

# AFT

ACCESS FLOORS TRADING

# STEEL CEMENTITIOUS

(WITH ANTI-STATIC HPL FINISH)

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## a. Introduction/Description

The Steel Cementitious with High Pressure laminate finish is made of good quality cold-rolled steel sheet with foaming cement fully filled. The surface is stuck with High Pressure Laminate (HPL). The whole system is composed of panels, pedestal, cantilever support between the pedestals known as stringers and screw to lock the stringers and pedestals in place.



## b. Construction

Bare Cementitious Panels is made of good quality cold-rolled steel sheet, which is stretched, spot-welded, and coated with grey epoxy powder after having been phosphorated. There is cement fully filled, with corner-lock holes punched in four sides of the panel, which locks with the pedestals to provide better grip and durability. This raised flooring system can be used without stringers up to the heights of 300mm FFH, and above that would rest on a stringer system. The platform gathering might give simple alteration of leveling and precisely adjust boards for a most extreme + 25mm within the vertical deviation.

## c. Application

- o Data Center
- o Switch Room
- o Computer Room
- o Server / Hub Room
- o Communication Room
- o Control Room

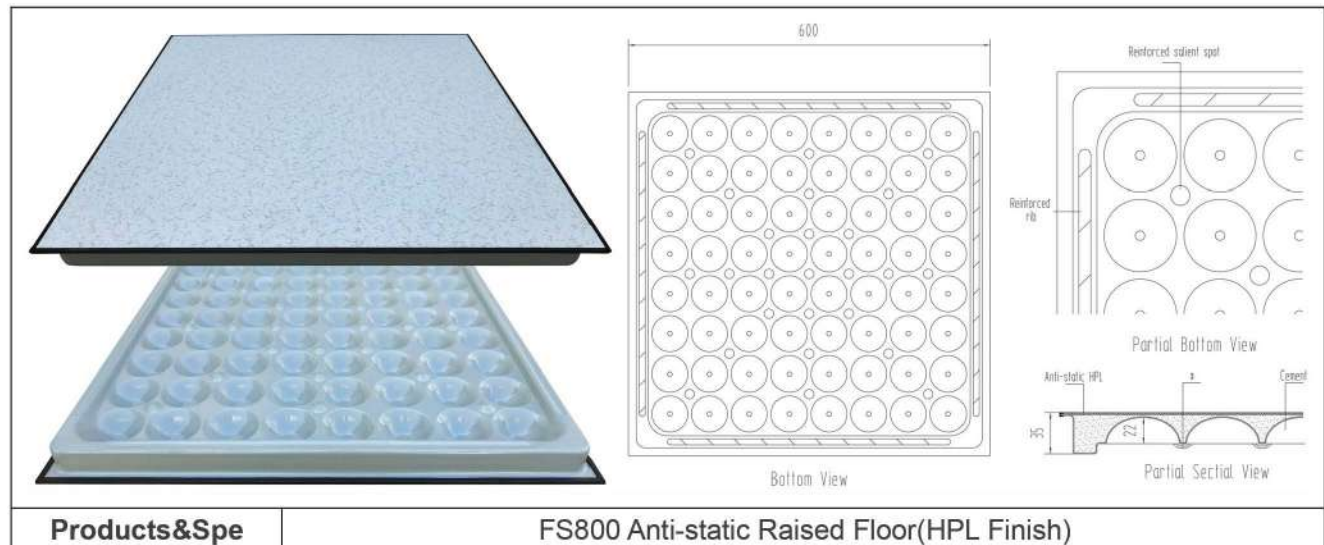
## Technical Specifications & Structural Performances

- o Panel Dimensions – “600mm x 600mm”
- o Panel Thickness - 35mm
- o Core Material – Cement
- o Panel Weight – 14 kgs
- o Weight of the System – 446kg/ sq.m with 200mm FFH pedestals. (Varies with FFH and stringer system)
- o Overall FFH available – 100mm – 1500mm

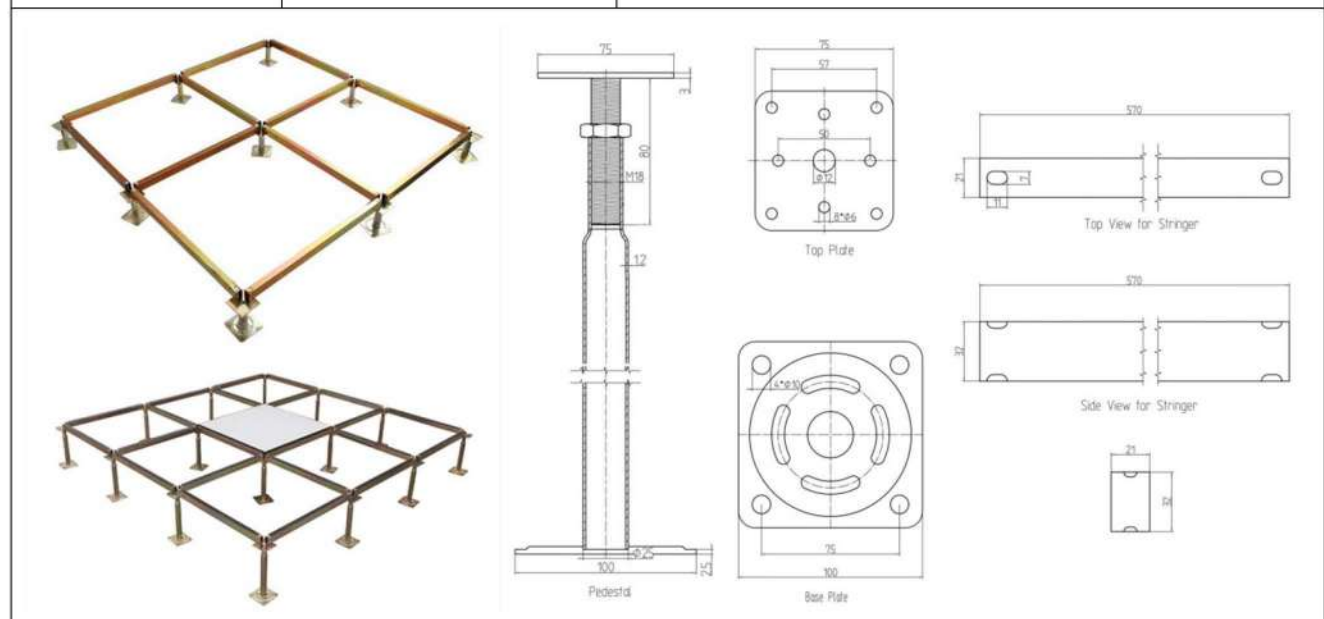


# FS800

## ANTI STATIC RAISED FLOOR



Description	Anti static flooring is made of standard steel cement raised floor, with anti static HPL on top. There are conductive rubber trims on edge to protect the panels.	
Dimension	600mmx600mmx35mm	
Weight	44-46kg/m2(whole system)	
Item	Test Standard	Performance
Fire Resistance	ASTM E84-14	Class A
Satic Concentrated Load	CISCA	800lb/3.56kn
	PSA MOB PF2	Medium grade
Ultimate Load	CISCA	11.25kn
Impact Load	CISCA	100lb/45kg
Rolling Load	CISCA	2.94kn at 10passes
		2.45kn at 10,000passes
Uniform Load	CISCA	17.78kn/m2

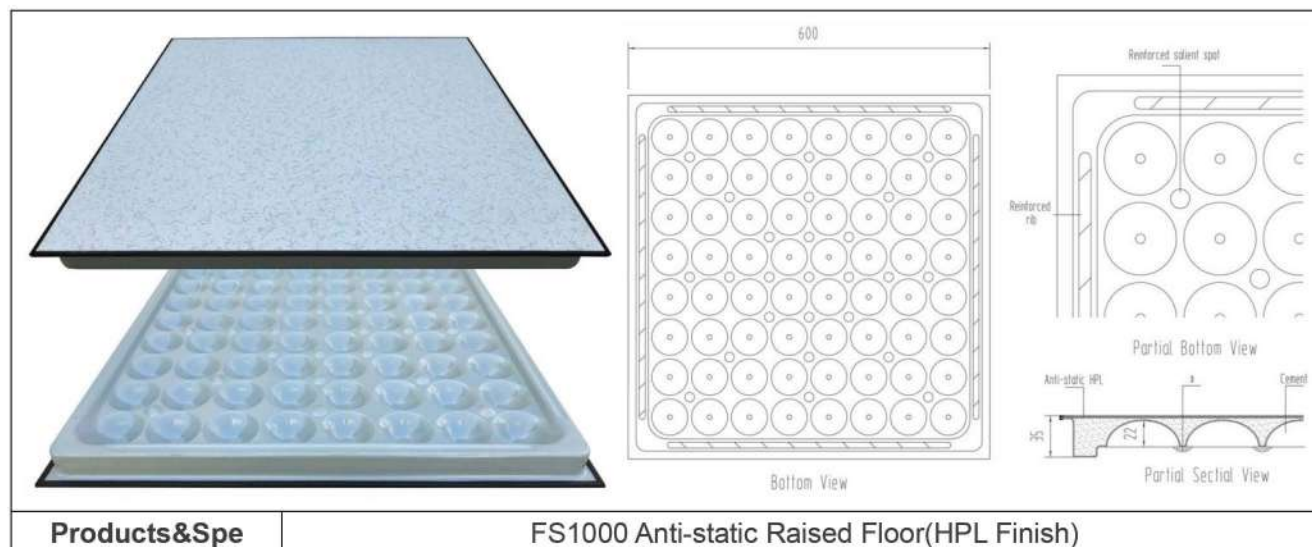


Products&Spe	Raised Floor Pedestal & Stringer
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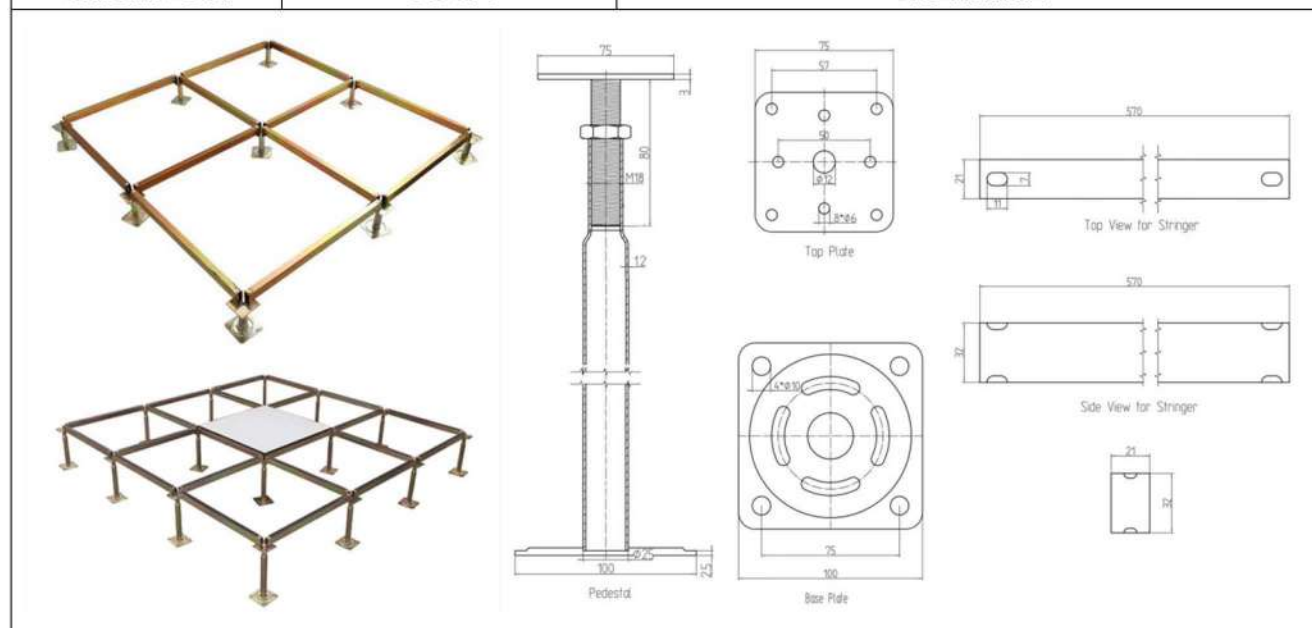
Description	Pedestals and stringers with with zinc galvanizing, connected with screws	
Item	Test Standard	Performance
Axial Load	CISCA	22.5kn

# FS1000

## ANTI STATIC RAISED FLOOR



Products&Spe		FS1000 Anti-static Raised Floor(HPL Finish)
Description	Anti static flooring is made of standard steel cement raised floor, with anti static HPL on top. There are conductive rubber trims on edge to protect the panels.	
Dimension	600mmx600mmx35mm	
Weight	47-49kg/m2(whole system)	
Item	Test Standard	Performance
Fire Resistance	ASTM E84-14	Class A
Satic Concentrated Load	CISCA	1000lb/4.45kn
	PSA MOB PF2	Heavy grade
Ultimate Load	CISCA	14.50kn
Impact Load	CISCA	150lb/68kg
Rolling Load	CISCA	3.56kn at 10passes
		2.67kn at 10,000passes
Uniform Load	CISCA	22.22kn/m2



Products&Spe	Raised Floor Pedestal & Stringer	
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Description	Pedestals and stringers with with zinc galvanizing, connected with screws	
Item	Test Standard	Performance
Axial Load	CISCA	22.5kn



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