

FlorTEK

ACCESS FLOOR

ISO 9001 quality certification
CISCA, MOB, JAFA, TIA standards.

HDG Steel

Aluminium

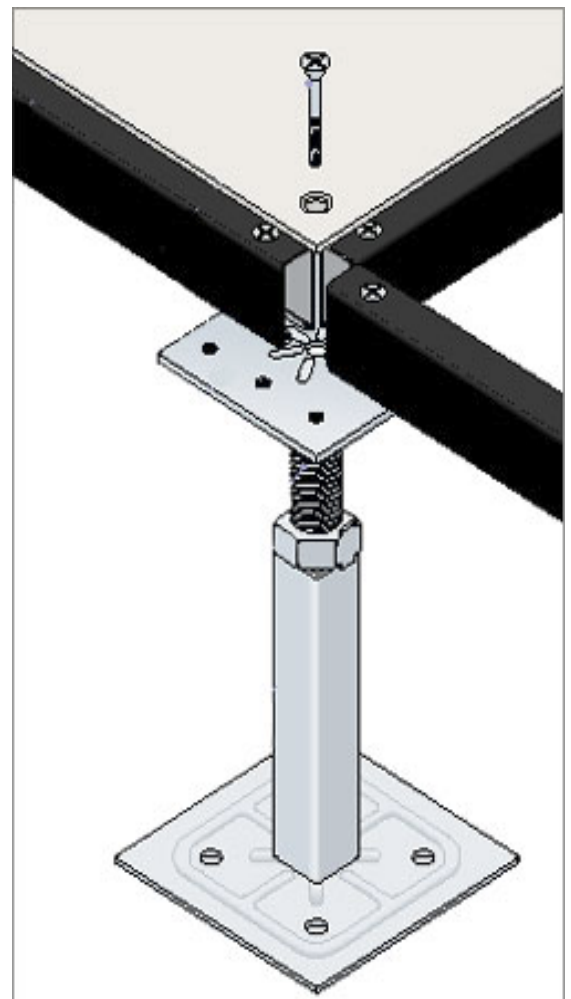
Calcium sulphate

Composite wood

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Telecommunication Access floor standard



High performance Access floor

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FlorTEK by GUANGZHOU HUIYA FLOOR CO. LTD. is specialized in developing and producing anti static items. And we have many high precision and professional facilities
Our products conform to national electric utility standard SJ/T10796-96 (the technical condition of raised floors used in computer rooms).



We're specialized in Anti-Static items including: HDG Anti-Static Steel Raised Flooring, Wooden Core Raised Flooring, OA Network Steel Floor, Aluminum Raised Flooring, Permanent Anti-Static PVC Floor, Venting Raised Flooring (Steel, Aluminum) Calcium Sulphate Raised Flooring, Ceramic (Granite) Raised Flooring

Our company also strictly adheres to the standards of ISO9001, with a standardized and perfect internal management. We provide customers with the most outstanding quality products and attentive after-sales service in the industry. For many years, our company has provided better products for large-scale construction programs, such as Shanghai Pudong International Airport and Guangzhou Baiyun International Airport, Shenzhen China Mobile, the Telecom Bureau Machinery Building, and the IBM Greatwall Science and Technology Garden in Beijing.

With the motto of "Strive for better, keep honest and credit", our company has attained a consistently favorable reputation. International customers are welcome to contact us anytime for more information on our products and services.

Our products are up to American CISCA , British MOB , Japan Jafa standard

FlorTEK @ Green Product for Floor and Ceiling Technology

HDG Steel Access floor

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Anti-Static Steel Access Floor

The FlorTEK Anti-Static Access Floor is made up by drawing the high quality, steel plate with spot welding, spraying plastic and the lumen is filled with froth cement. Its surface affixes the decorating plate of high temperature resistant and non-flaming. It around is setting the electric filler rod, bracket, handle girder with whole galvanization, the height of pedestal can be adjustable with auto-locking function.

Featured Benefits

Made from non-combustible materials and Epoxy powder coated offers lifetime protection. Products are up to American CISCA (SJ/T10796-96), British MOB (PF2 PS), Japan Jafa standard. TIA 942 'Telecommunications Infrastructure Standard for Data Centers' Class 1 flame spread and fire rating with British standard 476 part 4 : 1970 "Non combustibility test for materials." Excellent grounding and electrical continuity. Anti-static, Fire-proof, water-proof and dust-proof.



General specification

Size (mm)	Resistor	Fire protection	Tolerance		
			Panel thickness	Level	Width and Length
600x600x35	$1 \times 10^5 - 1 \times 10^{10} (\Omega)$	Class 1	+ 0.30 mm	<0.6 mm	-0.4 mm ~ 0.0 mm

Technical specification

Model Type	Static loadings						Dynamic loadings	
	Concentrated load			Uniform load		Ultimate load	10 Times	10K Times
	Lb	N	Kg	N/m ²	Kg/m ²	N		
FS 700	680	2950	300	12500	1275	8850	3110	2220
FS 800	800	3550	363	15000	1530	9400	3560	2670
FS 1000	1000	4450	453	16900	1724	11970	4450	3560
FS 1250	1250	5560	568	22240	2269	16680	5560	4450
FS 1500	1500	6670	680	26690	2723	17950	6709	5560

Impact load specification

FS-700	FS-800	FS-1000	FS-1250	FS-1500
400 N	400 N	670 N	670 N	780 N



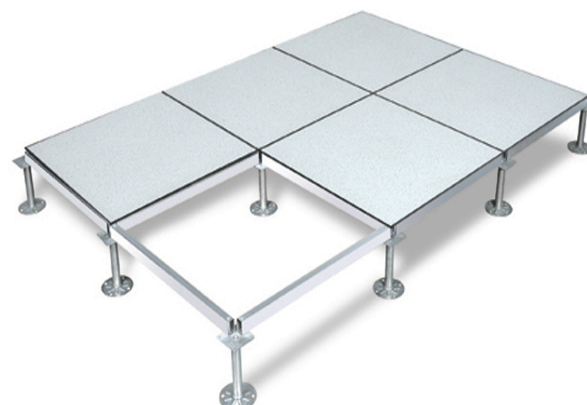
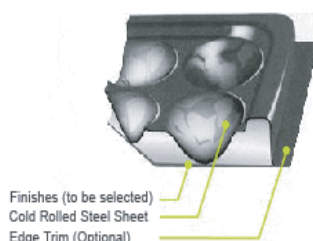
Standard color : C-AB003

Cover type of Steel Access floor

HPL cover thickness : 0.8, 1.0, 1.2, 2.0 mm. (FlorTEK standard is 1.2 mm)

PVC cover thickness : 1.2, 2.0 mm

Ceramic- granite cover



System of Access floor

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The system can be classified as :

- a) STRINGER based system
- b) STRINGER Free - Corner Lock System

FlorTEK stringer based system design provides self-engagement and positioning of floor panels. Self-capturing fastener remains within the panel - will not get lost. Steel pedestal head provides optimum strength. Pedestal nut provides anti-vibration and locking features. Seismic force-resistant pedestals are available that limit or eliminate the need for anchors or special bracing. Typical floor heights from 12-90 cm. Pedestal and stringer surface is zinc plated.



The size of the top plate for the pedestal is 70*70*4mm. And the size of the bottom plate for the pedestal is 85*85*4mm. The diameter of the tube is 25mm. It has one of fix a nut lock in the tube and has one of removeable a nut lock to adjust. The load bearing capacity is not less than 20 KN (25 or 30 KN on requirement)

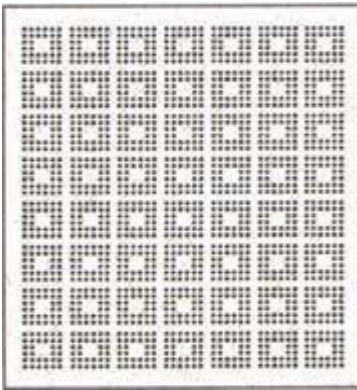


FlorTEK stringer free - Corner Lock System (Free standing) Ideal for low height office floors, it consists of only PEDESTALS as understructure. Stringers are not used for lateral and loading support. As Pedestal in this system do not have stringers so when panels are opened the floor below is free of stringer grid and very open to approach and hence service.

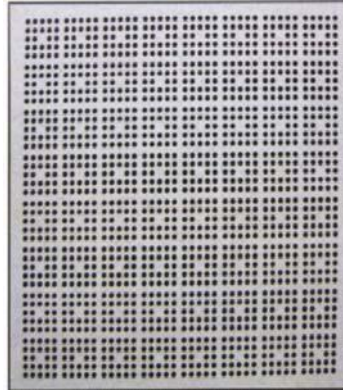


Perforated Access floor

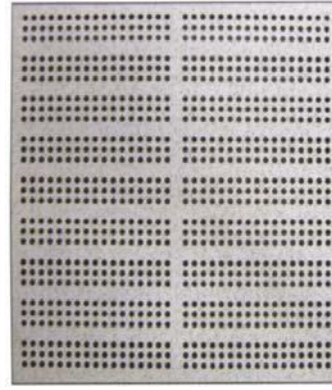
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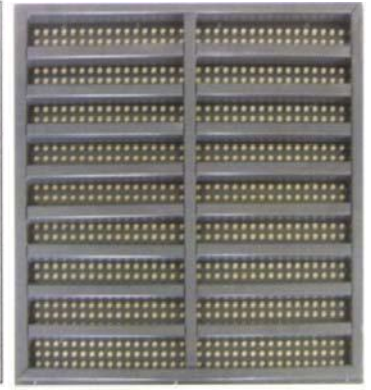
Air flow 18%



Air flow 25%



Air flow 40%



Bottom

FlorTEK perforated access floor panel is a special design which are used to allow underfloor air conditioning to flow through the floor up to the equipment.

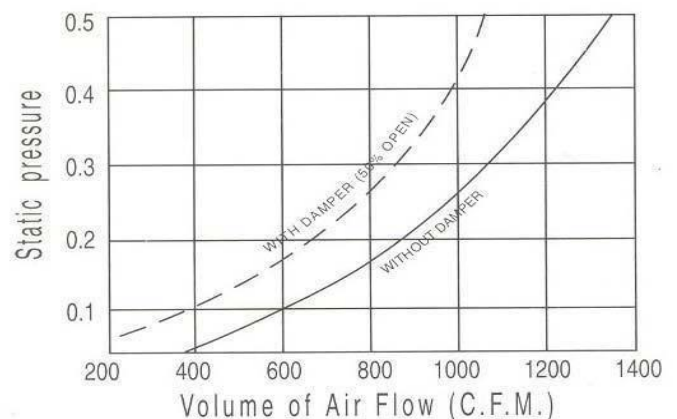
These panels are also called Perforated Air Flow panels because of the many holes drilled through them. They are exactly the same size and finish as the solid panels.

The structure steel perforated access floor is similar with that the anti static full steel access floor but it has hollow cavity without foam stuffing. the upper and lower steel plates cover of the are all punched with ventilation holes. Matched with the full steel access floor, the ventilation access floor is used in the place where ventilation is required under the floor and the ventilation of the floor is 17% - 50%



Air damper

Technical specification



Model	Size : mm	Resistor	Fire proof
AFS series	600x600x30	$1 \times 10^4 - 1 \times 10^9 (\Omega)$	Class A
AF series	600x600x35		

通风量曲线图
Specification

Model Type	Static loadings					Dynamic loadings	
	Concentrated load			Uniform load	Ultimate load	10 Times	10000 Times
	Lb	N	Kg	N/m ²	N		
AF 800	800	3560	363	17000	10700	3560	2670
AF 1000	1000	4450	454	23000	13350	4450	3560

Accessories for Access floor

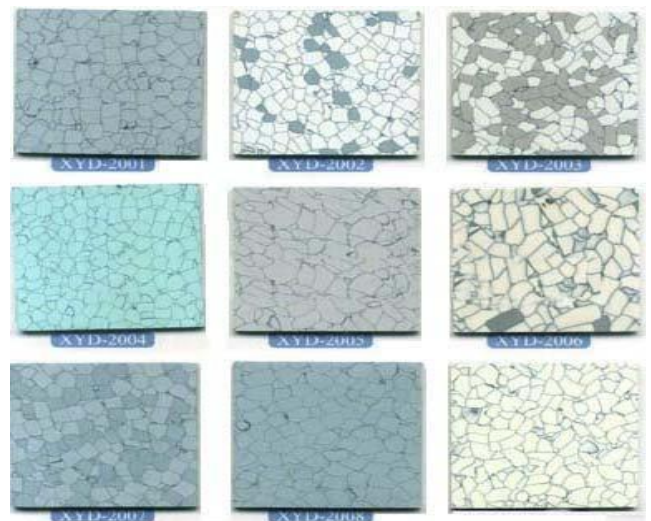
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FlorTEK Antistatic HPL is high pressure laminate with a very tough surface, particularly suitable for raised access flooring systems. HPL has become the standard in equipment & computer room design because of its ease of maintenance and its unique ability to dissipate static electricity. HPL is general decoration cover on raised floor. Thickness 1.0, 1.2, 1.6 or 2.0 mm and also can be designed as requirements. (FlorTEK standard thickness as 1.2 mm.)

FlorTEK permanent anti static PVC floor is provide by the conductive interface between the plastic, and by connection to the earthed metal conductor, which will provide a static free environment. This is inherent nature of the material, and this static free property is permanent and meets the grade A requirements for international standard. It also features the following properties: light weight, high strength, hard wearing, acid and alkaline resistant, anti aging, flame retardant. We offer a many choice of patterns for excellent decorative effects. Suitable for a wide range room and thickness of 1.2, 1.6, 2.0 or 3 mm for Antistatic PVC



KoldLok Raised Floor Grommets

Increases existing cooling unit capacity
Reduces the need to purchase additional cooling units
Improves equipment reliability and extends equipment life
Increases static pressure under the raised floor and improves cool air delivery through perforated tiles or floor grates
Facilitates Cold Aisle/Hot Aisle best practices

FlorTEK Accessories



The Other Access floor

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WOOD CORE ACCESS FLOOR

Fabricated from an out shell of metal with a high-density composite core, the HPL series is economical, making it the ideal choice.

Model	Size : mm	Resistor	Fire proof
FS 660	600x600x30	$1 \times 10^5 - 1 \times 10^9 (\Omega)$	Class B1
FS 800	600x600x40		



Model Type	Static loadings					Dynamic loadings	
	Concentrated load			Uniform load	Ultimate load	10 Times	10000 Times
	Lb	N	Kg	N/m ²	N		
FS 660	660	2950	301	12500	8850	2946	2356
FS 800	800	3550	363	16100	11250	3560	2670

NETWORK ACCESS FLOOR

FlorTEK steel raised floor with cable trunk for intelligent room ,office or building . Steel raised floor with trunk is quite convenient to solve such kind of problem. It is easy to lay wiring because of cable trunk around the floor. The kind of raised floor with dimension 500x500x28 mm or 600x600x35 mm.



Model	Size : mm	Resistor	Fire proof
OAA	500x500x28	$1 \times 10^5 - 1 \times 10^9 (\Omega)$	Class A
OAB	500x500x35		
OAC	600x600x28		
OAD	600x600x35		

Model Type	Static loadings					Dynamic loadings	
	Concentrated load			Uniform load	Ultimate load	10 Times	10000 Times
	Lb	N	Kg	N/m ²	N		
OA 680	680	2950	300	12500	8850	3110	2220
OA 800	800	3560	363	17000	10700	3560	2670
OA 1000	1000	4450	454	23000	13350	4450	3560
OA 1250	1250	5563	568	33000	16680	5560	4450

Bare Access floor

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Bare Steel Access Floor

The **FlorTEK** Bare Access Floor is made up by high quality steel plate with spot welding, spraying plastic and the lumen is filled with froth cement. Its surface affixes the decorating plate of high temperature resistant and non-flaming.

The system is composed of panels, pedestals, an anti-vibration gasket and screws. The panel is placed on the pedestals with anti-vibration gasket and then locked in place with the screws in the corner lock-holes

The system of pedestal can be adjustable with auto-locking function and it made by galvanization of steel material for anti resistance of humidity.

Featured Benefits

Made from non-combustible materials and Epoxy powder coated offers lifetime protection

Products are up to American CISCA (SJ/T10796-96), British MOB (PF2 PS), Japan Jafa standard.

Class 1 flame spread and fire rating with British standard 476 part 4 : 1970

“ Non combustibility test for materials. ”

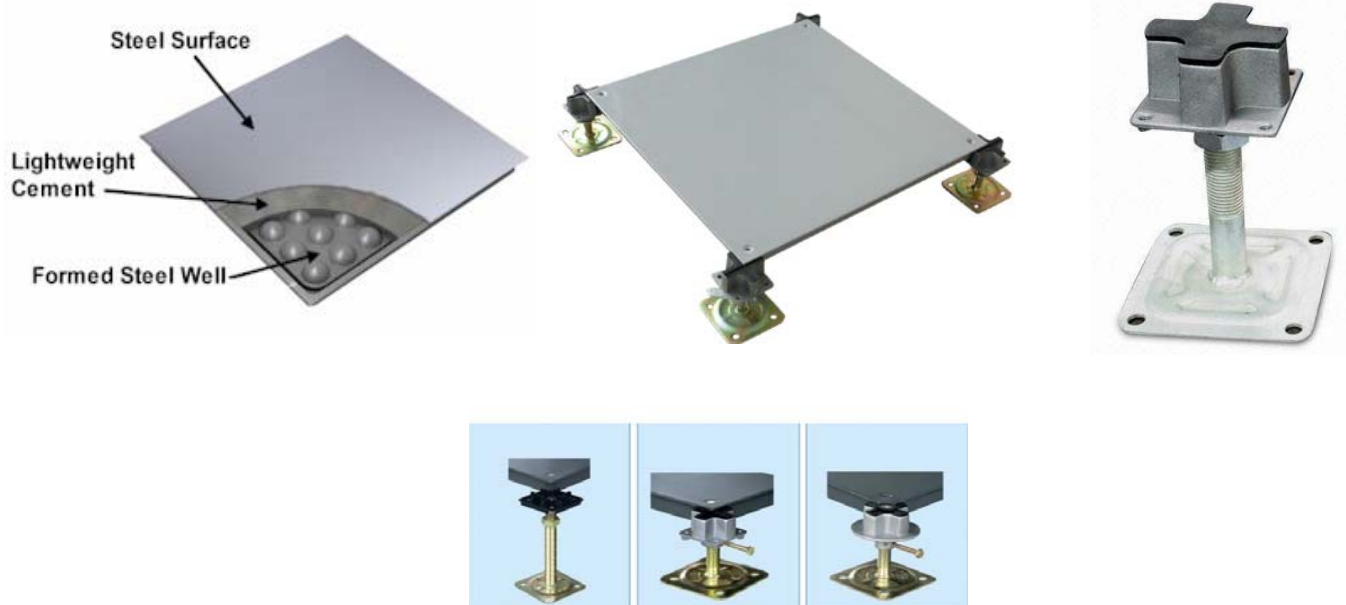
Excellent grounding and electrical continuity, fire-proof, water-proof

General specification

Size (mm)	Material	Fire protection	Tolerance		
			Panel thickness	Level	Width and Length
600x600x35	Cement & Steel	Class 1	+ 0.30 mm	<0.6 mm	-0.4 mm ~ 0.0 mm

Technical specification

Model T e	Static loadin s						D namic loadin s	
	Concentrated load			Uniform load		Ultimate load	10 Times	10K Times
	Lb	N	K	N m ²	Kg/m ²	N		
FS 800	800	3550	363	15000	1530	9400	3560	2670
FS 1000	1000	4450	453	16900	1724	11970	4450	3560



High performance Access floor

FlorTEK

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AIR Brush grommet



Unsealed cable holes in access floor environments allow 50-80 percent of valuable supply air to bypass critical equipment. Bypass airflow contributes to hot spots, cooling unit inefficiencies and increased infrastructure costs. To reduce bypass airflow and improve data center cooling, block unsealed cable holes with Air brush Raised Floor Grommets.

Air brush Raised Floor Grommets provide brush closures that surround cables and prevent cold air from escaping through cable holes in access floor environments. By blocking bypass airflow, Air brush Raised Floor Grommets significantly impact the cooling effectiveness of the data center because cold supply no longer mixes with hot exhaust air via unsealed cable holes, and can now be utilized for equipment intakes, where it is needed most.

The grommet's brush closures use filaments made of premium grade Nylon 6, not styrene, ABS or polypropylene. Nylon 6 filaments resist wear and hold their shape better than similar materials, allowing cables to pass through the grommet multiple times without concern for filament deterioration. Some grommets offer treated brush filaments to dissipate static buildup on cables which can be created from the high velocity air traveling over cables and under access floors. Air brush Raised Floor Grommets are an integral part of the raised floor's static dissipation system providing 1 GigaOhm of resistance.

Easy to install, Air brush Raised Floor Grommets can be positioned in the middle or along the edge of floor tiles, allowing large bundles of cables and large power connectors to effortlessly pass through the opening. The raised edge design helps prevent cabinet and equipment casters from running over the grommets and dropping through floor openings.

KEY FEATURES

- Prevents the loss of cold air through cable pass-through holes in access floor tiles.
- Easy installation in new tile cuts or over existing holes.
- Brush closure forms a tight air seal around cables.
- Brush filaments are made of durable Nylon 6 which will not break or deform from repeated use.
- Treated brush filaments block static to keep equipment safe.

Dimension & Tile cutting specification
Over size : 28 cm x 21 cm x 4 cm
Grommet usable cable opening size : 20 cm x 13 cm

APPLICATIONS

- Seal cable pass-through holes in access floor tiles preventing cold air from leaking through the holes.
- Protect cables from damage as they pass through holes in the access floor tiles.

USE WITH

- CPI Cabinet Systems
- CPI Rack Systems
- Raised Floor Zone Enclosures



Our products are up to American Cisca , British MOB , Japan JAFA standard

FlorTEK @ Green Product for Floor and Ceiling Technology

FlorTEK

ACCESS FLOOR

Telecommunication Access floor standard

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<http://www.gzfloor.com>