

Anti-Static Calcium Sulphate Raised Access Floor

PRODUCT OVERVIEW



ArcTiv Anti-Static Calcium Sulphate Raised Access Floors provide your data room with a clean and reliable environment for managing IT equipment, airflow and structured cabling. The raised floor panels are offered in a range of finishes and provide an anti-static, clean environment for offices, meeting rooms and white-space applications. Built with eco-friendly materials, the raised floors will provide your business with the peace of mind from installation, maintenance to recyclability.

Benefits	
Flexible	Easy to Adjust Height and Overall Dimensions for Retrofits and New Construction
Service	Easy to Install and Maintain with Removable Panels
Durable	Fire-proof, Waterproof, Shockproof, Soundproof, Dustproof & Corrosion Resistant
Anti-Static	Laminate & PVC Top Panel Finishes with Anti-Static Ratings
Attractive	Attractive Top Panel Finishes for Office & White Space Applications
Stable	High Load Rating & Able to Withstand Dynamic Loads, Temperature & Humidity
Environment	Eco-Friendly Calcium Sulphate Boards, with Recyclable Materials
Warranty	2-Year Standard Warranty

Modular Design



Flexible Components
Panels & Understructure

Easy Access



Removable Panels
Access Underfloor Cables

Anti-Static Calcium Sulphate Raised Access Floor

SPECIFICATIONS

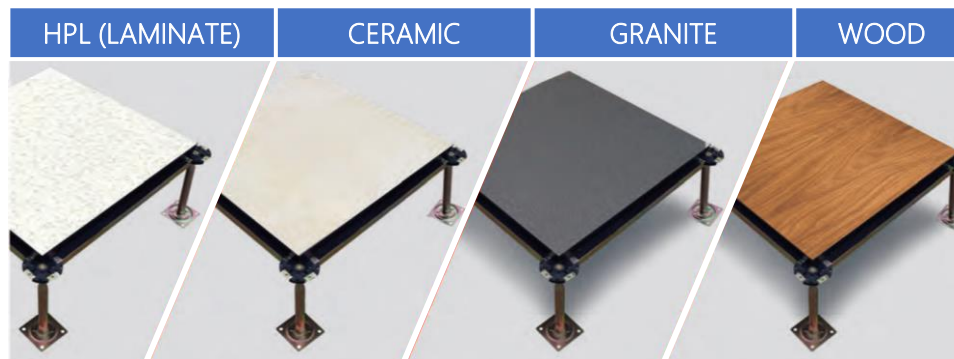
Dimensions & Load Ratings

Type	ATFS800	ATFS1000	ATFS1250	ATFS1500
Panel Dimensions (mm)	600 x 600	600 x 600	600 x 600	600 x 600
Concentrated Load	LB	800	1,000	1,250
	N	3,560	4,450	5,560
	KG	363	450	567
Impact Load (N)	536	670	780	1005
Ultimate Load (N)	10,680	13,350	16,680	19,980
Uniform Load (N/m ²)	16,100	23,000	33,000	34,500
Rolling Load (N)	10 times	3,560	4,450	5,560
10000 times	2,670	3,560	6,675	5,340
Reaction to Fire	A1	A1	A1	A1

Mounting Height: 100 – 300mmH, Thickness: 25mm – 38mm

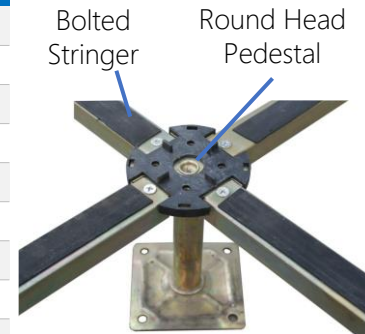
Certifications: ISO9001, ISO14001, CE

Top Tile Finishes



Under Structure

Item	Specification	
Round Head Pedestal	Material	Galvanized Steel
	Height	FFH 300mm+/-25mm
	Top	M90 x 3mm
	Bottom	95 x 95mm x 2mm
	Tube	M25mm x 1.2mm
	Screw Rod	M18 x 7mm
Bolted Stringer	Other	Nut Lock, Top Gasket
	Material	Galvanized Steel
	Height	20 x 30 x 540mm
	Thickness	1.0mm



Product Structure

Item	Specification
Top Tile	HPL, PVC, Ceramic, Granite, Wood
Edge Trim	Conductive PVC
Calcium Sulphate Core	Environmentally Friendly
Bottom Tiles	AL Foil or Galvanized Steel
Anti-Static	HPL: 10 ⁶ to 10 ⁹ ohms



Cement Infill Steel Raised Access Floor (Finished Type)

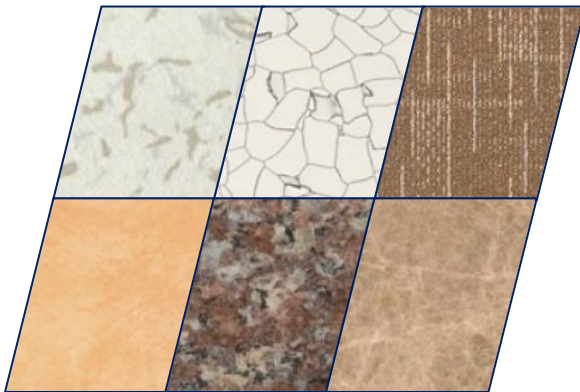
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ArcTiv Cement Infill Steel Raised Access Floors provide your data room with a clean and reliable environment for managing IT equipment, airflow and structured cabling. The raised floor panels are offered in a range of finishes and provide an anti-static, clean environment for offices, meeting rooms and white-space applications. Key characteristics include:

- Flame retardant, dustproof, anti-static, anti-skid, anti-rust, anti-soil, and chemical resistant
- High-quality sealant, strong wearability, non-bubble, non-degumming
- High loading and pressurization
- Easy to assemble, repair and replace

Top Tile Finishes



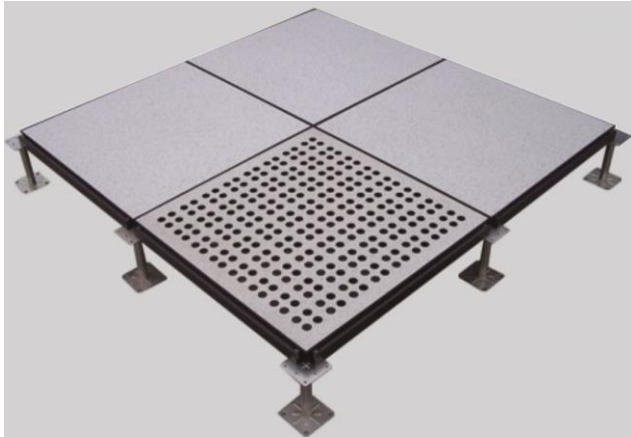
Specifications

Type	Size (mm)	Concentrated Load			Impact Load (N)	Ultimate Load (N)	Uniform Load (N/m ²)	Rolling Load (N)	
		LB	N	Kg				10x	10,000 x
FS662	600*600*35	≥662	≥2950	≥301	≥445	≥8,850	≥12,500	2946	2356
FS800	600*600*35	≥800	≥3560	≥363	≥536	≥10,680	≥16,100	3560	2670
FS1000	600*600*35	≥1000	≥4450	≥450	≥670	≥13,350	≥23,000	4450	3560
FS1250	600*600*35	≥1250	≥5560	≥567	≥780	≥16,680	≥33,000	5560	4450
FS1500	600*600*35	≥1500	≥6660	≥680	≥1005	≥19,980	≥34,500	6675	5340
FS2000	600*600*35	≥2000	≥8900	≥909	≥1340	≥26,700	≥46,000	8900	7120

Note: Mounting height 100~300mm, other heights can be customized.

Perforated Steel Panels

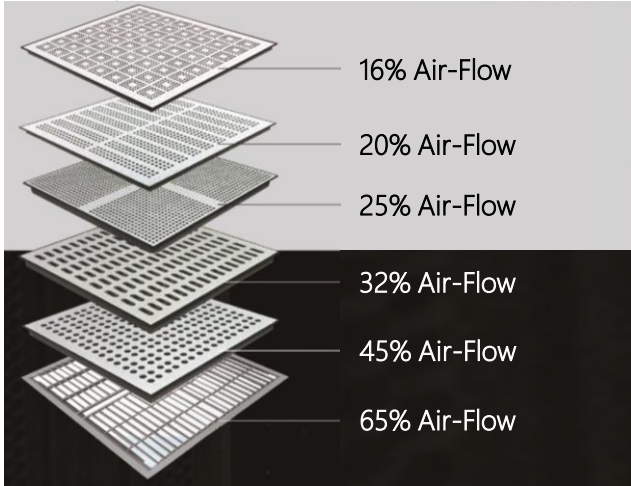
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Product Summary

- Mild steel construction enhances the load bearing capacities.
- Made from non-combustible material
- Available with an option of adjustable dampers to manage airflow volume.
- Unique design provides seamless compatibility with all types of raised access flooring system.
- Carrier plate consisting of a welded tube frame construction with powder-coated surface, plate for ventilation purposes perforates, optionally with throttle-sheet or quantity adjustment.
- Bottom: Adjustable Damper

Panel Types



Technical Data	
Concentrated Load	3,650N
Deflection	< 2.5mm
Safety Factor	2
Load Bearing Capacity	16,100 N/m ²
CFM (with Damper)	700-1,300
Electrostatic Resistance	≥1X10 ⁶ Ω
Panel Thickness	32mm
Pedestal Grid	600mm x 600mm
Material	Rectangular Steel Sheet
Surface	Antistatic HPL
Underside	Square Tube

Building Material	Class
Fire Reaction	A1
Fire Resistance	REI 30
Laminate Covering	D.M. 26/06/84 Class 1
Plastic	UL94 Class V0