



架空地板专业制造商
Professional manufacturer of elevated flooring

HUAYI FLOOR

RAISE YOUR FLOOR TO MEET THE
INTERIOR DECORATION NEEDS OF ALL BUILDINGS

把你的地板抬高起来满足所有建筑的内装修需求

架空地板专业制造商

常州市华一防静电活动地板有限公司

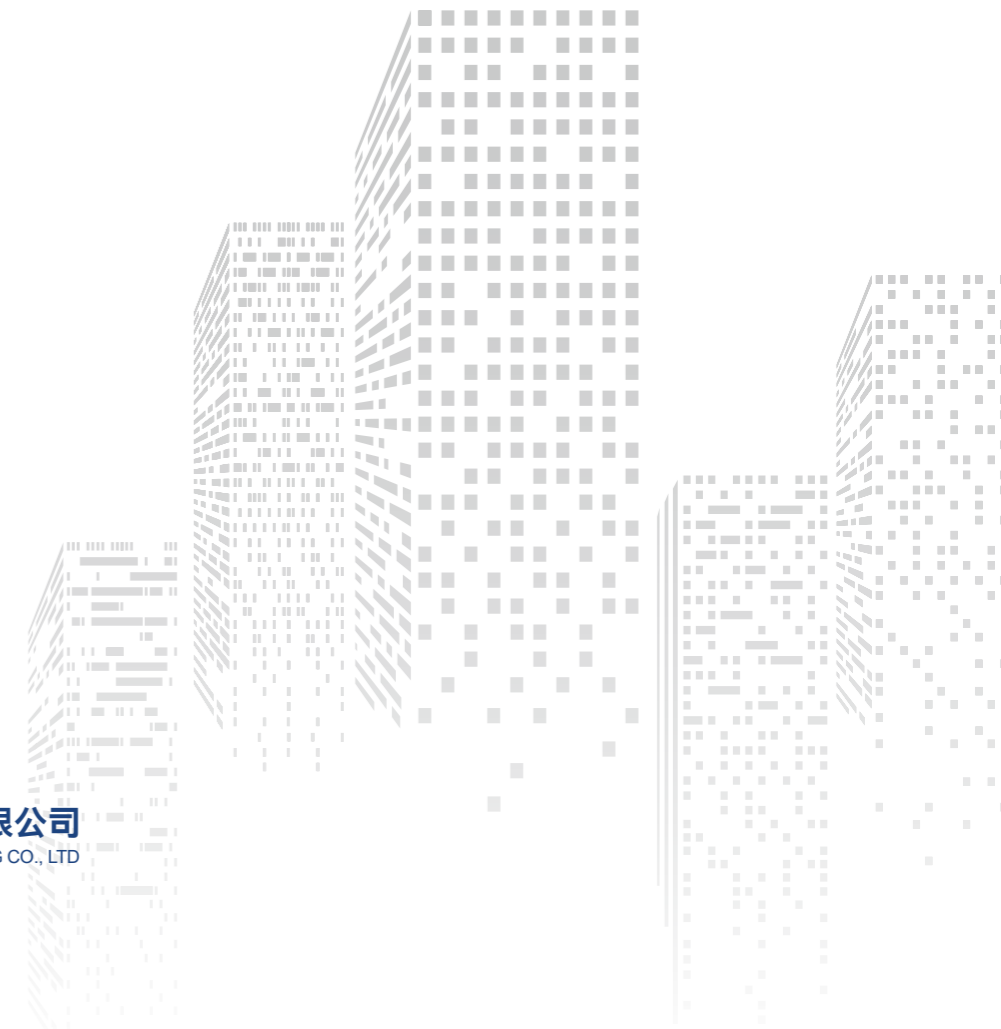
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常州市华一防静电活动地板有限公司
CHANGZHOU HUAYI ANTI STATIC ACTIVITY FLOORING CO., LTD





2001

公司成立于
2001年

6亿

公司总投资
6亿元

83000

厂区面积
83000m²

200+

公司员工
200人以上



ABOUT US

公司介绍

常州市华一地板股份有限公司(原常州市华一防静电活动地板有限公司)成立于2001年,公司总投资6亿元,厂区面积83000平米,是一家专注于架空地板领域的创新型企业,致力于为客户提供高品质,低碳,环保,智能,舒适,高性能架空地板解决方案。

主要产品有:防静电全钢地板,铝合金地板,硫酸钙地板,GRC地板,OA网络地板,无机质地板。

公司引进德国,意大利,韩国,日本先进的技术,严格遵循国际,国内标准进行生产,确保每一片架空地板都具备卓越的品质和可靠的稳定性,架空地板产品涵盖多种类型,以满足客户在甲级商务楼,数据中心,机房,办公室,洁净室等众多领域不同场景下的需求。

我们的服务贯穿售前,售中,售后全过程,公司有200人以上的施工团队确保安装质量与速度,公司管理运用人工智改数管理,企业云端管理,高端的品质成为国内外多家知名企业架空地板的战略首选合作伙伴,有自营进出口证,并布局多家海外市场,成为国家高新技术企业,纳税大户与产品国家标准技术起草单位。

Changzhou Huayi Flooring Co., Ltd. (formerly known as Changzhou Huayi Anti static Activity Flooring Co., Ltd.) was established in 2001 with a total investment of 600 million yuan and a factory area of 83000 square meters. It is an innovative enterprise specializing in the field of elevated flooring, committed to providing customers with high-quality, low-carbon, environmentally friendly, intelligent, comfortable, and high-performance elevated flooring solutions.

The main products include: anti-static all steel flooring, aluminum alloy flooring, calcium sulfate flooring, GRC flooring, OA network flooring, and inorganic flooring.

The company has introduced advanced technology from Germany, Italy, South Korea, and Japan, and strictly follows international and domestic standards for production, ensuring that every piece of raised floor has excellent quality and reliable stability. The raised floor

products cover various types to meet the needs of customers in different scenarios such as Grade A commercial buildings, data centers, computer rooms, offices, and clean rooms.

Our services run through the entire pre-sales, in sales, and after-sales processes. Our company has a construction team of over 200 people to ensure installation quality and speed. Our management utilizes artificial intelligence to improve data management and enterprise cloud management. With high-end quality, we have become the strategic preferred partner for many well-known domestic and foreign enterprises in the field of elevated flooring. We have self operated import and export certificates and have expanded into multiple overseas markets, becoming a national high-tech enterprise, a major taxpayer, and a drafting unit for national standard technology for our products.

生产设备

Production equipment



意大利SCM集团全自动硫酸钙高端地板生产线---包括双端铣型和双端封边, 全自动上下料系统进口设备确保品质的精准度毫厘不差。



The Italian SCM Group's fully automatic calcium sulfate high-end flooring production line includes double end milling and double end edge sealing, and the imported equipment of the fully automatic loading and unloading system ensures the precision of quality without any deviation.



意大利SCM进口设备车间一
Italian SCM Import Equipment Workshop



数据中心铝合金地板生产设备一
Data center aluminum alloy floor production equipment



全钢地板数控生产线一
All steel floor CNC production line one



全钢地板数控生产线二
All steel floor CNC production line two



硫酸钙地板, GRC地板, 基材生产设备
Calcium sulfate flooring, GRC flooring, substrate production equipment



主要原材料镀锌钢板
Main raw material: galvanized steel sheet

资质荣誉

Qualification and Honor

公司荣誉 Company Honors



高新技术企业/认证证书 High tech Enterprise/Certification Certificate



专利证书 Patent certificate



合作伙伴

Cooperative Partner

出口国家

产品出口国家有:韩国85%使用华一牌地板, 日本, 印度, 新加坡, 美国, 阿根廷, 肯尼亚, 英国, 约旦, 伊朗, 南非, 台湾, 菲律宾, 迪拜, 土耳其加拿大, 沙特, 阿曼等十几个国家。

85% of our products are exported to South Korea, Japan, India, Singapore, the United States, Argentina, Kenya, the United Kingdom, Jordan, Iran, South Africa, Taiwan, the Philippines, Dubai, Türkiye, Canada, Saudi Arabia, Oman and other countries.



									排名不分先后.....		

H 架空地板产品介绍

Introduction to elevated floor products

产品标准 Product standards

产品标准按:

- SJ/T10796-2001
- GB/T36340-2018
- T/CEIA ESD1006-2023
- T/CIE 343-2023

The product standards are as follows:

- SJ/T10796-2001
- GB/T36340-2018
- T/CEIA ESD1006-2023
- T/CIE 343-2023

GB/T 191	GB 34330-2017
GB/T 2408	GB/T 36340-2018
GB 6566-2010	GB/T 39600-2021
GB 8624	GB 50325
GB/17657-2022	

- 包装储运图示标志
- 塑料燃烧性能的测定 水平法与垂直法
- 建筑材料放射性核素限量
- 建筑材料及制品燃烧性能分级
- 人造板及饰面人造板理化性能试验方式
- 固体废物鉴别标准
- 防静电活动地板通用规范
- 人造板及其制品甲醛放量分级
- 民用建筑工程室内环境污染控制标准

- Packaging, storage and transportation graphic symbols
- Determination of Burning Behavior of Plastics by Horizontal and Vertical Methods
- Limit of radioactive isotopes in building materials
- Classification of combustion performance of building materials and products
- Test method for physical and chemical properties of artificial boards and decorative artificial boards
- Solid Waste Identification Standards
- General specification for anti-static activity flooring
- Classification of formaldehyde emissions from artificial boards and their products
- Indoor Environmental Pollution Control Standards for Civil Building Engineering

地板组成 Floor composition

- 板块 地板四角支撑系统 配套横梁系统
- Floor panel four corner support system with supporting crossbeam system

地板基材分类 Classification of floor substrates

- G(钢基)W(无机质类)L(铝质类)Q(其他类)
- G (Steel) W (Inorganic) L (Aluminum) Q (Other)

地板荷载分类 Classification of floor loads

- CQ(超轻型)Q(轻型)P(普通型)B(标准型)Z(重型)
- CQ (ultra light) Q (light) P (ordinary) B (standard) Z (heavy)

地板支撑分类 Classification of floor supports

- SZ(四周支撑)
- 横梁支撑
- SZ (Surrounding Support)
- Beam support

架空地板主要原材料展示

Display of main raw materials for elevated flooring



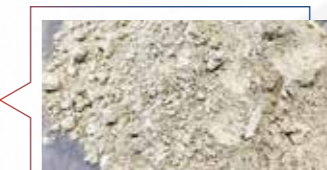
镀锌钢板
Galvanized steel sheet

冷轧钢板
Cold rolled steel plate



纸浆
Pulp

硅酸盐
Silicate



天然石膏粉
Natural gypsum powder

塑粉
Plastic powder



热熔胶
Hot melt adhesive



柠檬酸
Citric acid

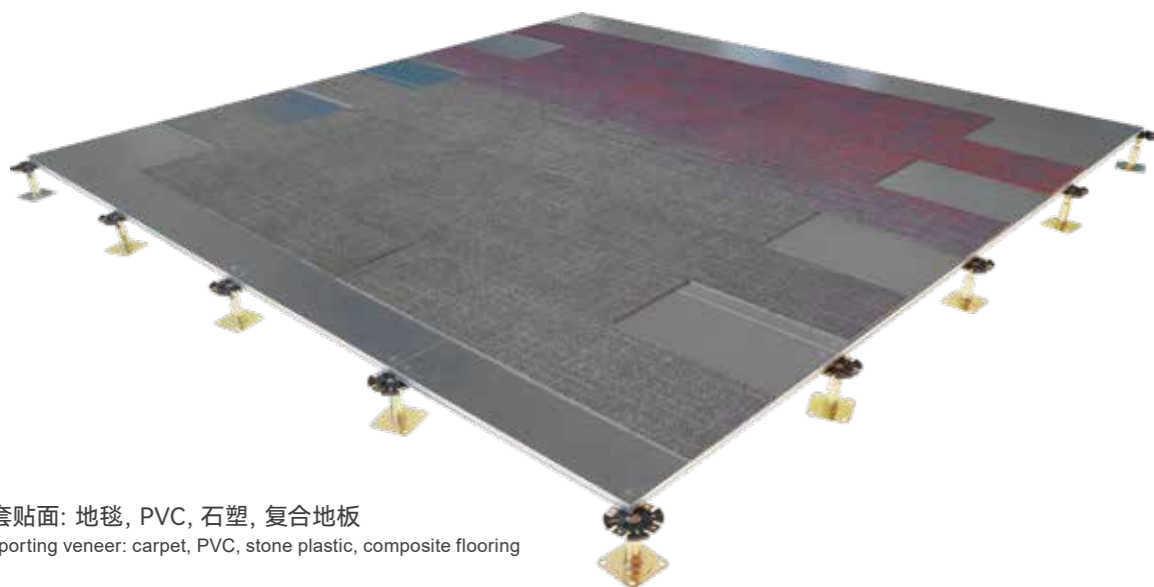


H“华一”牌HDF600-GI型全包硫酸钙地板

Huayi brand HDF600-GI fully wrapped calcium sulfate flooring

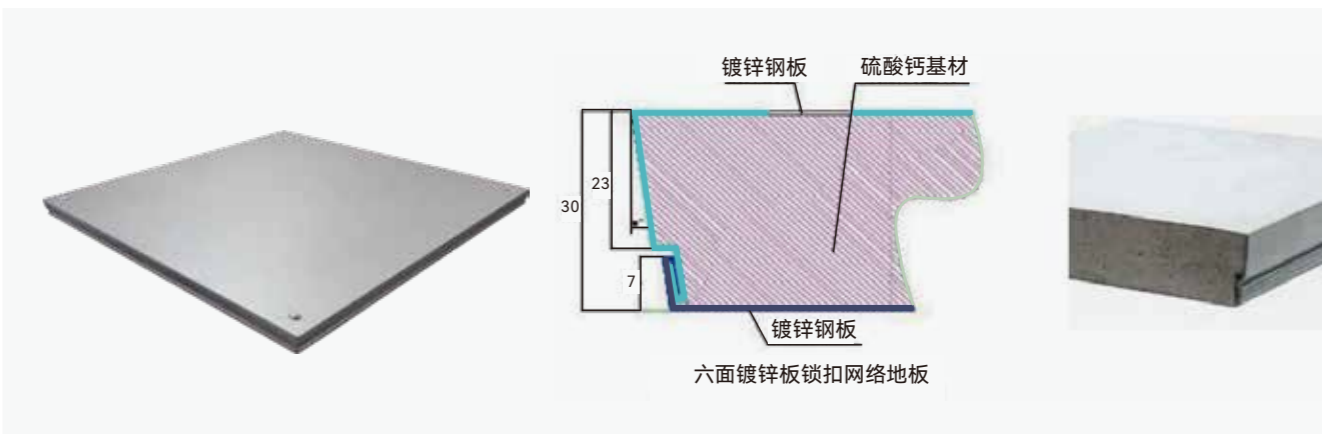
技术参数 Technical Parameter

- 产品规格: 600*600*30mm / 600*600*25mm
- 地板荷载: B,Z, CZ(普通型, 重型, 超重型)
- 产品结构: 四角螺丝固定, 不带螺丝固定
- 执行标准: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023
- Product specifications: 600 * 600 * 30mm / 600*600*25mm
- Floor load: B, Z, CZ (ordinary type, heavy type, super heavy type)
- Product structure: Four corner screw fixation, without screw fixation
- Execution standard: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023

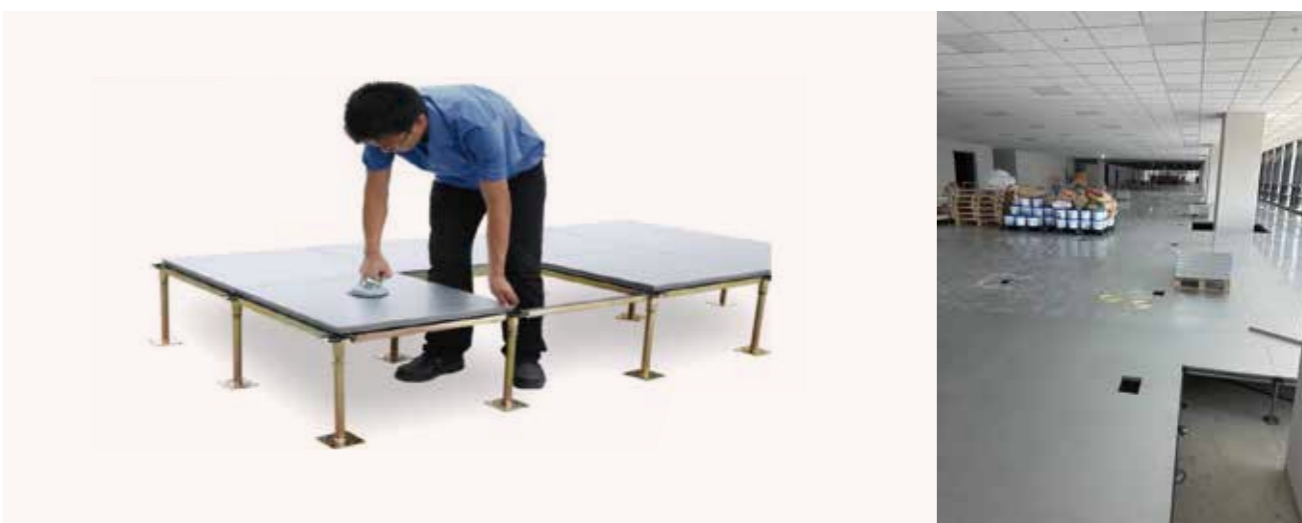


配套贴面: 地毯, PVC, 石塑, 复合地板
Supporting veneer: carpet, PVC, stone plastic, composite flooring

产品介绍 Product Introduction



安装展示效果图--带横梁系统 Installation display rendering - with crossbeam system



安装展示效果图--带横梁系统 Installation display rendering - with crossbeam system



土耳其伊斯坦布尔机场: 40000m平米

海口华彩: 50000m平米

韩国麻谷CP3-2综合楼: 50000m平米

“华一”牌HDF-G1型600*600*25mm全包硫酸钙地板系列技术参数 Technical parameters of "Huayi" brand HDF-G1 600 * 600 * 25mm fully wrapped calcium sulfate flooring series

型号Type	规格 Size (mm)	集中荷载 挠度=2mm Concentrated Load Deflection=2mm			极限集中荷载 Ultimate Load			均布荷载 UDL (N/m ²)	
		ib	N	kg	ib	N	kg		
FS1000	HDF-GI	600*600*25	1100	4900	500	2200	9800	1000	2000kgf/m ²

“华一”牌HDF-G1型600*600*30mm全包硫酸钙地板系列技术参数 Technical parameters of "Huayi" brand HDF-G1 600 * 600 * 30mm fully wrapped calcium sulfate flooring series

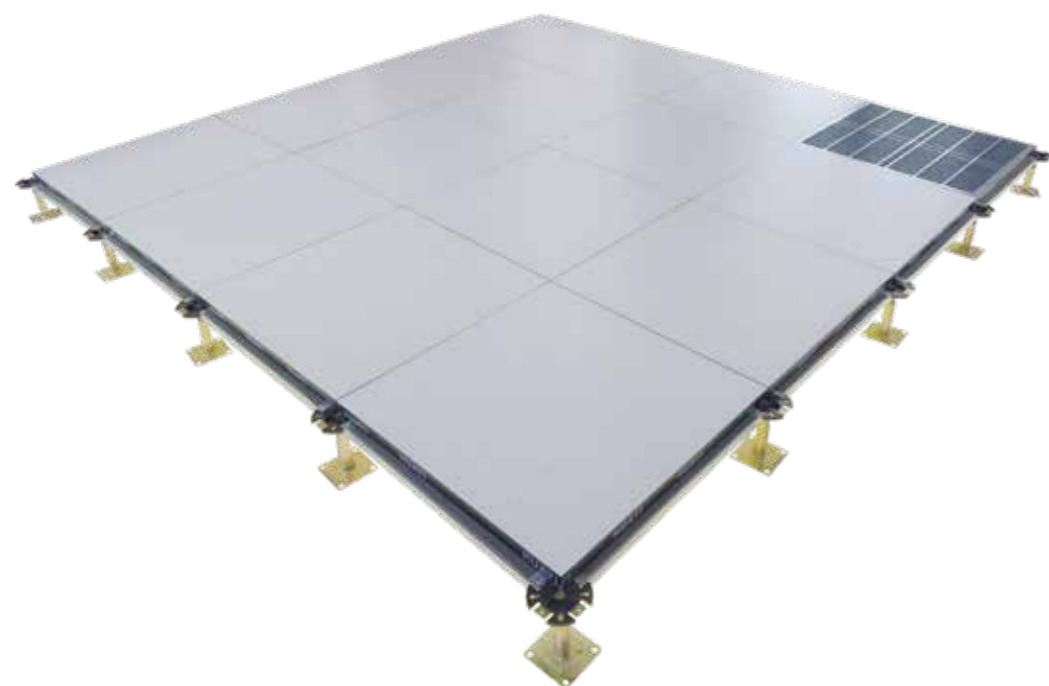
型号Type	规格 Size (mm)	集中荷载 挠度=2mm Concentrated Load Deflection=2mm			极限集中荷载 Ultimate Load			均布荷载 UDL (N/m ²)	
		ib	N	kg	ib	N	kg		
FS1250	HDF-GI	600*600*30	1573	6860	700	3146	13720	1400	2800kgf/m ²

H“华一”牌HDF600型硫酸钙PVC导电地板

Huayi brand HDF600 calcium sulfate PVC conductive floor

技术参数 Technical Parameter

- 产品规格: 600*600*32mm
- 地板荷载: B,Z,CZ(普通型, 重型, 超重型)
- 产品结构: 硫酸钙基材, 底部贴镀锌钢板, 面层为导电PVC或者HPL防静电贴面, 四周封边结构
- 执行标准: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023
- Product specifications: 600 * 600 * 32mm
- Floor load: B, Z, CZ (ordinary type, heavy type, super heavy type)
- Product structure: Calcium sulfate substrate, bottom coated with galvanized steel plate, surface layer made of conductive PVC or HPL anti-static veneer, perimeter sealing structure
- Execution standard: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023

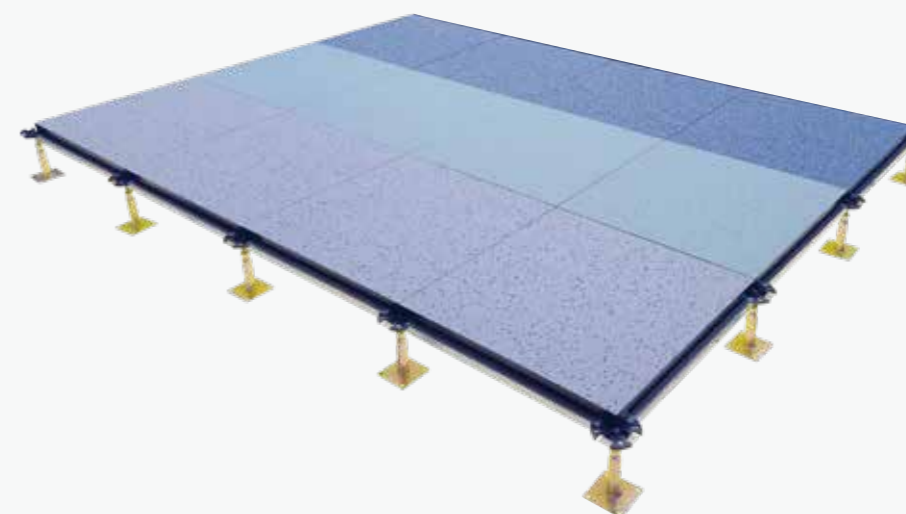


“华一”牌HDF600型硫酸钙PVC导电地板系列技术参数

Technical parameters of "Huayi" brand HDF600 calcium sulfate PVC conductive floor series

型号Type		规格 Size (mm)	集中荷载 挠度=2mm Concentrated Load Deflection=2mm			均布荷载 UDL (N/m ²)	极限荷载 Ultimate Load (N)
国家标准	国家标准		ib	N	kg		
FS1000	B	600*600*32	1000	4450	450	23000	16720
FS1250	Z	600*600*32	1250	5560	560	33000	22000
FS1500	CZ	600*600*32	1500	6670	680	44900	22680

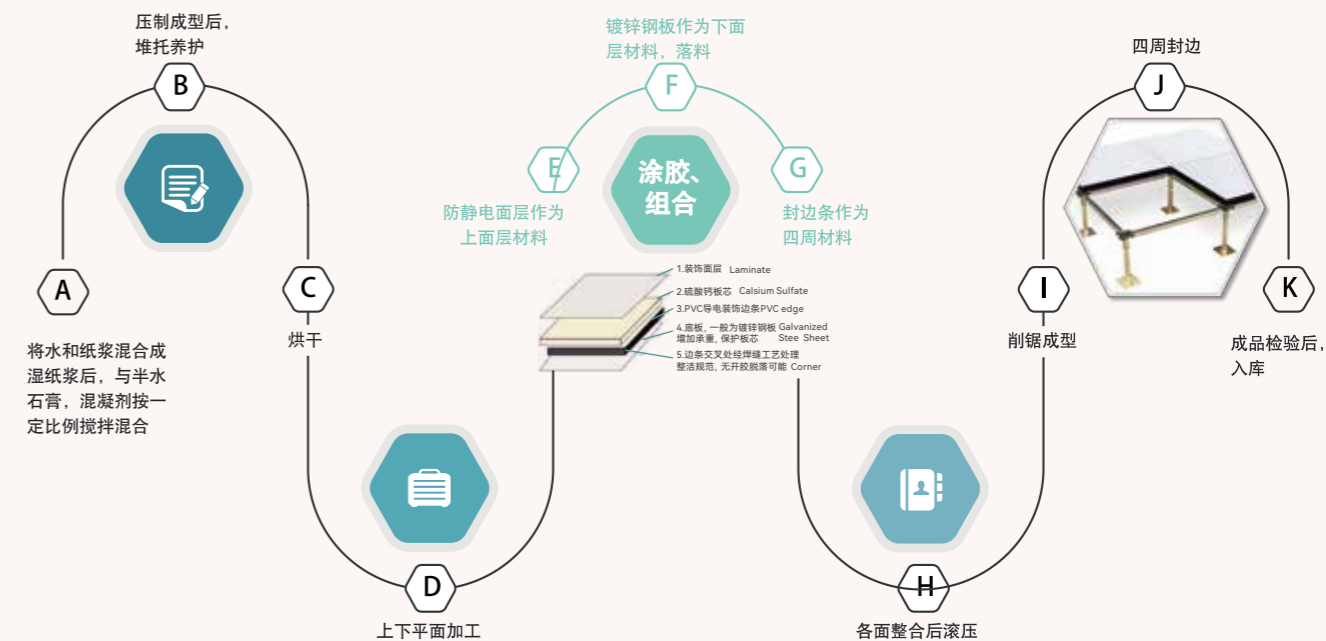
产品介绍 Product Introduction



地板面层: PVC



生产工艺流程图 Production process flow chart

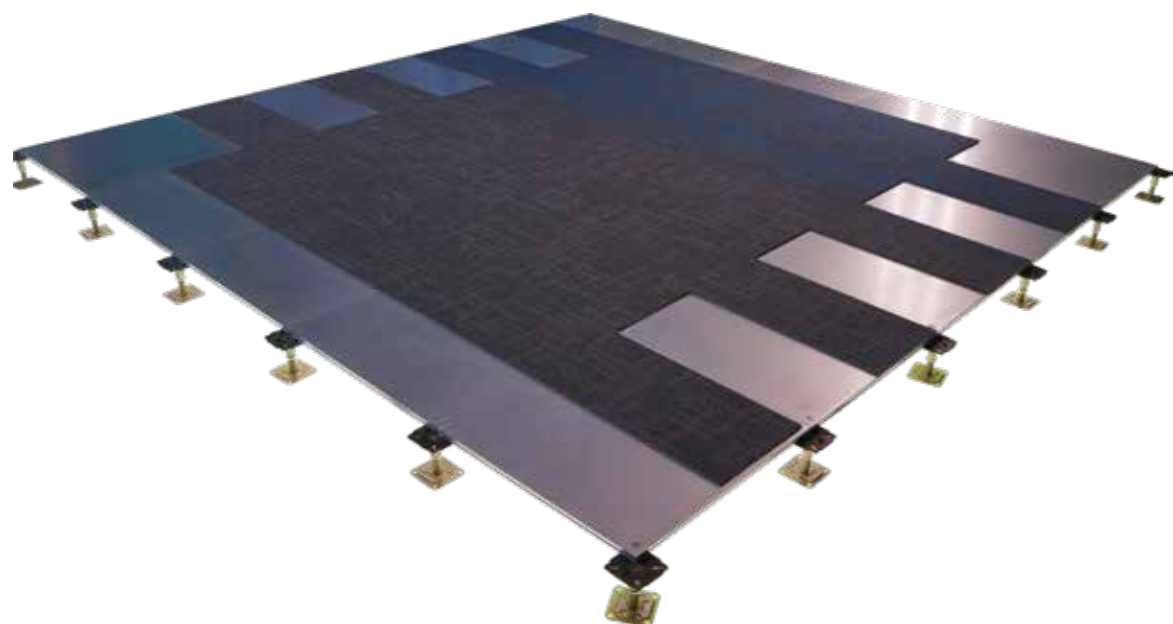


H“华一”牌全包GRC500型地板

Huayi brand full package GRC500 floor

技术参数 Technical Parameter

- 产品规格: 500*500*25mm / 500*500*20mm
- 地板荷载: B,Z(普通型, 重型)
- 执行标准: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023
- Product specifications: 500 * 500 * 25mm/500 * 500 * 20mm
- Floor load: B, Z (ordinary type, heavy type)
- Execution standard: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023



“华一”牌全包GRC500型地板系列技术参数
Technical parameters of the "Huayi" brand full package GRC500 floor series

型号Type		规格 Size (mm)	集中荷载 挠度=2mm Concentrated Load Deflection=2mm			均布荷载 UDL (N/m ²)	极限荷载 Ultimate Load (N)
国家标准	国家标准		ib	N	kg		
FS1000	B	500*500*20	600	2950	300	12500	8850
FS1250	Z	500*500*25	800	3560	360	18140	10670

产品介绍 Product Introduction



500*500*25mm / 500*500*20mm



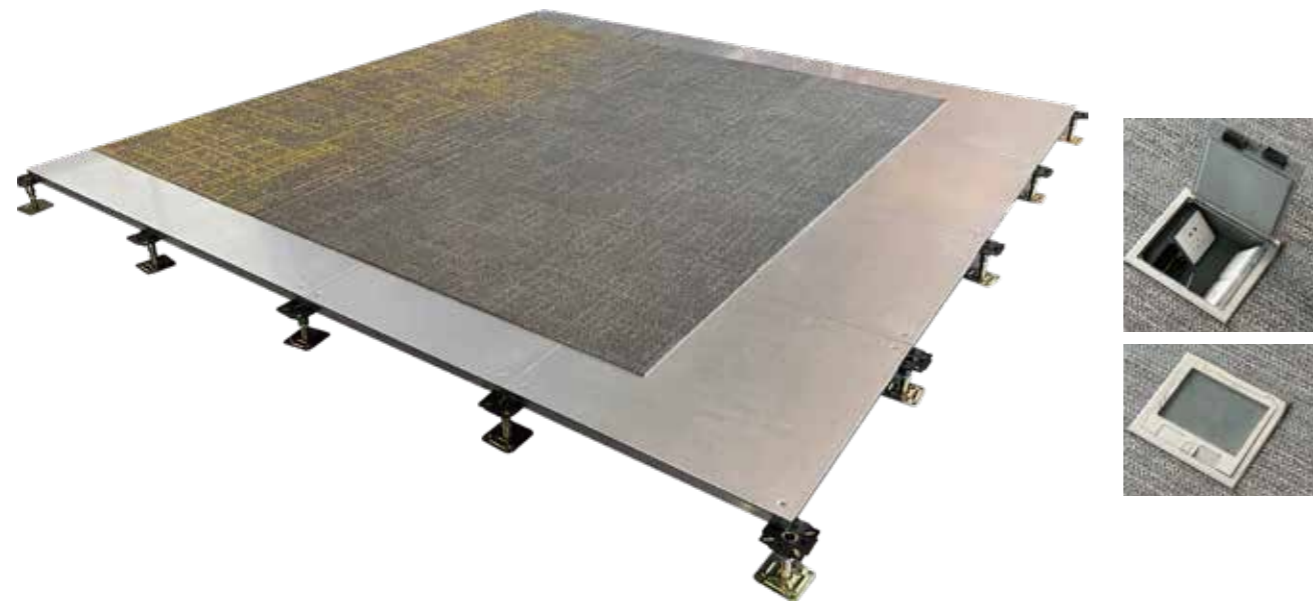
工程案例

H“华一”牌全包GRC600型地板

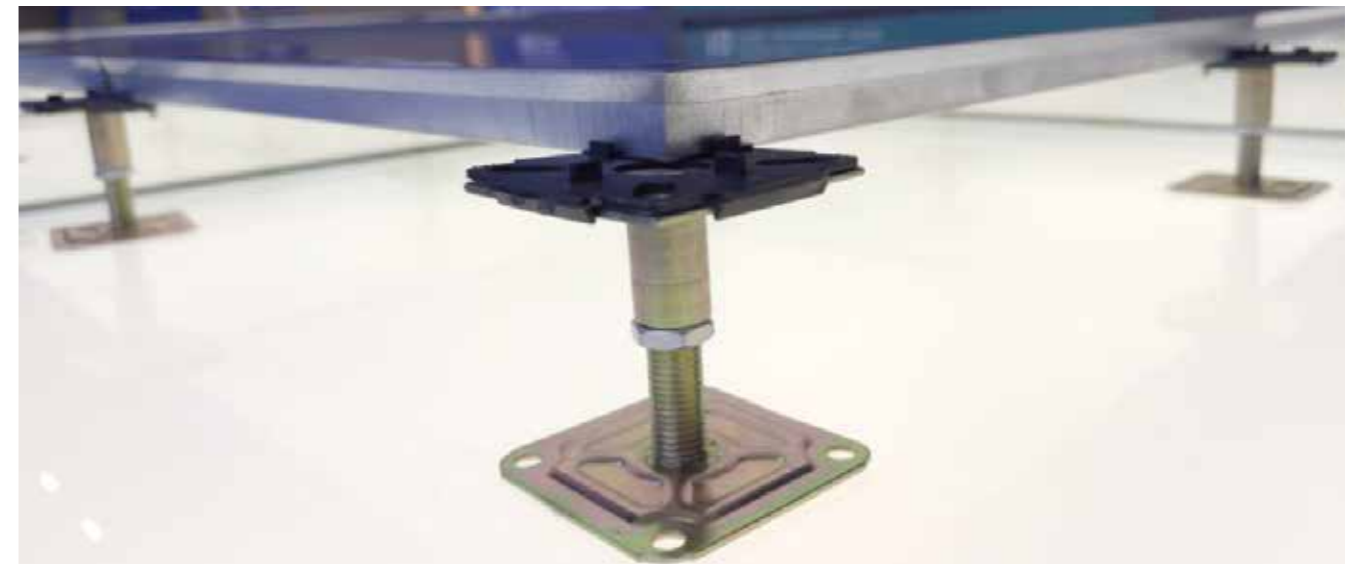
Huayi brand full package GRC500 floor

技术参数 Technical Parameter

- 产品规格: 600*600*26mm
- 地板荷载: B,Z, CZ(普通型, 重型, 超重型)
- 执行标准: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023
- Product specifications: 600 * 600 * 26mm
- Floor load: B, Z, CZ (ordinary type, heavy type)
- Execution standard: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023



产品展示 Product Display



检测报告 Test Report

“华一”牌全包GRC600型地板系列技术参数 Technical parameters of the "Huayi" brand GRC600 network raised floor series							
型号Type		规格 Size (mm)	集中荷载 挠度=2mm Concentrated Load Deflection=2mm			均布荷载 UDL (N/m ²)	极限荷载 Ultimate Load (N)
国家标准	国家标准		ib	N	kg		
FS1000	B	600*600*26	1000	4450	450	23000	16720
FS1250	Z	600*600*26	1250	5560	560	33000	22000
FS1500	CZ	600*600*26	1500	6670	680	44900	22680

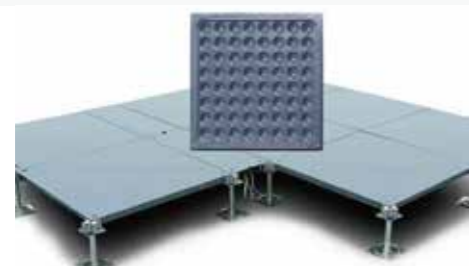


H“华一”牌钢地板OA500型

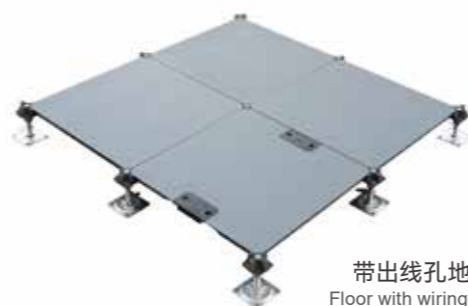
Huayi "brand steel flooring OA500 type

技术参数 Technical Parameter

- 产品规格: 500*500*28mm
- 地板荷载: CQ,Q,P,B,Z(超轻型, 轻型, 普通型)
- 执行标准: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023
- Product specifications: 500 * 500 * 28mm
- Floor load: CQ, Q, P, B, Z (ultra light, light, ordinary, heavy)
- Execution standard: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023



带线槽地板
Floor with cable tray



带出线孔地板
Floor with wiring holes



模具成型的地插座开孔板
Mold formed ground socket perforated plate



地插座配套效果图
Design rendering of ground socket matching



双缺口地板(502)
Double notch flooring (502)

“华一”牌钢地板OA500型系列技术参数 Technical parameters of "Huayi" brand steel flooring OA500 series										
型号Type	集中荷载 Concentrated Load			滚动荷载 Rolling load				极限集中荷载 Ultimate Load N	均布荷载 Uniform load	
	荷载值 Load value N	挠度 Deflection mm	残余变形 Residual deformation	荷载值 Load value/N		挠度 Deflection mm	残余变形 Residual deformation		荷载值 Load value N/m ²	挠度 Deflection mm
				10次	1000次					
CQ	1960	≤2	≤0.25	/		≤2	≤0.25	5880	9720	≤2
Q	2950			/				8850	12500	
P	3560			3560	/			10680	16000	
B	4450			4450	/			13350	23000	
Z	5560			/	4450			16680	33000	
边长公差 Side length tolerance		板厚公差 Plate thickness tolerance		表面平面度 Surface flatness		邻边垂直度 Surface flatness				
0 -0.4		±0.3		≤0.6		≤0.3				

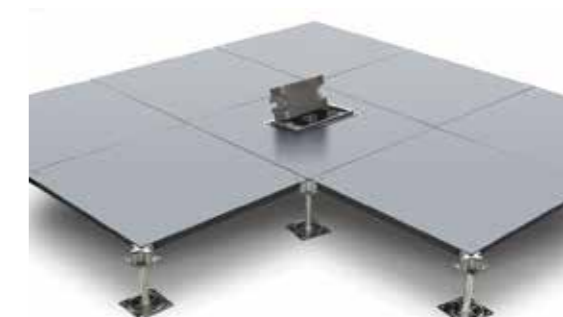
注:同一批地板板厚极限偏差 0.3 mm。 Note: The maximum deviation of the thickness of the same batch of floor panels is 0.3 mm.

H“华一”牌钢地板OA600型

Huayi brand OA600 all steel network elevated floor

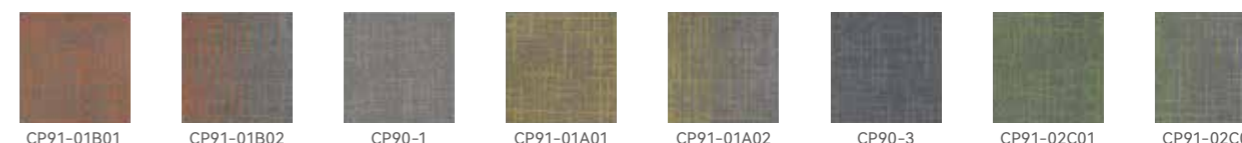
技术参数 Technical Parameter

- 产品规格: 600*600*33mm 596*596 606*606 (出口标准)
- 地板荷载: CQ,Q,P,B,Z(超轻型, 轻型, 普通型, 重型)
- 执行标准: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023
- Product specifications: 600 * 600 * 33mm 596 * 596 606 * 606 (export standard)
- Floor load: CQ, Q, P, B, Z (ultra light, light, ordinary, heavy)
- Execution standard: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023



OA600型全钢网络架空地板
OA600 type all steel network elevated floor

配套面层: 防尘地毯
Supporting surface layer: dustproof carpet



“华一”牌钢地板OA600型系列技术参数 Technical parameters of "Huayi" brand steel flooring OA600 series										
型号Type	集中荷载 Concentrated Load			滚动荷载 Rolling load				极限集中荷载 Ultimate Load N	均布荷载 Uniform load	
	荷载值 Load value N	挠度 Deflection mm	残余变形 Residual deformation	荷载值 Load value/N		挠度 Deflection mm	残余变形 Residual deformation		荷载值 Load value N/m ²	挠度 Deflection mm
				10次	1000次					
CQ	1960	≤2	≤0.25	/		≤2	≤0.25	5880	9720	≤2
Q	2950			/				8850	12500	
P	3560			3560	/			10680	16000	
B	4450			4450	/			13350	23000	
Z	5560			/	4450			16680	33000	
边长公差 Side length tolerance		板厚公差 Plate thickness tolerance		表面平面度 Surface flatness		邻边垂直度 Surface flatness				
0 -0.4		±0.3		≤0.6		≤0.3				

注:同一批地板板厚极限偏差 0.3 mm。 Note: The maximum deviation of the thickness of the same batch of floor panels is 0.3 mm.

H“华一”牌JP500型水泥地板

Huayi brand JP500 cement floor

技术参数 Technical Parameter

- 产品规格: 500*500*25mm / 500*500*28mm
- 地板荷载: B,Z(普通型, 重型)
- 执行标准: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023
- Product specifications: 500 * 500 * 25mm/500 * 500 * 28mm
- Floor load: B, Z (ordinary type, heavy type)
- Execution standard: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023



“华一”牌JP500型水泥地板系列技术参数
Technical parameters of "Huayi" brand JP500 cement floor series

型号Type	规格 Size (mm)	集中荷载 挠度=2mm Concentrated Load Deflection=2mm	滚动荷载 10次 挠度=2.0mm The rolling load test N deflection=2.0mm	均布荷载 UDL (N/m ²)	极限荷载 Ultimate Load (N)
JP500 4450N	500*500*25	4450N	4450N	23000N/m ²	13350N
JP500 5560N	500*500*28	5560N	5560N	33000N/m ²	16680N

结构及特点 Technical Parameter

无机质网络地板是由硅酸盐、无机纤维、矿物纤维、石英砂、钢筋网等材料经过高压一次成型的环保地板，每块地板自带穿线孔。地板四角镀锌底座支承，不带横梁系统。每块地板四角有90°圆弧，四块板组合而成后形成一个圆，有一个铝制螺母压角固定。铝头上配有圆形缓冲定位橡胶垫，防止地板受力后震动引起的响声。支架高度可调±25mm。

防火、防水、承载力大、寿命长。

- 1.无机质硅酸盐有相当好的阻隔热效果，是永久不燃烧固体。当地板一面加以600°C的火焰强度传递至另一面需要1H的时间。有足够的时间来逃生或抢救财产。
- 2.无机质硅酸盐具有不溶于水的特点，若出现漏水等情况该地板在完全被泡在水里的情况下仍不影响地板质量，完全可以使用。
- 3.无机质地板经过测试在挠度3mm时，承载能力可达到430KG，而国标（钢板厚度0.8mm*0.8mm）钢质网络地板也只能达到300KG。
- 4.无机质网络地板主材与大楼主材类似，所以其使用寿命与建筑物等同。

Inorganic network flooring is an environmentally friendly flooring made of materials such as silicates, inorganic fibers, mineral fibers, quartz sand, and steel mesh that are formed under high pressure in one go. Each floor has its own wiring holes. Galvanized base support at all four corners of the floor, without crossbeam system. Each floor has a 90 ° arc at the four corners, which are combined to form a circle and secured with an aluminum nut at the corner. The aluminum head is equipped with a circular cushion positioning rubber pad to prevent the noise caused by the vibration of the floor under stress. The height of the bracket can be adjusted by ± 25mm.

Fireproof, waterproof, high load-bearing capacity, and long service life.

- 1.Inorganic silicates have a considerable thermal barrier effect and are permanent non combustible solids. When a flame intensity of 600 °C is applied to one side of the floor and transmitted to the other side, it takes 1 hour. There is enough time to escape or rescue property.
- 2.Inorganic silicates have the characteristic of being insoluble in water. If there is water leakage or other situations, the floor can still be used without affecting its quality even when completely immersed in water.
- 3.Inorganic flooring has been tested to have a load-bearing capacity of 430KG when subjected to a deflection of 3mm, while the national standard (steel plate thickness 0.8mm * 0.8mm) steel network flooring can only reach 300KG.
- 4.The main materials of inorganic network flooring are similar to those of buildings, so their service life is equivalent to that of buildings.

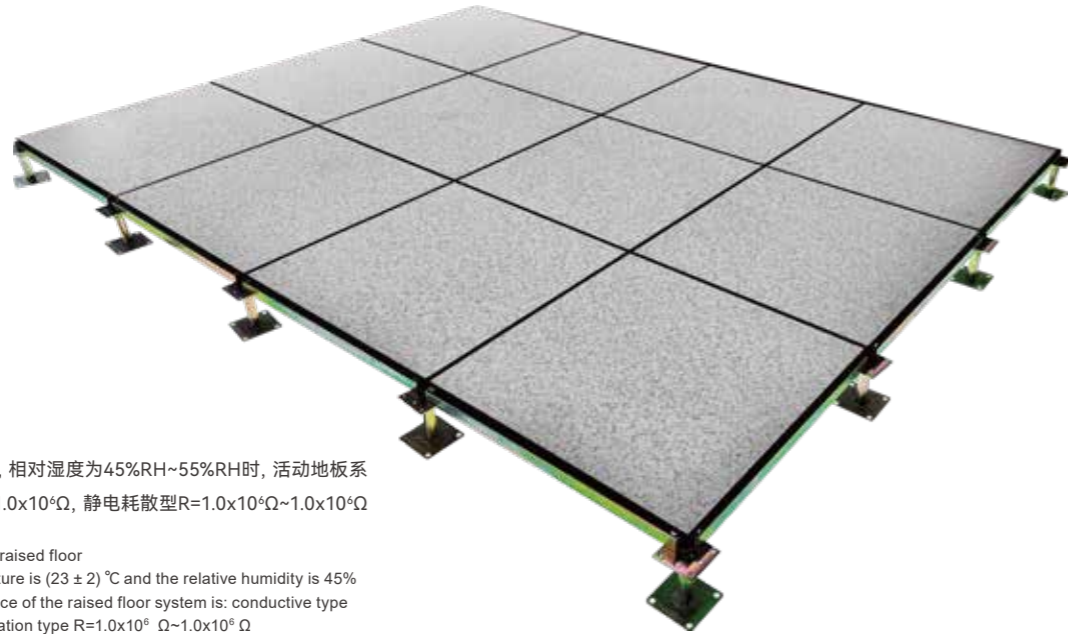


H“华一”牌全钢防静电地板、通风地板、瓷砖地板

Huayi brand all steel anti-static flooring, ventilated flooring, ceramic tile flooring

技术参数 Technical Parameter

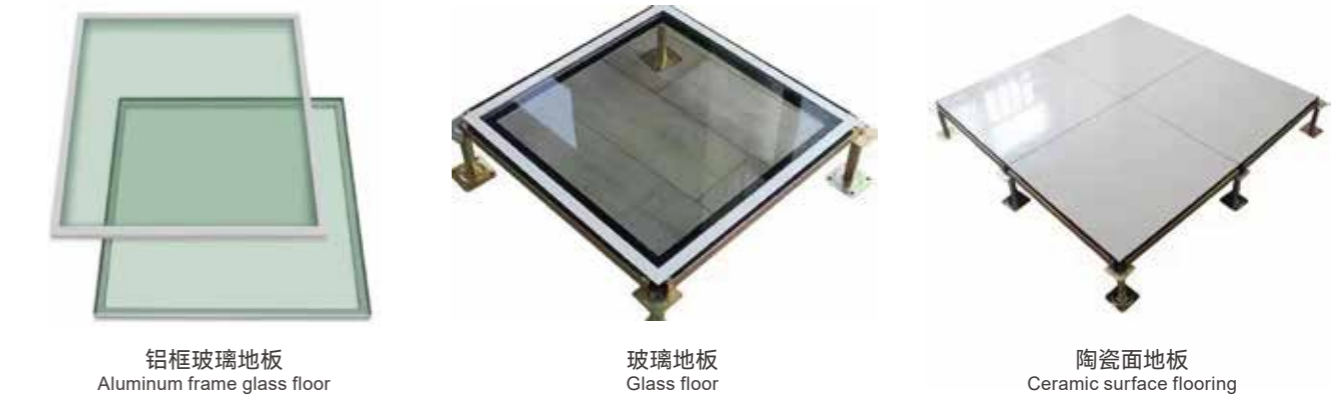
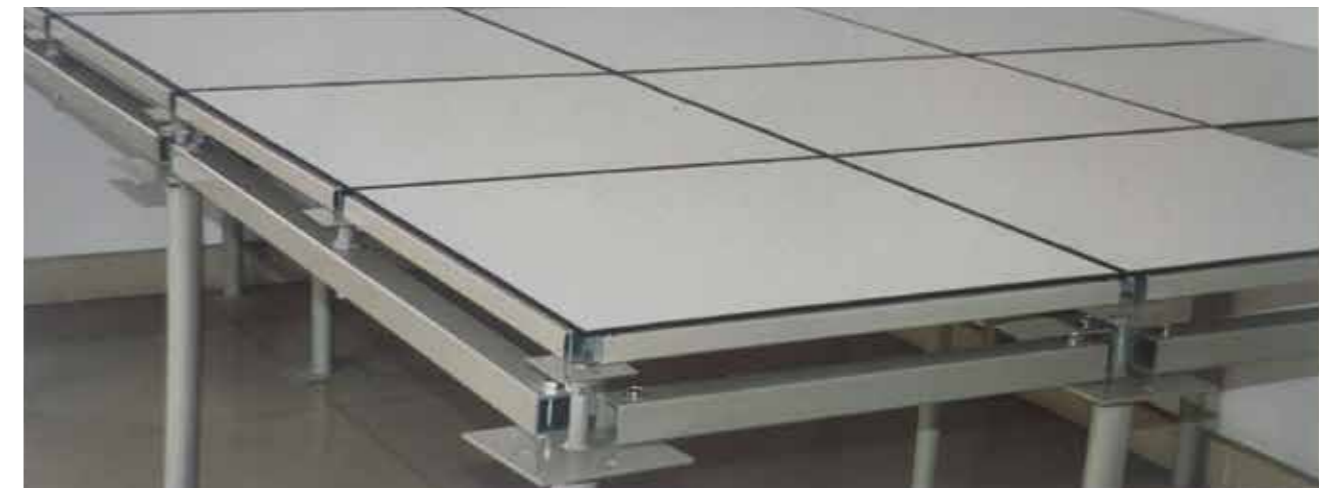
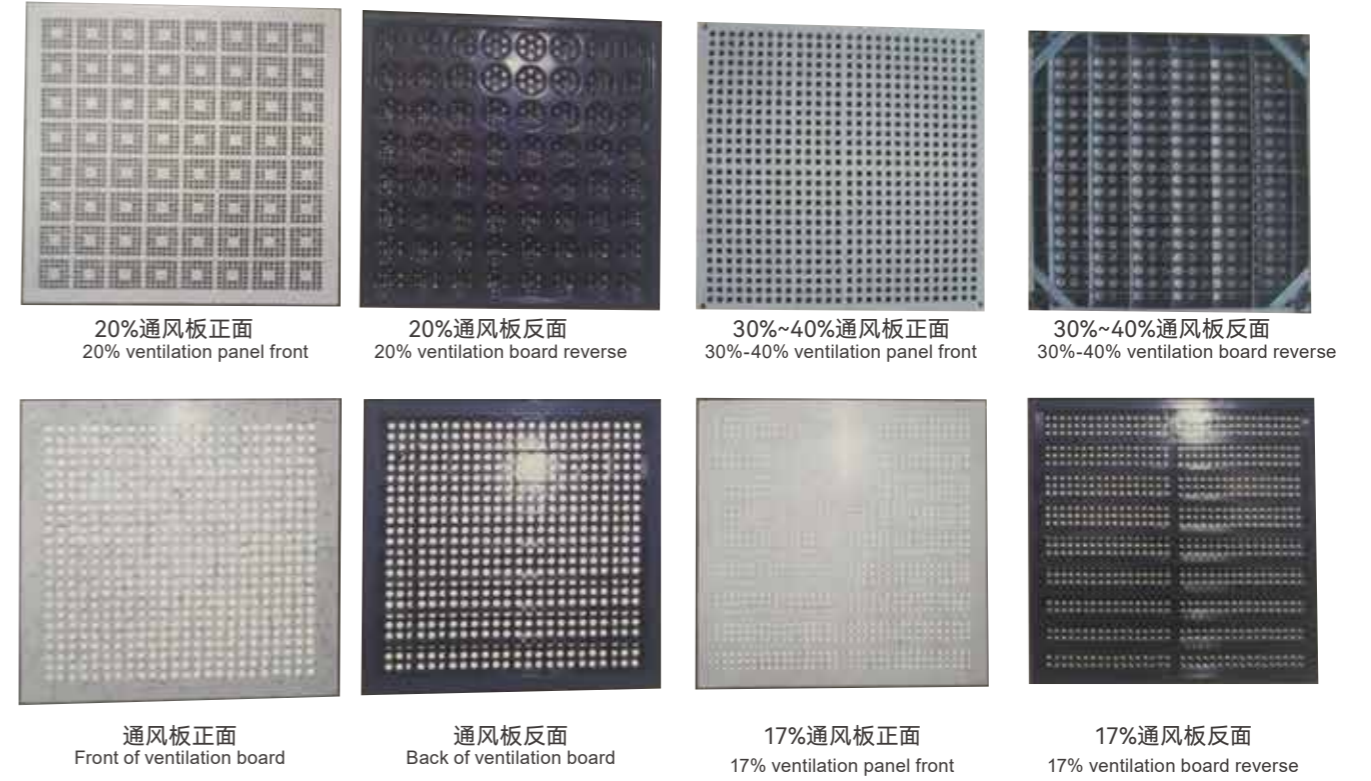
- 产品规格: 600*600*35mm面层: HPL / 600*600*35mm面层: PVC / 600*600*45mm面层: 陶瓷
- 地板荷载: CQ,Q,B,Z(超轻型, 轻型, 普通型, 重型)
- 执行标准: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023
- Product specifications: 600 * 600 * 35mm Surface layer: HPL/600 * 600 * 35mm Surface layer: PVC/600 * 600 * 45mm Surface layer: Ceramic
- Floor load: CQ, Q, B, Z (ultra light, light, ordinary, heavy)
- Execution standard: SJ/T10796-2001 GB/T36340-2018 T/CEIA ESD1006-2023



活动地板电性能

在室内温度为(23±2)°C, 相对湿度为45%RH~55%RH时, 活动地板系统电阻为:导电型 $R < 1.0 \times 10^6 \Omega$, 静电耗散型 $R = 1.0 \times 10^6 \Omega \sim 1.0 \times 10^9 \Omega$

Electrical performance of raised floor
When the indoor temperature is (23 ± 2) °C and the relative humidity is 45% RH~55% RH, the resistance of the raised floor system is: conductive type $R < 1.0 \times 10^6 \Omega$, static dissipation type $R = 1.0 \times 10^6 \Omega \sim 1.0 \times 10^9 \Omega$



“华一”牌全钢防静电地板、通风地板、瓷砖地板系列技术参数 Technical parameters of "Huayi" brand all steel anti-static flooring, ventilated flooring, and ceramic tile flooring series									
型号Type	集中荷载 Concentrated Load			滚动荷载 Rolling load			极限集中荷载 Ultimate Load N	均布荷载 Uniform load	
	荷载值 Load value N	挠度 Deflection mm	永久变形 Permanent deformation mm	荷载值 Load value N	挠度 Deflection mm	永久变形 Permanent deformation mm		荷载值 Load value N/m ²	挠度 Deflection mm
CQ	1960	≤2	≤0.25	980	≤2	≤0.5	5880	9720	≤2
Q	2950			2255			8850	12500	
B	4450			3560			13350	23000	
Z	5560			4450			16680	33000	
边长公差 Side length tolerance		板厚公差 Plate thickness tolerance		表面平面度 Surface flatness		邻边垂直度 Surface flatness			
0 -0.4		±0.3		≤0.6		≤0.3			

注:同一批地板板厚极限偏差 0.3 mm。 Note: The maximum deviation of the thickness of the same batch of floor panels is 0.3 mm.

H“华一”牌LHG600型铝合金防静电架空地板

Huayi brand LHG600 aluminum alloy anti-static elevated floor

铝合金架空地板是一种具有众多优势的高性能地板解决方案，广泛应用于以下各类场所：

- 一、数据中心：在数据中心，大量的服务器和网络设备运行产生静电，铝合金架空地板能够有效导走静电，保障设备稳定运行。其高强度和良好的承载能力，能承受机柜等设备的重量，同时为线缆铺设提供了便利的空间。
- 二、计算机机房：为计算机设备提供稳定的运行环境，防止静电干扰，保护敏感的电子元件。架空的设计便于通风散热，有助于维持机房内的适宜温度，提高设备的运行效率和寿命。
- 三、洁净室：由于其表面平整、不易积尘、易于清洁的特点，非常适合对环境洁净度要求极高的洁净室。能够减少灰尘和杂质对生产过程的影响，确保产品质量。
- 四、控制中心：在各类监控和控制中心，铝合金架空地板有助于整合复杂的线缆系统，保持地面整洁有序。其良好的防静电性能可防止电磁干扰，保障设备的准确运行。
- 五、实验室：实验室中的精密仪器对静电和环境稳定性要求严格，这种地板能够提供可靠的静电防护，并且其耐腐蚀性能够适应实验室的化学环境。
- 六、金融交易场所：金融交易场所的电子设备众多，铝合金架空地板可以确保交易系统的稳定运行，降低因静电或电磁干扰导致的交易风险。

Aluminum alloy elevated flooring is a high-performance flooring solution with numerous advantages, widely used in the following types of places:

- 1、Data center: In the data center, a large number of servers and network devices generate static electricity during operation. Aluminum alloy raised floors can effectively dissipate static electricity and ensure stable operation of equipment. Its high strength and good load-bearing capacity can withstand the weight of equipment such as cabinets, while providing convenient space for cable laying.
- 2、Computer room: provides a stable operating environment for computer equipment, prevents static interference, and protects sensitive electronic components. The elevated design facilitates ventilation and heat dissipation, helps maintain a suitable temperature in the computer room, and improves the operational efficiency and lifespan of equipment.
- 3、Cleanroom: Due to its flat surface, low dust accumulation, and easy cleaning characteristics, it is very suitable for cleanrooms with extremely high environmental cleanliness requirements. It can reduce the impact of dust and impurities on the production process, ensuring product quality.
- 4、Control Center: In various monitoring and control centers, aluminum alloy raised floors help integrate complex cable systems and keep the ground clean and orderly. Its excellent anti-static performance can prevent electromagnetic interference and ensure the accurate operation of the equipment.
- 5、Laboratory: The precision instruments in the laboratory have strict requirements for static electricity and environmental stability. This type of floor can provide reliable static electricity protection and its corrosion resistance can adapt to the chemical environment of the laboratory.
- 6、Financial trading venues: There are numerous electronic devices in financial trading venues, and aluminum alloy raised floors can ensure the stable operation of trading systems and reduce trading risks caused by static electricity or electromagnetic interference.

H“华一”牌LHG600型铝合金防静电架空地板

Huayi brand LHG600 aluminum alloy anti-static elevated floor



名称	内容	备注
地板材质	高压铸铝合金	有边或无边可选
面层材料	通透PVC、HPL	
外观尺寸 (mm)	600*600*55	
板幅极限偏差 (mm)	0-0.3mm	
板厚极限偏差 (mm)	±0.3mm	
表面平整度 (mm)	≤0.3mm	
相邻边垂直度 (mm)	≤0.3mm	
整板重量 (kg) (包括附件)	35kg/m ²	
集中荷载 (N)	5560N (挠度≤2mm)	
均布荷载 (N/M ²)	≥33000N/m ² 挠度≤2mm)	
极限荷载 (N)	≥16680N	
阻燃性能	达到GB8624-2006《建筑材料不燃烧性试验方法》A1n级标准	
耐冲击性能 (mm)	试验区没有任何塌陷，地板永久变形≤0.25mm	
滚动荷载 (mm)	滚动10000次，挠度≤2mm，永久变形≤0.5mm	
支座材质/表面处理	全钢/≥60g/m ² 镀锌或镀镍处理	
支架	上托12*12*4.5mm/下托9*9*3mm	
防尘、防水能力	完全防尘、防水	

H “华一”牌LHG600型铝合金防静电架空地板

Huayi brand LHG600 aluminum alloy anti-static elevated floor



铝合金地板正面
Aluminum alloy floor front

铝合金地板反面
Aluminum alloy floor reverse

通风调节片
Ventilation regulating plate

名称	内容	备注
地板材质	高压铸铝合金	梅花孔
面层材料	无贴面环氧喷粉	
通风率	无调节器60%; 有调节器0~60%	
外观尺寸 (mm)	600*600*55	
板幅极限偏差 (mm)	0-0.3mm	
板厚极限偏差 (mm)	±0.1mm	
表面平整度 (mm)	≤0.3mm	
相邻边垂直度 (mm)	≤0.3mm	
整板重量 (kg) (包括附件)	30kg/m ²	
集中荷载 (N)	5560N (挠度≤2mm)	
均布荷载 (N/M ²)	≥33000N/m ² 挠度≤2mm)	
极限荷载 (N)	≥16680N	
阻燃性能	达到GB8624-2006《建筑材料不燃烧性试验方法》A1n级标准	
耐冲击性能 (mm)	试验区没有任何塌陷, 地板永久变形≤0.25mm	
滚动荷载 (mm)	滚动10000次, 挠度≤2mm, 永久变形≤0.5mm	
支座材质/表面处理	全钢/≥60g/m ² 镀锌或镀镍处理	
支架	上托12*12*4.5mm/下托9*9*3mm	
防尘、防水能力	完全防尘、防水	

H “华一”牌LHG600型铝合金防静电架空地板

Huayi brand LHG600 aluminum alloy anti-static elevated floor



铝合金地板正面
Aluminum alloy floor front

铝合金地板反面
Aluminum alloy floor reverse

通风调节片
Ventilation regulating plate

名称	内容	备注
地板材质	高压铸铝合金	圆孔
面层材料	通透PVC、HPL	
通风率	无调节器25%; 有调节器0~25%	
孔径、数量	φ 6.0mm、1080孔	
外观尺寸 (mm)	600*600*55	
板幅极限偏差 (mm)	0-0.3mm	
板厚极限偏差 (mm)	±0.1mm	
表面平整度 (mm)	≤0.3mm	
相邻边垂直度 (mm)	≤0.3mm	
整板重量 (kg) (包括附件)	30kg/m ²	
集中荷载 (N)	5560N (挠度≤2mm)	
均布荷载 (N/M ²)	≥33000N/m ² 挠度≤2mm)	
极限荷载 (N)	≥16680N	
阻燃性能	达到GB8624-2006《建筑材料不燃烧性试验方法》A1n级标准	
耐冲击性能 (mm)	试验区没有任何塌陷, 地板永久变形≤0.25mm	
滚动荷载 (mm)	滚动10000次, 挠度≤2mm, 永久变形≤0.5mm	
支座材质/表面处理	全钢/≥60g/m ² 镀锌或镀镍处理	
支架	上托12*12*4.5mm/下托9*9*3mm	
防尘、防水能力	完全防尘、防水	

如何选择合适的架空地板?

How to choose a suitable elevated floor?

选择适合自己需求的网络地板, 可以从以下几个方面考虑:

- 1. 承载能力:** 根据使用场所的设备重量和人员活动情况, 确定所需地板的承载能力。例如, 数据中心需要承载大量服务器, 就需要高承载能力的地板。
- 2. 防静电性能:** 如果是对静电敏感的环境, 如电子实验室、计算机房等, 要选择具有良好防静电性能的地板, 确保静电能够及时释放。
- 3. 通风性能:** 考虑使用场所的设备散热需求。如果设备发热量大, 需要选择通风性能良好的地板, 以保证空气流通, 有助于散热。
- 4. 尺寸规格:** 根据房间的面积和布局, 选择合适尺寸的地板, 以减少拼接和浪费, 确保安装效果美观。
- 5. 安装和维护便利性:** 选择结构简单、易于安装和拆卸的地板, 方便后期的维护和线路调整。
- 6. 防火性能:** 根据场所的防火要求, 选择符合相应防火等级的地板, 以保障安全。
- 7. 品牌和质量:** 选择知名品牌和有良好口碑的产品, 通常质量更有保障, 售后服务也更完善。
- 8. 预算:** 根据自身预算, 在满足需求的前提下, 选择性价比高的地板。
- 9. 环保性能:** 关注地板材料是否环保, 有无有害物质释放, 以保证室内环境健康。综合考虑以上因素, 您就能选择到适合自己需求的网络地板。

Choosing a network floor that suits your needs can be considered from the following aspects:

- 1. Load capacity:** Determine the required floor load capacity based on the weight of equipment and personnel activity in the usage location. For example, if a data center needs to support a large number of servers, it requires flooring with high carrying capacity.
- 2. Anti static performance:** If it is an environment sensitive to static electricity, such as electronic laboratories, computer rooms, etc., it is necessary to choose flooring with good anti-static performance to ensure that static electricity can be released in a timely manner.
- 3. Ventilation performance:** Consider the heat dissipation requirements of the equipment in the usage location. If the device generates a large amount of heat, it is necessary to choose a floor with good ventilation performance to ensure air circulation and help dissipate heat.
- 4. Size specifications:** Select the appropriate size of flooring based on the area and layout of the room to reduce splicing and waste, ensuring a beautiful installation effect.
- 5. Installation and maintenance convenience:** Choose a floor with a simple structure that is easy to install and disassemble, making it convenient for later maintenance and line adjustments.
- 6. Fireproof performance:** Select flooring that meets the corresponding fire rating according to the fire protection requirements of the location to ensure safety.
- 7. Brand and Quality:** Choosing well-known brands and products with good reputation usually ensures better quality and more comprehensive after-sales service.
- 8. Budget:** Choose cost-effective flooring based on your own budget while meeting your needs.
- 9. Environmental performance:** Pay attention to whether the flooring material is environmentally friendly and whether harmful substances are released to ensure a healthy indoor environment. Taking into account the above factors, you can choose the all steel network flooring that suits your needs.

卓越的防静电性能
Excellent anti-static performance

高强度与耐用性
High strength and durability

良好的防火性能
Good fire resistance performance

美观大方
Beautiful and generous

易于安装和维护
Easy to install and maintain

COMPLIMENTS

口碑 · 源自世界的盛赞

如何维护/保养架空地板?

How to maintain/upkeep elevated flooring?

- 1. 定期清扫:** 每周至少进行一次全面的清扫, 使用柔软的扫帚或吸尘器清除地板表面的灰尘和杂物。特别注意角落和缝隙处, 防止灰尘积累。
- 2. 温和清洁:** 每月使用中性清洁剂和温水混合的溶液擦拭地板表面。避免使用强酸、强碱或有腐蚀性的清洁剂。擦拭时使用柔软的湿布, 不要过度用力, 以免刮伤地板。
- 3. 防止划伤:** 在地板上放置设备或家具时, 应轻拿轻放, 避免拖拽造成划伤。可以在经常移动设备的区域铺设保护垫。
- 4. 控制湿度:** 如果室内湿度过高, 应使用除湿设备; 湿度过低时, 可适当使用加湿器, 保持适宜的湿度范围, 以减少地板因湿度变化而产生的问题。
- 5. 避免液体浸泡:** 及时清理地板上的水渍或其他液体, 防止液体渗透到地板内部, 导致腐蚀或损坏。
- 6. 定期检查:** 每隔一段时间 (如每季度) 检查地板的连接部位、支架是否牢固, 有无松动、变形等情况。查看地板表面有无磨损、划伤、腐蚀等痕迹, 及时进行修复或更换受损部件。
- 7. 静电防护:** 按照规定进行静电接地处理, 确保地板的防静电性能正常, 减少静电对地板和设备的损害。
- 8. 限制重物碾压:** 避免在地板上长期停放过重的物品或车辆, 防止地板局部承受过大压力而变形。
- 9. 培训使用者:** 对在该区域工作的人员进行培训, 让他们了解正确的使用和维护方法, 避免不当操作。

- 1. Regular cleaning:** Conduct a comprehensive cleaning at least once a week, using a soft broom or vacuum cleaner to remove dust and debris from the floor surface. Pay special attention to corners and gaps to prevent dust accumulation.
- 2. Gentle cleaning:** Use a solution of neutral detergent and warm water to wipe the floor surface every month. Avoid using strong acids, strong alkalis, or corrosive cleaning agents. When wiping, use a soft damp cloth and do not apply excessive force to avoid scratching the floor.
- 3. Prevent scratches:** When placing equipment or furniture on the floor, handle it gently to avoid dragging and scratching. Protective pads can be laid in areas where devices are frequently moved.
- 4. Control humidity:** If the indoor humidity is too high, dehumidification equipment should be used; When the humidity is too low, a humidifier can be used appropriately to maintain a suitable humidity range, in order to reduce the problems caused by changes in humidity on the floor.
- 5. Avoid soaking in liquids:** Clean up water stains or other liquids on the

- floor in a timely manner to prevent liquids from penetrating into the interior of the floor, causing corrosion or damage.
- 6. Regular inspection:** Check the connection parts and brackets of the floor at regular intervals (such as every quarter) for firmness, looseness, deformation, and other conditions. Check the surface of the floor for signs of wear, scratches, corrosion, etc., and promptly repair or replace damaged parts.
- 7. Electrostatic protection:** Carry out electrostatic grounding treatment according to regulations to ensure the normal anti-static performance of the floor and reduce the damage of static electricity to the floor and equipment.
- 8. Limit heavy object crushing:** Avoid long-term parking of heavy objects or vehicles on the floor to prevent local deformation caused by excessive pressure on the floor.
- 9. Training users:** Train personnel working in the area on the correct usage and maintenance methods to avoid improper operations.

安装指导 / Installation Guide



H 架空地板的应用前景

The application prospects of elevated flooring

在当今建筑与室内设计领域，架空地板正逐渐展现出其独特的价值和广阔的应用前景。

架空地板作为一种具有创新性的地面解决方案，首先在数据中心、机房等对静电控制和线缆管理要求极高的场所得得到广泛应用。它为这些场所提供了稳定的静电消散途径，保障了敏感设备的正常运行，同时其架空的结构使得线缆的铺设和管理更加便捷、有序，有效提升了整体的运营效率。

随着科技的不断进步和人们对空间利用需求的进一步提高，架空地板的应用范围也在不断扩大。在现代办公空间中，它可以灵活适应不断变化的布局需求，方便地进行线路改造和设备升级，为企业提供了更具适应性和可持续性的办公环境。在一些智能化建筑中，架空地板与智能系统的结合，实现了对地板下空间的智能化管理，进一步提升了建筑的整体智能化水平。

此外，在一些对环境洁净度要求较高的场所，如实验室、医院等，架空地板也发挥着重要作用。它可以有效减少灰尘积聚，便于清洁和维护，为这些特殊环境提供了可靠的地面支持。

展望未来，架空地板的应用前景依然十分光明。随着建筑技术的不断革新和人们对空间品质要求的持续提升，架空地板将在更多领域展现其优势，为构建高效、智能、舒适的建筑空间贡献力量。无论是在新兴的科技产业园区，还是在传统的商业和居住建筑中，架空地板都有望成为不可或缺的一部分，推动着建筑行业朝着更加先进和可持续的方向发展。

我们有理由相信，架空地板的应用前景将充满无限可能，为人们的生活和工作带来更多的便利和创新。

In the field of architecture and interior design today, elevated flooring is gradually demonstrating its unique value and broad application prospects.

As an innovative ground solution, elevated flooring has been widely used in places with high requirements for static control and cable management, such as data centers and computer rooms. It provides a stable static dissipation pathway for these places, ensuring the normal operation of sensitive equipment. At the same time, its overhead structure makes cable laying and management more convenient and orderly, effectively improving overall operational efficiency.

With the continuous advancement of technology and the further increase in people's demand for space utilization, the application scope of elevated flooring is also constantly expanding. In modern office spaces, it can flexibly adapt to constantly changing layout requirements, facilitate line renovation and equipment upgrades, and provide enterprises with a more adaptable and sustainable office environment. In some intelligent buildings, the combination of raised floors and intelligent systems has achieved intelligent management of the space under the floor, further enhancing the overall intelligence level of the building.

In addition, in some places that require high environmental cleanliness, such as laboratories, hospitals, etc., raised floors also play an important role. It can effectively reduce dust accumulation, facilitate cleaning and maintenance, and provide reliable ground support for these special environments.

Looking ahead to the future, the application prospects of elevated flooring are still very promising. With the continuous innovation of building technology and the continuous improvement of people's requirements for space quality, elevated flooring will demonstrate its advantages in more fields, contributing to the construction of efficient, intelligent, and comfortable building spaces. Whether in emerging technology industrial parks or traditional commercial and residential buildings, elevated flooring is expected to become an indispensable part, driving the construction industry towards a more advanced and sustainable direction.

We have reason to believe that the application prospects of elevated flooring will be full of infinite possibilities, bringing more convenience and innovation to people's lives and work.

H 部分工程案例

Partial engineering cases



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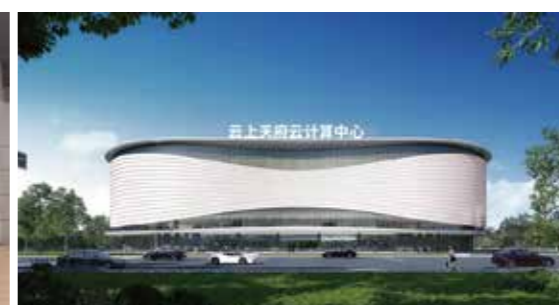
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