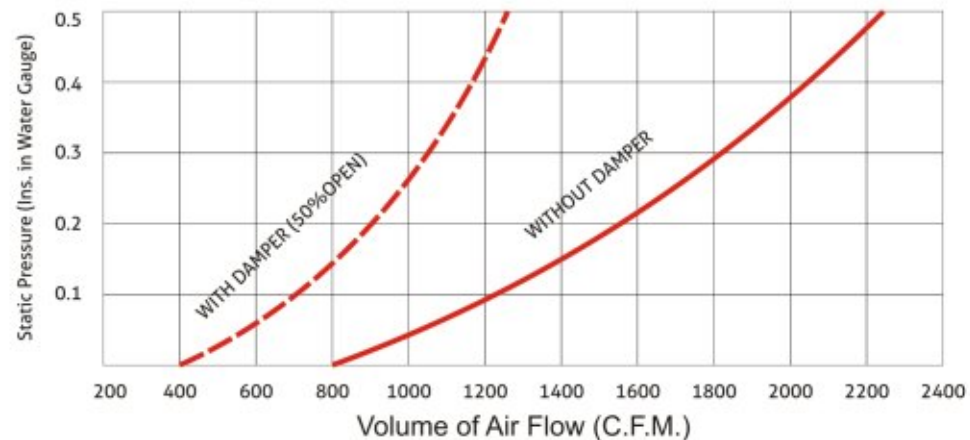
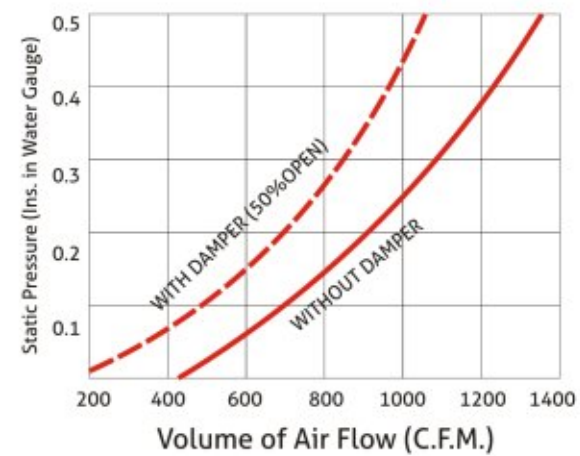


22% Steel Perforated Panel with Sliding Damper

45% ventilation rate SMARTile Steel Grating panel is highly recommended in places which requires higher air flow rate.

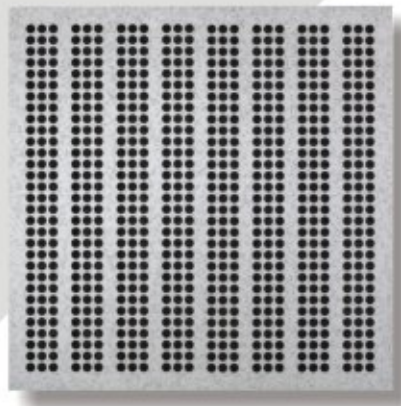


45% Steel Grating Panel



Steel Perforated Panels Installation

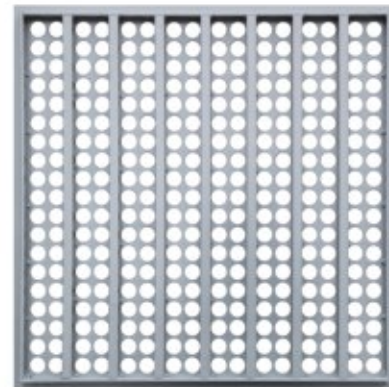




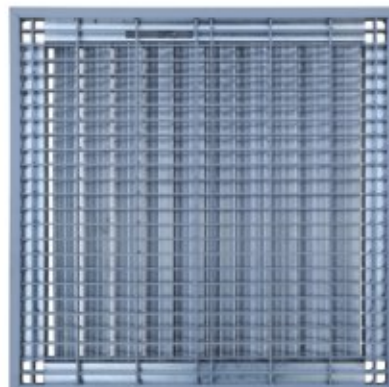
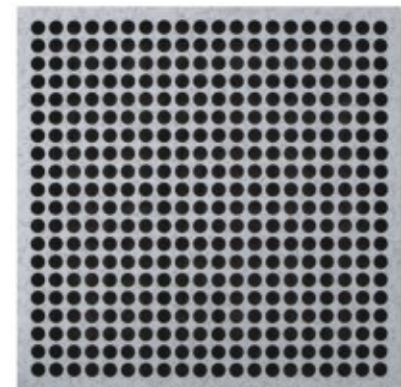
30% open area



32% open area



40% open area



45% open area



50% open area



70% open area

Introduction

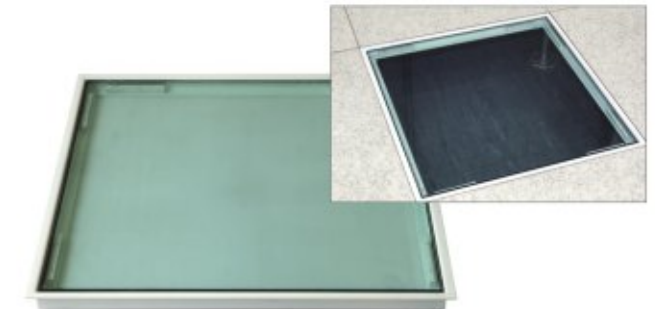
The glass panel is 24mm thick made of two layers of stalinite. It is compatible for whole range of SMARTile raised floor system by using an unique designed strong steel frame.

Application

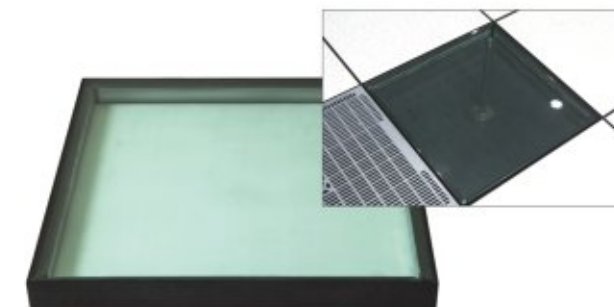
It is recommended where underfloor instrument observation is required.

Features

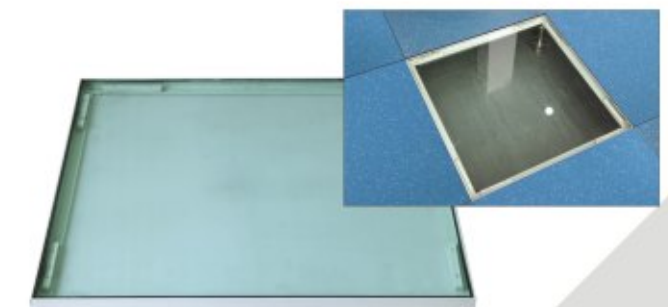
- High load bearing capacity
- Transparent
- Free interchangeability
- Quick and easy installation



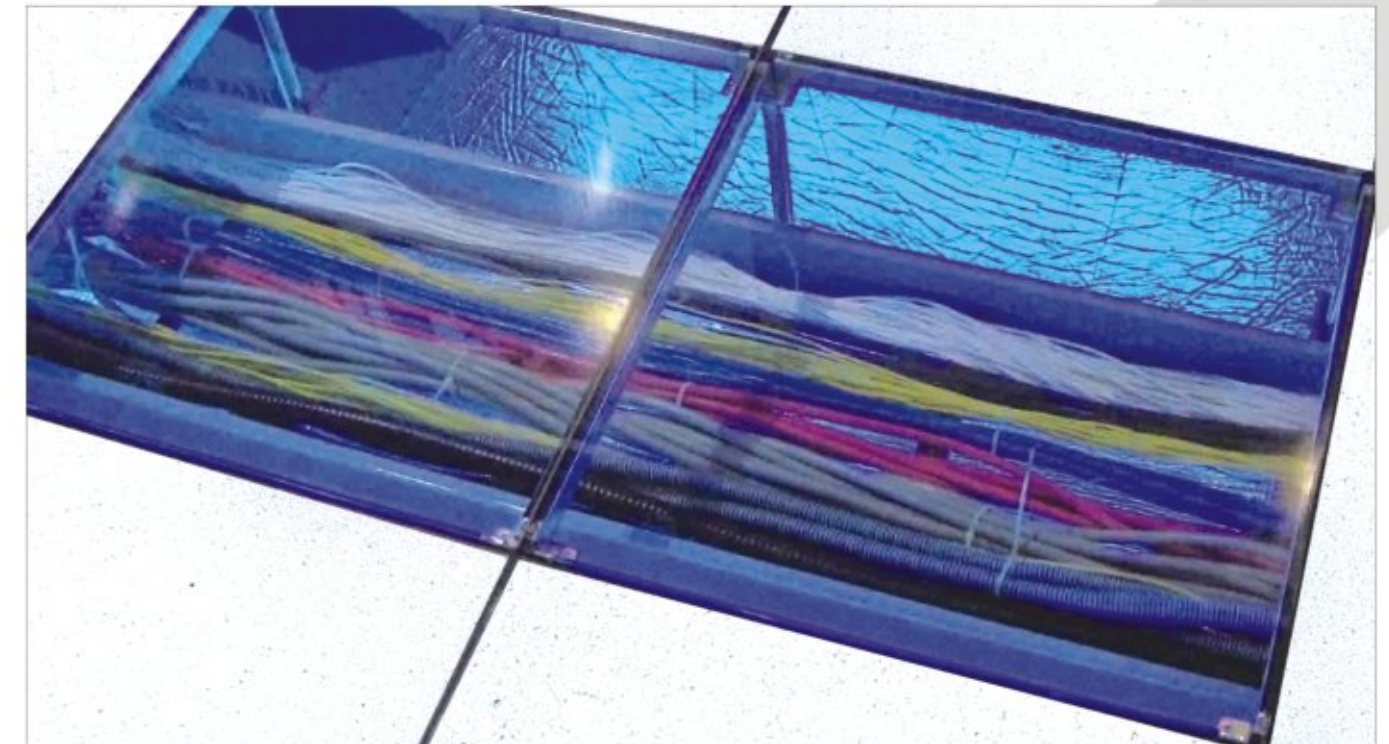
60cm and 24" steel raised floor compatible



Compatible with Aluminium raised floor



Compatible with calcium sulphate raised floor



Aluminium Access Floor

Structure

Aluminium shield panel is die-casted by pure Aluminium ingot. It is anti-corrosion and high strength. This panel can be epoxy powder coated or nickel chrome plated. Both finish makes the panel gentle glow, anti-corrosion and anti-wear.

Features

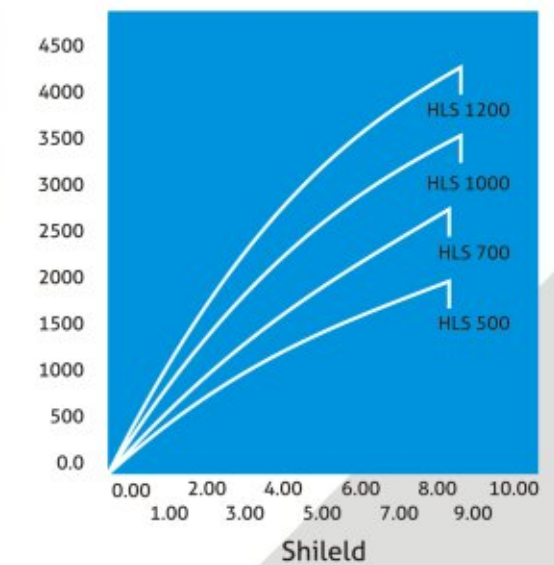
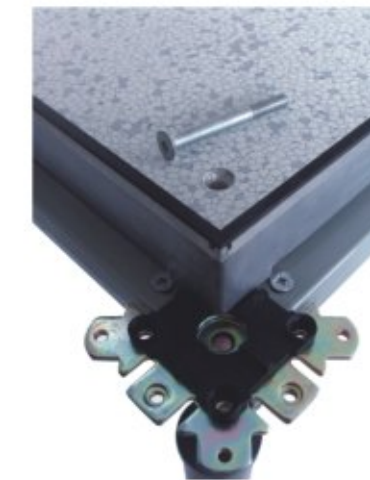
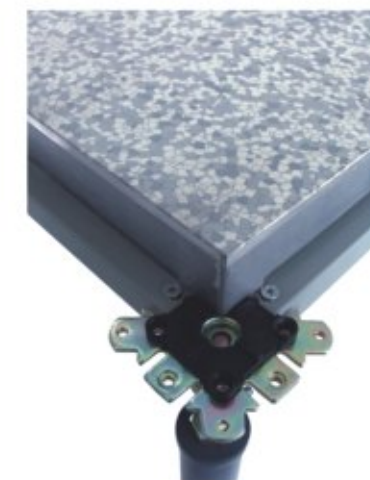
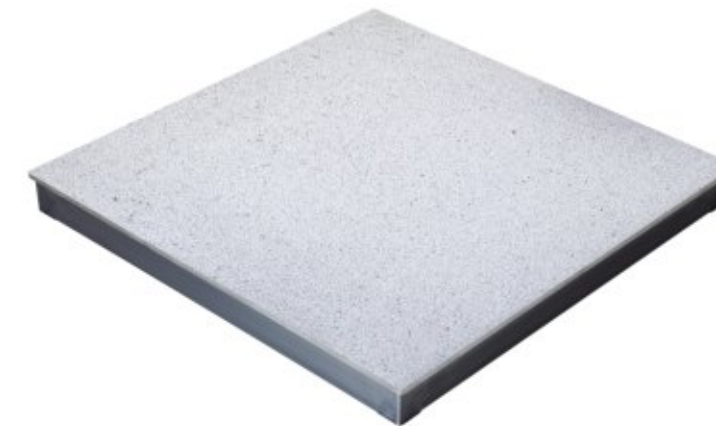
- Patent design with high dimension accuracy
- Light weight, high density and good loading capacity
- Waterproof, fireproof, anti-corrosion, anti-magnetic, environment friendly and non-radiation
- Stable structure and never deflects, good conductivity
- Recyclable and economical

Application

SMARTile Aluminium raised floor is widely used in the aerospace center, military command headquarter, data center and high - grade clean room.

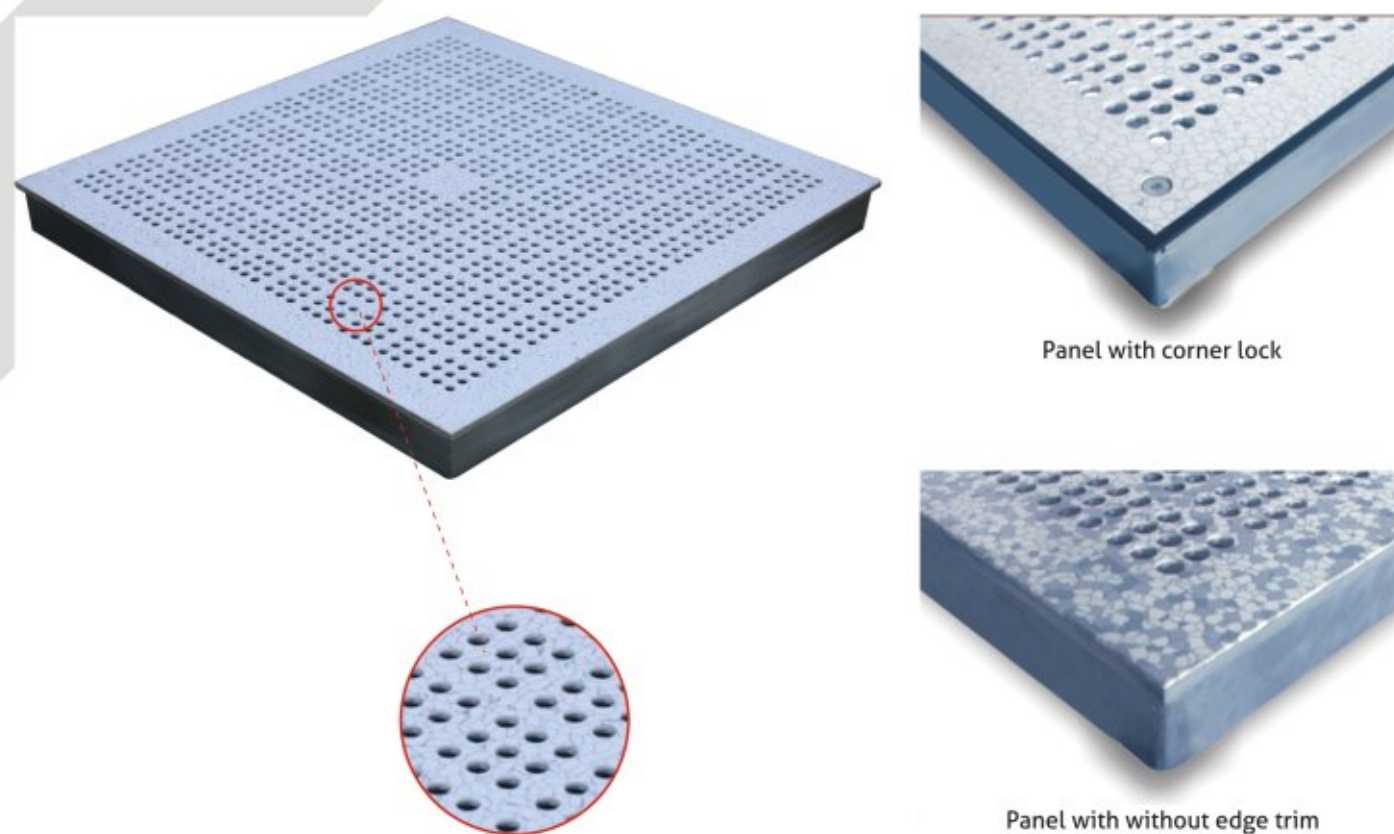


Solid Panel



Product		HLS 500	HLS 700	HLS 1000	HLS 1200
Material		Aluminium Die Cast	Aluminium Die Cast	Aluminium Die Cast	Aluminium Die Cast
Dimension		Φ600 x 50.55	600 x 50.55	600 x 55	600 x 55
Stregth		500 kg Concentrated load / Deflection 2.0mm	Concentrated load 700kg / Deflection 2.0mm	Concentrated load 1000kg / Deflection 2.0mm	Concentrated load 1200kg / Deflection 2.0mm
Surface	PVC no	0	0	0	0
	HPL	0	0	0	0
Surface Treatment	Epoxy Coating	0	0	0	0
	Ni-Cr Planing	0	0	0	0

Perforated Panel



Features

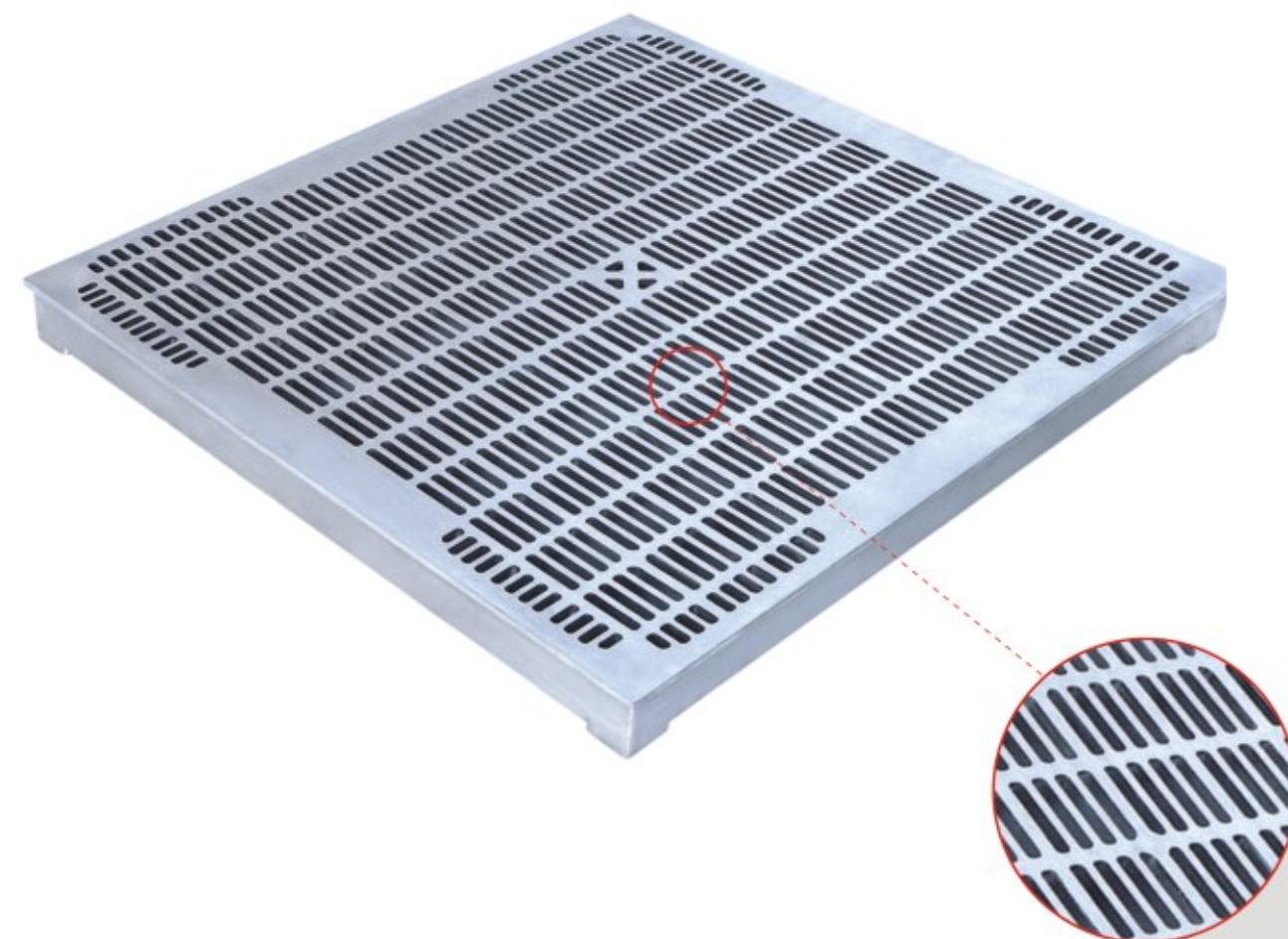
SMARTile Aluminium perforated panel is the industry's only air flow panel that allows adjustment in thickness to sit flush with the adjacent solid panels. The HLP series has a free area of 10% - 25% and comes with or without sliding dampers.

Product		HLS 500	HLS 700	HLS 1000	HLS 1200
Material		Aluminium Die Cast	Aluminium Die Cast	Aluminium Die Cast	Aluminium Die Cast
Diameter x Holes		6.0-10.5 X 1080	6.0-10.5 X 1080	6.0-10.5 X 1080	6.0-10.5 X 1080
Open Ratio		10% - 25%	10% - 25%	10% - 25%	10% - 25%
With Damper		0% - 25%	0% - 25%	0% - 25%	0% - 25%
Dimension		600 x 50.55	600 x 50.55	600 x 50.55	600 x 50.55
Stregth		500 kg / Deflection 2.0mm Concentrated load at canter	700 kg / Deflection 2.0mm Concentrated load at canter	1000 kg / Deflection 2.0mm Concentrated load at canter	1200 kg / Deflection 2.0mm Concentrated load at canter
Surface	PVC no	0	0	0	0
	HPL	0	0	0	0
Surface Treatment	Epoxy Coating	0	0	0	0
	Ni-Cr Planing	0	0	0	0

Grating Panel

Application

50% Aluminium Grating panel is widely used in clean rooms (e.g. top class. Air clean laboratory, semi-conductor workshops and operation room in hospital)

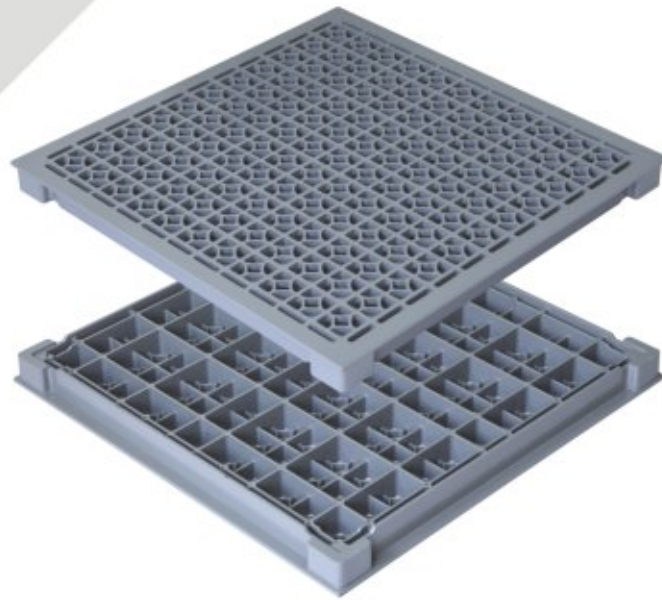


Product		HLS 700	HLS 1000	HLS 1200
Material		Aluminium Die Cast	Aluminium Die Cast	Aluminium Die Cast
Open Ratio		50	50	50
With Damper		0% - 50%	0% - 50%	0% - 50%
Dimension		600 x 55	600 x 55	600 x 55
Stregth		700 kg / Deflection 2.0mm Concentrated load at canter	1000 kg / Deflection 2.0mm Concentrated load at canter	1200 kg / Deflection 2.0mm Concentrated load at canter
Surface	PVC no	X	X	X
	HPL	X	X	X
Surface Treatment	Epoxy Coating	0	0	0
	Ni-Cr Planing	0	0	0

Aluminium Air Grille (for use with a bolted stringer steel panel or calcium sulphate panel floor system)

Introduction

Made of high strength cast aluminium. SMARTile Aluminium air grille panel offers high volume airflow for contained cold aisles. With 56% open area, it is ideal for areas that require the highest cooling and load capacity.



Design for Calcium Sulphate Lamine Panel



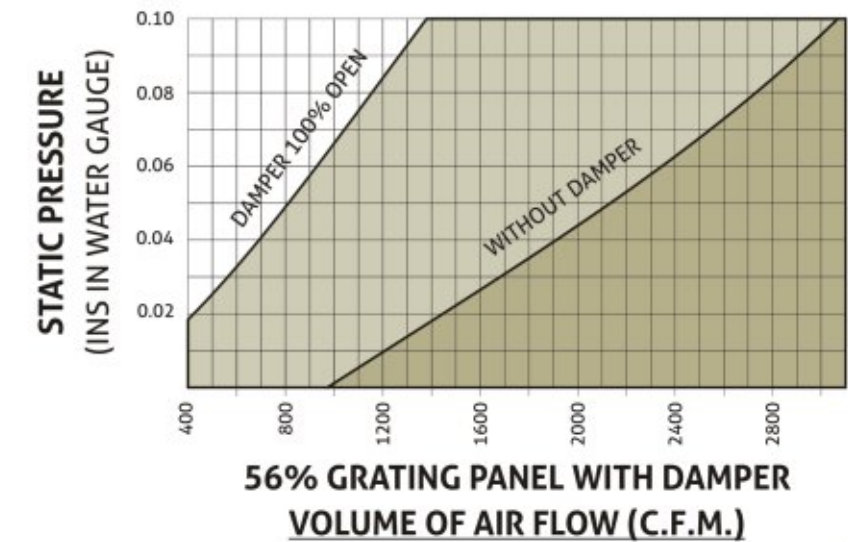
Design for Steel Lamine Panel



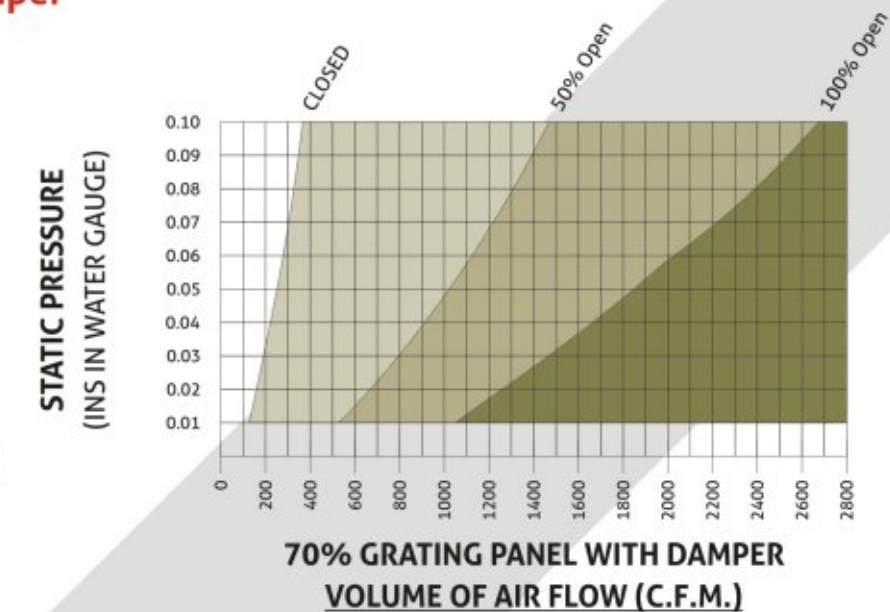
56% & 70% Grating Panel with Damper

This Aluminium panel is designed to take heavy load and ventilation rate is as high as 56% & 70%. Sliding damper can be installed to the bottom the panel to meet air flow rate requirement of 0-56% & 70%. This panel could be installed with any of SMARTile anti-static steel raised floor, anti-static calcium sulphate raised floor. High density wood core raised floor and Aluminium raised floor.

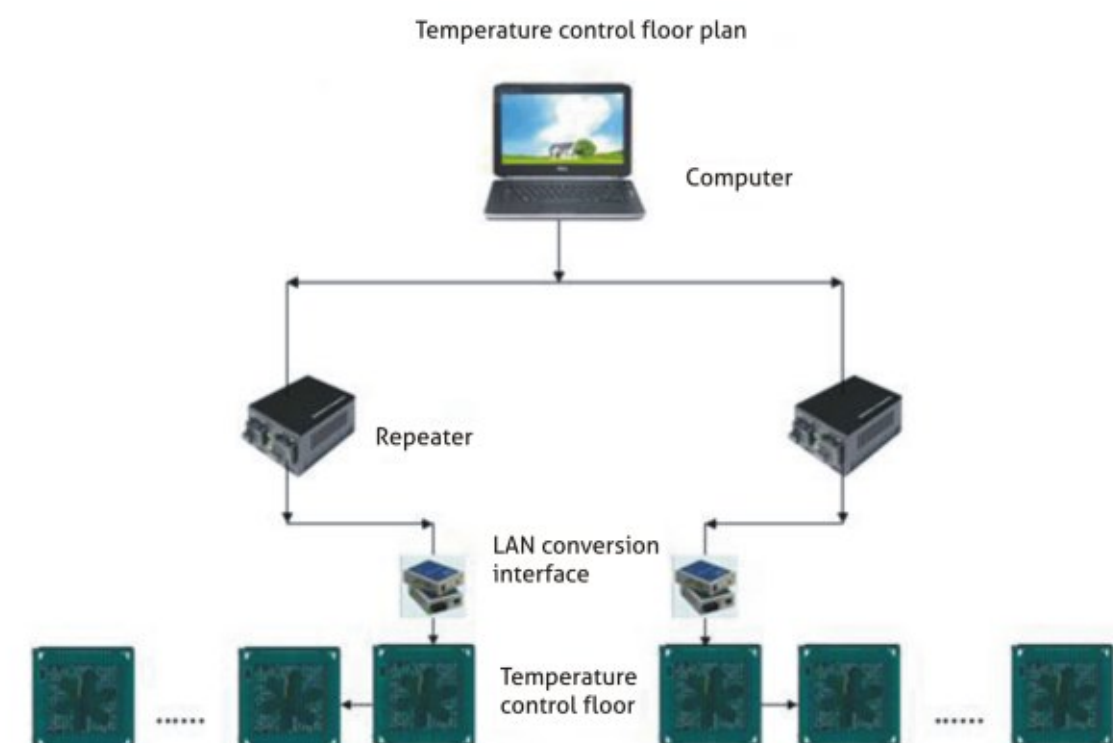
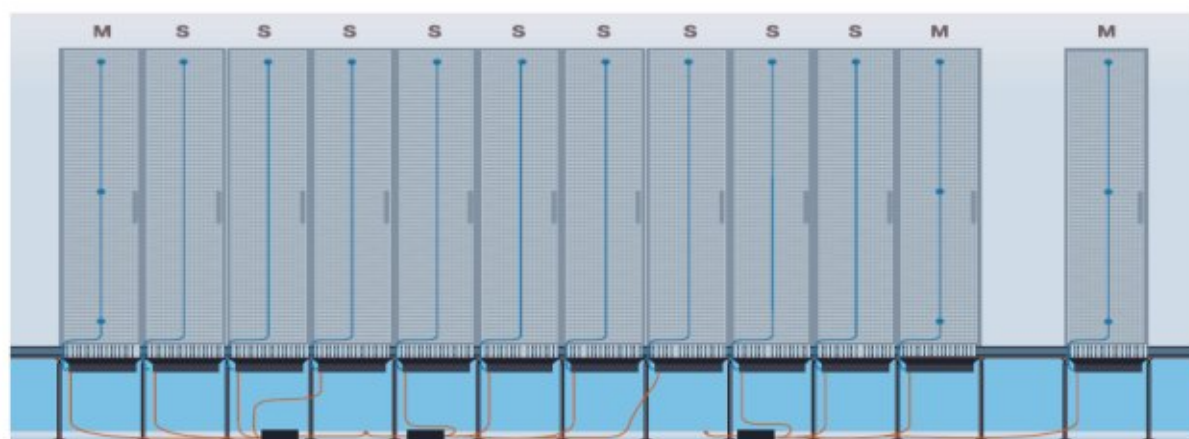
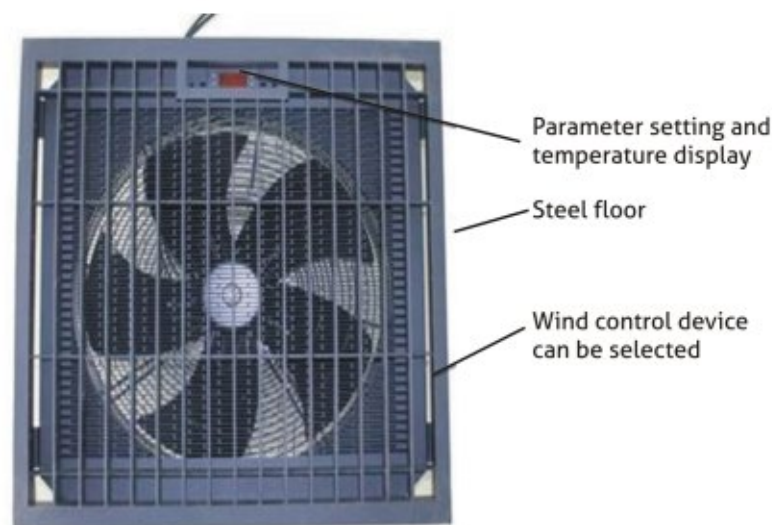
56% Grating Panel With Damper



70% Grating Panel With Damper



Intelligent Ventilation System for Server Rooms



Panel Size:
600*600*40mm

Material:
Steel Epoxy Powder Coated

Floor Guide:
15° orientation

Air volume:
4600m³/h. Maximum air volume can be set according to the requirements of the scene. Maximum 5100m³/h.

Fan:
EC high-voltage brushless fan. Floor need to be a single structure of EC axial flow fan, ventilation rate to ensure that when not in use fan turns the function of soft start.

Power supply:
220V 50Hz UPS supply. Fan needs to meet the dual power supply, one to grid, the other to UPS. When the power of grid goes off the fan automatically switch to the UPS power supply.

C&D Control and Display:
Rs485 Lan + Modbus
Control and floor integrated into an organic whole structure, display focus on the floor, convenient for temperature patrol inspection.
With RS485 or Lan interface, satisfies the requirement of the late group control.
Meets the requirements of the Modbus communication protocol.

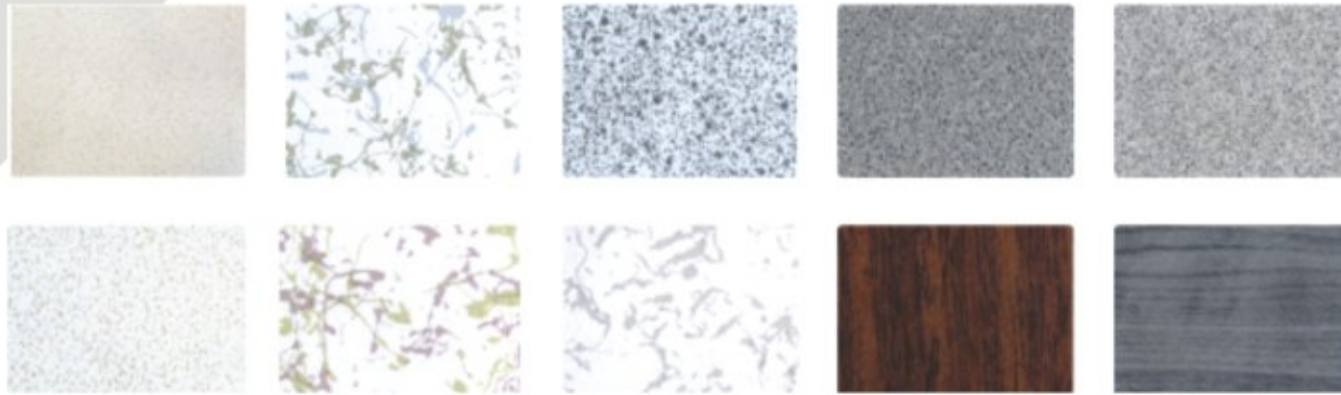
Temperature sensor:
Adopt imported sensor chip. The accuracy of the temperature reached plus or minus 0.1 °C. A single controller can configure 1-3 temperature sensors.

Compatibility:
Compatible to Steel Cementitious Panels as well as Calcium Sulphate & Woodcore panels

Clearance:
Minimum floor clearance from ground to Fan has to be 280mm

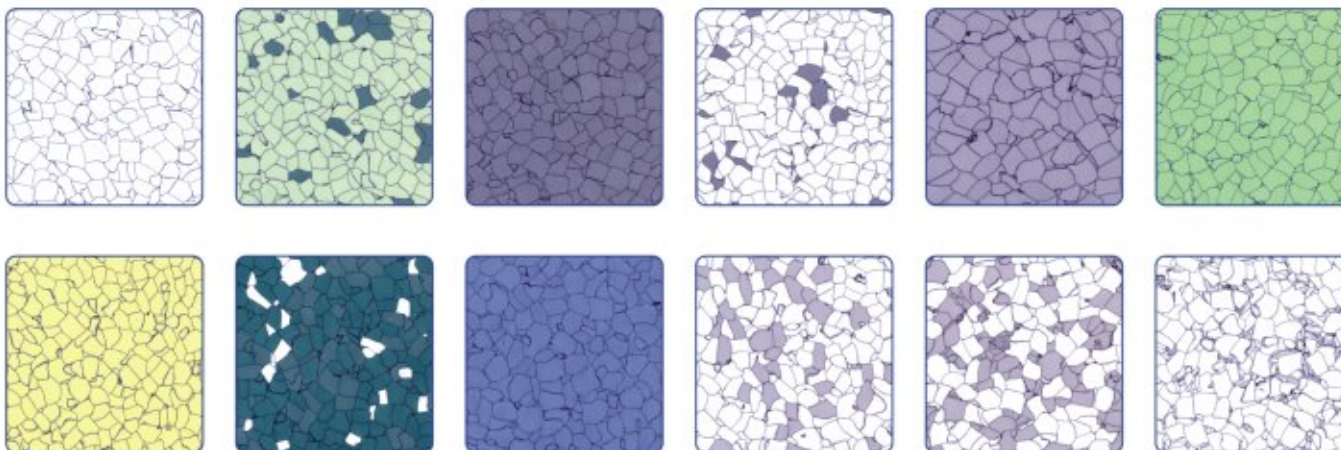
Direction of Airflow:
Direction of Airflow needs to be towards the targeted cabinet

HPL Tile



High pressure melamine laminate is widely used in various computer rooms and data centers. It is anti-static, anti-wear and free of pollution.

PVC Vinyl Tile

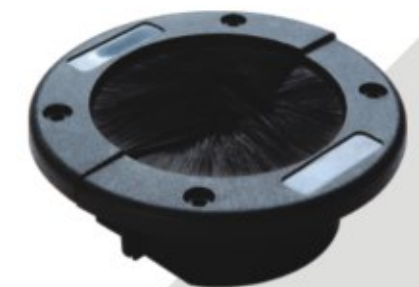


Vinyl tile is recommended in electronic manufacturing facilities. The use of conductive or static dissipative vinyl covering checks the influence of electrostatic charges in the sensitive work places.

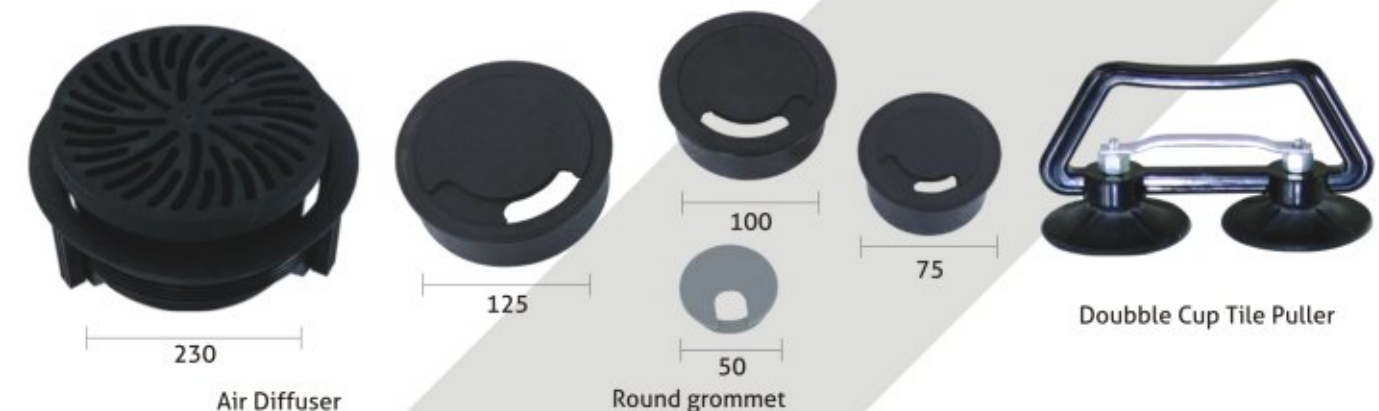
Also available Antistatic Ceramic Tile

Also available Antistatic Rubber Tile

Aluminium Air Grille with Damper



Round brush grommet (Φ 145mm)





112 X 112mm



210 X 130mm



230 X 230mm



230 X 200mm



245 X 230mm



Shanghai Tower



Zhengzhou Greenland Center



Forum 66 Tower



Ningbo Global Shipping Center



Guangzhou R & F Center



Baowu Steel Expo Headquarters



Guangzhou East Tower



Shenyang Fortune Center



China Oversea Tower(Beijing)

Panel Type →	Steel Cementitious Panels									Calcium Sulphate Panels			Woodcore Panels	
Technical Specifications ↓	FS700	FS800	FS1000	FS700	FS800	FS1000	FS1250	FS1500	FS2000	FS800	FS1000	FS1250	FS800	FS1000
Panel size (mm)	500X500	500X500	500X500	600X600	600X600	600X600	600X600	600X600	600X600	600X600	600X600	600X600	600X600	600X600
Thickness (mm)	28	28	28	35	35	35	35	35	35	28	28* / 30	30	28 / 30	28* / 30 / 40
Point/Static/ Concentrated Load ≥ (Kg/mm²)	318	363	454	318	363	454	567	680	909	363	454	567	363	454
Uniformly Distributed Load ≥ (Kg/m²)	1250	1650	2300	1250	1650	2300	3350	4000	5350	1650	2300	3350	1650	2300
Ultimate Load ≥ (kg/m²)	900	1050	1350	900	1050	1350	1700	2030	2720	1050	1350	1700	1050	1350
Rolling Load ≥ (kg/m²)	225	300	360	225	300	360	450	560	790	300	360	450	300	360
Top Finish	Bare			Bare / HPL / Vinyl / Ceramic										
Core Material	Foamed Cement									Calcium Sulphate			High Density Particle Board	
Fire Rating	Non Combustible. ASTM E84-01 : Flame Spread : 0 Smoke Density : 0									ASTM E84-01 : Flame Spread : 0 Smoke Density : 0			Class '0'	
Fixing Type	Gravity Lay / Corner Locking													
Encapsulation	Steel Sheets on top & bottom, spot welded. Powder Coated									Encapsulated / Side PVC Band / Encased with PVC Edge trim				

Panel Type →	Aluminium Die Cast Solid Panels				Aluminium Die Cast Perforated Panels				Aluminium Die Cast Grating Panels			Accessories
Technical Specifications ↓	HLS500	HLS700	HLS1000	HLS1200	HLP500	HLP700	HLP1000	HLP1200	HLG700	HLG1000	HLG1200	Pedestals
Panel size (mm)	600X600	600X600	600X600	600X600	600X600	600X600	600X600	600X600	600X600	600X600	600X600	Stringers
Thickness (mm)	55	55	55	55	50/55	50/55	50/55	50/55	55	55	55	Gromets
Top Finish	HPL / Vinyl / Epoxy Coating / Nickel Crome Plating								Epoxy Coating / Nickel Crome Plating			Cup Panel lifters
Point/Static/ Concentrated Load ≥ (Kg/mm ²)	500	700	1000	1200	500	700	1000	1200	700	1000	1200	
Diameter (mm)	-	-	-	-	6-10.5	6-10.5	6-10.5	6-10.5	-	-	-	Also Available
No. of Holes	-	-	-	-	1080	1080	1080	1080	-	-	-	Air Grilles
Open Ratio in %					10%-25%	10%-25%	10%-25%	10%-25%	50%	50%	50%	Dampers
With Damper					0%-25%	0%-25%	0%-25%	0%-25%	0%-50%	0%-50%	0%-50%	Smart Air Diffusers
Standards Complied	CISCA		MOB		SGS		ITS		MS		PSB	KS



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