

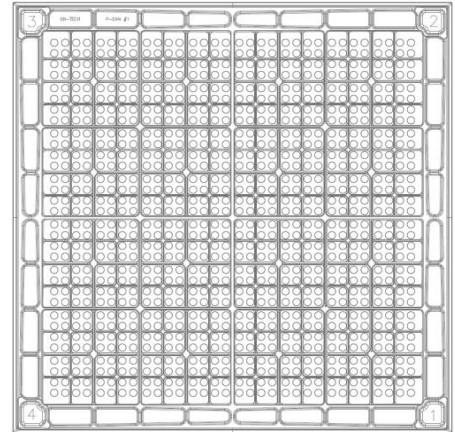
TECHNICAL DATA

Aluminum die casted products with strength, precision and durability for customer satisfaction.

Designed Load for 1000kgf Perforated panel

Features ;

- Made with Class A1 building material (incombustible)
- Advanced load endurance capacity
- Satisfies air flow requirements in both computer and cleanroom environments
- Excellent electrostatic discharge
- Excellent processability
- Various options of finishing materials
- Interchangeable with solid and grating panels
- Semi-permanent usage through recycling.



Design Load - 1000kgf

PHYSICAL PROPERTES			
Model No.		P-A4N	
Panel Type		Perforated (Punching)	
Size		600.00mm x 600.00mm	
Thickness		t48.00 ~ t49.00mm (t50.00 ~ t51.00mm including 2.0mm tile)	
Material of Bare Panel		Aluminum die casted (ALDC 12.1-Korean, D12S-Japanese Standard)	
Weight		Approx. 10.50kgs	
Tolerance <small>(Measured at 22±1 degree)</small>	Size(600mm)	+0.00mm to − 0.25mm	
	Flatness	≤0.50mm@Edge and Diagonal	
	Squareness	≤0.50mm difference between opposite diagonal dimensions	
	Thickness	±0.20mm	
Finishing Materials	Material of Floor Tile	Electrostatic Conductive & Static Dissipative PVC vinyl Tile	
	Tile (ESD)	(EC)10^4 to 10^6 ohms(Ω) (SD)10^6 to 10^8 ohms(Ω)	
	Tile Maker	FORBO(t2.0mm) , LG(t2.0mm & t3.0mm), ESD Tiles	
	Epoxy coat, Ni-Ch Plate	Option	
Electrical Resistance		Raised Floor surface to ground shall be between 1M ohms(Ω)	
Corner Lock system		Option	
LOAD BEARING CAPACITIES			
Concentrated Load	@ center point	Min. 1,000kg(10.0KN)	Avg. 1,200kg(12.0KN)
	@ 1/2 center edge		Avg. 1,100kg(11.00KN)
		Permanent deformation	0.5mm Maximum Deflection at Design Load
Rolling Load		Min. 0.25mm after 10,000passes / Imposed load 454kg(1000lbs), 6"diameterx1.5"width wheel	
Uniform Load		2,690kgf/sq.meter with maximum 1.0mm deflection	
Ultimate Load	@ center point	Min. 2,200kg(22.0KN)	Avg. 2,500kg(25.0KN)
	@ 1/2 center edge		Avg. 2,400kg(24.0KN)
Air Opening		18%, 20%, 22% (1,024 Chamfered holes)	

* Specification shall be changed for quality Improvement.

