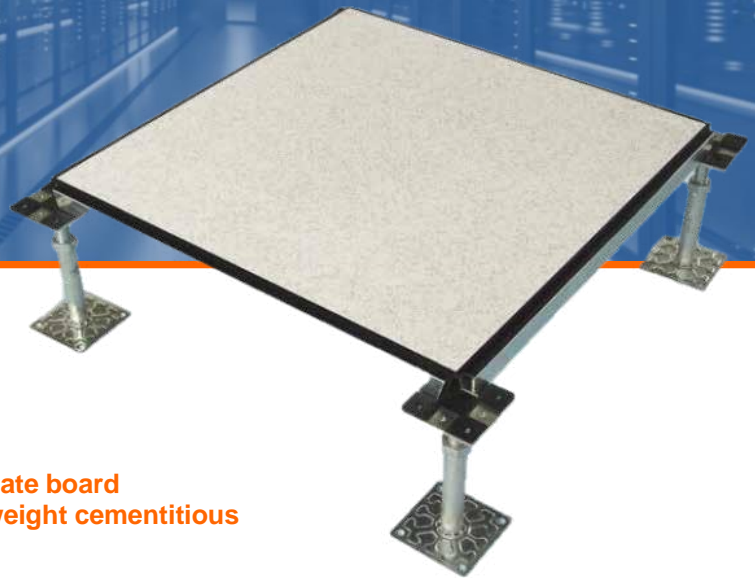


ATP Raised Floor

Designed specifically for computer room.

Excellent rolling load performance



**Technical floor system in high pressure laminate board
HPL/VINYL on steel support filled with Light weight cementitious**

- Designed specifically for computer room & equipment room.
- Lightweight cementations fill makes panel solid and quiet.
- Epoxy paint finish for life time protection.
- Excellent rolling load performance.
- Superior ultimate load performance.
- Completely non-combustible.
- Excellent grounding and electrical continuity.
- All-steel pedestals provide excellent impact load performance



HPL (High Pressure Laminate)



steel support filled with Light weight cementitious

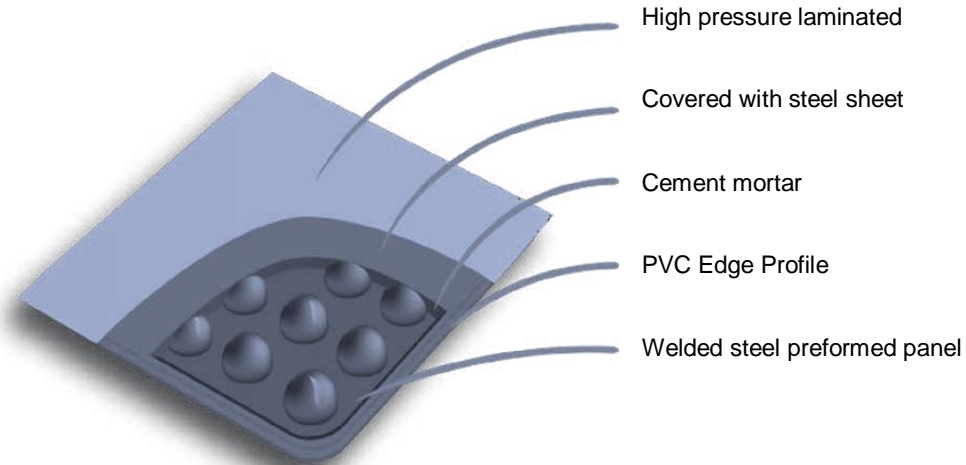


Perforated Panel

(24x24x1.25")

600x600x32mm

Provide optimum laminar airflow, without turbulence Up to 20% airflow rate



Performance characteristics

Panel	Size	Loading Performance							
		Concentrated		Uniform		Ultimate		Impact	
	MM	LBS	N	LBS/FT ²	N/M ²	LBS	N	LBS	N
FS800H	600x600x32	800	3560	355	1700	2400	10700	180	800
FS1250-H32	600x600x32	1250	5563	689	3300	3750	16700	180	800

Outstanding features

- Designed specifically for computer room. Excellent rolling load performance.
- Superior ultimate load performance. Interchangeable panel strengths.
- Electric deposition cathodic epoxy paint finish for life time protection.
- Completely non-combustible.
- Excellent grounding and electrical continuity.
- Class A flame spread and smoke development rating.
- All-steel pedestals provide excellent impact load performance. Wide range of finishes available.
- Corner Lock System (600mm x 600mm) Designed for traditional office building.
- Engineered positive engagement between panel and pedestal.
- Easy and quick accessibility. User friendly.
- Excellent seismic proof performance.
- Bolted Stringer System (600 x 600mm)
- Designed Underfloor Air Distribution office building.
- Customized trapeziform PVC taped stringer provide excellent air Leakage performance.
- Excellent seismic proof performance. Improved static load performance.
- Designer HPL/VINYL LAMITES
- Designer laminates are available any different finishes all which have been thoroughly tested.
- Top Set Trim or Trim less Panels
- Provides a protective edge that is mechanically locked and glued to the panel's surface.
- Conductive & Dissipative HPL/VINYL Tile
- Homogenous solid HPL/VINYL tile with conductive elements is available in many colors and has an electrical resistance range of 2.5×10^4 to 1×10^6 ohms or 1×10^6 to 2×10^{10} ohms (when tested at 20% RH)
- Performance Selection Chart
- Perforated panels provide optimum laminar airflow, without turbulence.
- Optional chamfered perforations provide superior particulate control with up to 20% airflow rate.
- Damper optiona

Technical specification

Panel									
ATP800H/1250H Raised Access Floor System									
	Dynamic Load	Concentrated Load	Impact Load	Safety Factor	Uniform Load	Under Structure	FFH	Fire Protection	General Construction
FS800H	3KN	3.6KN	50KN	3	12KN/m ²	Bolted Stringer Corner Lock	To 1200 mm to 600 mm	Non-combustible	Cementitious Infill Steel Panel
	Dimensions			Panel Weight		System weight		Dimension Tolerance	
	600 x 600 x 35 mm			15 kg/ unit		40 kg ²		+/- 0,2 mm	
FS1250H32	Dynamic Load	Concentrated Load	Impact Load	Safety Factor	Uniform Load	Under Structure	FFH	KN	General Construction
	5.5KN	5.5KN	60KN	3	30 KN/m ²	Bolted Stringer Corner Lock	To 1200 mm to 600 mm	Non Combustible	Cementitious Infill Steel Panel
	Dimensions			Panel Weight		System Weight		Dimension Tolerance	
600 x 600 x 32 mm			16,5 kg/ unit		44 kg ²		+/- 0,2 mm		

Technical specifications HPL (High Pressure Laminate)

High Pressure Laminate with a very tough surface, particularly suitable for raised access flooring system Antistatic HPL Technical Information		
Product grades A4 + 400 revs A10 + 1000 revs A30 + 3000 revs Color Pattern 2010 2010-6 2103 2158 2069 2208 Thickness available 1.0 mm 1.2 mm 1.5 mm Electrical resistance Antistatic: $1 \times 10^8 \sim 1 \times 10^{11}$ Dissipating: $1 \times 10^6 \sim 1 \times 10^7$	Abrasion resistance EN438/2.6	400 revs. 1000 revs. 3000 revs.
	Dry heat resistance EN438/2.8	OK
	Impact resistance - small diameter sphere EN438/2.11	20 N
	Stain resistance EN438/2.18	OK degree no important alteration
	Resistance to cigarettes EN438/2.18	OK, no important alteration
	Electrical resistance NFPA 99	antistatic $1 \times 10^8 \sim 1 \times 10^{11}$ Ohms dissipating $1 \times 10^6 \sim 1 \times 10^7$ Ohms
	Resistance to immersion in hot water EN438/2.7	6%
	Dimensional stability at high temperatures EN438/2.9	0.5 L 1.0 T %
	Scratch resistance EN438/2.14	2,5 N
	Color fastness under light EN438/2.16	6 degree
	Resistance to steam EN438/2.24	OK, no important alteration
	Density DIN 53 479	1400 Kg/m ³

High-pressure lamination

HPL is considered one of the most durable decorative surface materials and is available with special performance properties, including chemical, fire, and wear resistance.

All-steel pedestals provide excellent impact load performance



Corner Lock System for Bare Finished Hollow Steel Access Floor System --- Pedestal

Pedestal No.	Pedestal Height (mm)	Horizontal Load (Kg)	Vertical Load (18KN)	Pedestal Head	Pedestal Tube	Pedestal Base
FS-B- PST80	80 ± 20	50	Did not collapse	□85mm cruciform	Φ 20mm × 2mm thick	□100mm × 2.5mm thick
FS-B- PST100	100 ± 20	50	Did not collapse	□85mm cruciform	Φ 20mm × 2mm thick	□100mm × 2.5mm thick
FS-B- PST150	150 ± 25	50	Did not collapse	□85mm cruciform	Φ 20mm × 2mm thick	□100mm × 2.5mm thick
FS-B- PST200	200 ± 25	50	Did not collapse	□85mm cruciform	Φ 20mm × 2mm thick	□100mm × 2.5mm thick
FS-B- PST250	250 ± 25	50	Did not collapse	□85mm cruciform	Φ 20mm × 2mm thick	□100mm × 2.5mm thick
FS-B- PST300	300 ± 25	50	Did not collapse	□85mm cruciform	Φ 24mm × 2mm thick	□100mm × 2.5mm thick
FS-B- PST350	350 ± 25	50	Did not collapse	□85mm cruciform	Φ 24mm × 2mm thick	□100mm × 2.5mm thick
FS-B- PST400	400 ± 25	50	Did not collapse	□85mm cruciform	Φ 24mm × 2mm thick	□100mm × 2.5mm thick
FS-B- PST450	450 ± 25	50	Did not collapse	□85mm cruciform	Φ 24mm × 2mm thick	□100mm × 2.5mm thick
FS-B- PST500	500 ± 25	50	Did not collapse	□85mm cruciform	Φ 31mm × 2.5mm thick	□125mm × 4.0mm thick
FS-B- PST550	550 ± 25	50	Did not collapse	□85mm cruciform	Φ 31mm × 2.5mm thick	□125mm × 4.0mm thick
FS-B- PST600	600 ± 25	50	Did not collapse	□85mm cruciform	Φ 31mm × 2.5mm thick	□125mm × 4.0mm thick
FS-B- PST650	650 ± 25	50	Did not collapse	□85mm cruciform	Φ 31mm × 2.5mm thick	□125mm × 4.0mm thick
FS-B- PST700	700 ± 25	50	Did not collapse	□85mm cruciform	Φ 31mm × 2.5mm thick	□125mm × 4.0mm thick
FS-B- PST750	750 ± 25	50	Did not collapse	□85mm cruciform	Φ 31mm × 2.5mm thick	□125mm × 4.0mm thick
FS-B- PST800	800 ± 25	50	Did not collapse	□85mm cruciform	Φ 31mm × 2.5mm thick	□125mm × 4.0mm thick

Bolted Stringer System for Bare Finished Cementitious Infill Steel Access Floor System Pedestal/Stringer

Pedestal No.	Pedestal Height (mm)	Horizontal Load (Kg)	Vertical Load (18 KN)	Pedestal Head	Pedestal Tube	Pedestal Base
FS-L- PST80	80 ± 20	50	Did not collapse	□85mm x 4mm flat	Φ 24mm × 2mm thick	□100mm × 2.5mm thick
FS-L- PST100	100 ± 20	50	Did not collapse	□85mm x 4mm flat	Φ 24mm × 2mm thick	□100mm × 2.5mm thick
FS-L- PST150	150 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 24mm × 2mm thick	□100mm × 2.5mm thick
FS-L- PST200	200 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 24mm × 2mm thick	□100mm × 2.5mm thick
FS-L- PST250	250 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 24mm × 2mm thick	□100mm × 2.5mm thick
FS-L- PST300	300 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 24mm × 2mm thick	□100mm × 2.5mm thick
FS-L- PST350	350 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 24mm × 2mm thick	□100mm × 2.5mm thick
FS-L- PST400	400 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 24mm × 2mm thick	□100mm × 2.5mm thick
FS-L- PST450	450 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm × 2.5mm thick	□125mm × 4.0mm thick
FS-L- PST500	500 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm × 2.5mm thick	□125mm × 4.0mm thick

Pedestal No.	Pedestal Height (mm)	Horizontal Load (Kg)	/ Vertical Load (18 KN)	Pedestal Head	Pedestal Tube	Pedestal Base
FS-L- PST550	550 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□125mm × 4.0mm thick
FS-L- PST600	600 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□125mm × 4.0mm thick
FS-L- PST650	650 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□125mm × 4.0mm thick
FS-L- PST700	700 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□125mm × 4.0mm thick
FS-L- PST750	750 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□125mm × 4.0mm thick
FS-L- PST800	800 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□125mm × 4.0mm thick
FS-L- PST850	850 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□150mm × 5.0mm thick
FS-L- PST900	900 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□150mm × 5.0mm thick
FS-L- PST950	950 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□150mm × 5.0mm thick
FS-L- PST1000	1000 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□150mm × 5.0mm thick
FS-L- PST1050	1050 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□150mm × 5.0mm thick
FS-L- PST1100	1100 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□150mm × 5.0mm thick
FS-L- PST1150	1150 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□150mm × 5.0mm thick
FS-L- PST1200	1200 ± 25	50	Did not collapse	□85mm x 4mm flat	Φ 31mm ×2.5mm thick	□150mm × 5.0mm thick
Stringer No.	Stringer Length	Vertical Load (150Kg)		Tube Thick	Tube	
FS-STG	575 mm	Did not collapse		1.0 mm	□30 × 21 mm	

