RhinoFLOR®

Chipboard Core Panel

RSP 800F/1000F

Airflow Panel

RhinoFLOR® Airflow panels are manufactured from structural steel technology makes the size and thickness same as RhinoFLOR® panels but light weight. The top surface of the panel is laminated with anti-static HPL or conductive vinyl tiles with numbers of different airflow rates, this resistance welded all-steel panels are the premier choice for computer rooms and data centers.

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Strive for perfection!

Panel

1 Airflow Rates
Rates: 15%, 20%, 25%, 30%
35%, 45%, 50%, 65%

2 Bottom Structure
Thickness: 2.0mm
Material: Steel rectangular tube welded

3 Top Layer
Thickness: 2.0 /2.5 mm
Material: Cold rolled steel sheet

4 Finish
Thickness: Various
Material: Bare, Anti-static HPL,
Conductive Vinyl

Description

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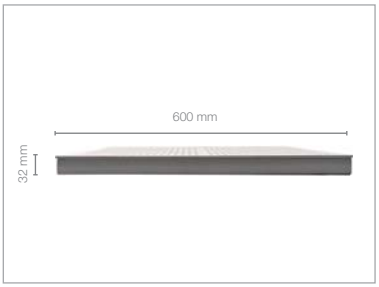
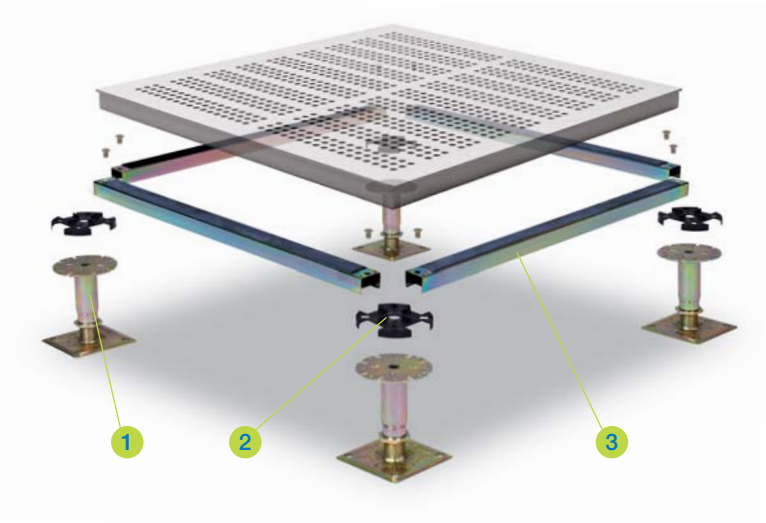
Features

- All-steel structural design
- 90% recyclable
- Light weight easy install and removal
- Powder-coated, protective epoxy finish
- Fully interchangeable with other EU panels



Panel Type	Panel Size	Top Steel Sheet	Panel Construction	Panel Thickness (Nominal)	System Weight (Typical)
RSP 800F	600 mm square	2.00 mm	Cold rollded steel welded	32.00 mm	31.00 kg/m²
RSP 1000F	600 mm square	2.50 mm	Cold rollded steel welded	32.00 mm	34.00 kg/m²

System



1 Standard Pedestal
Electro-galvanized steel made pedestal is suitable for raised floors with a finished floor height from100mm to 1800mm. Zinc whisker free is available for special order.
Material: Steel, Yellow Galvanized.

2 Head Gasket
Plastic conductive material with sound proofing and sealing functions, equipped with tabs for the positioning of panels.
Thickness: 2.0mm

3 Stringer
Steel tube performed stringer with plastic gasket on top provide best supports to the structural system with limited air leakage and outstanding acoustic performance.
Dimension: 537mm x 30mm x 20mm
Thickness: 0.8/1.0/1.2mm

Pedestal

1 Head Assembly
Head plate: Ø90mm × 3.0mm
Head tube: Ø32mm × 2.0mm

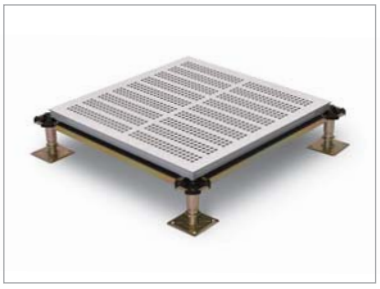
2 Base Assembly
Base tube: Ø25mm × 2.5mm
Base Plate: 100mm × 100mm × 2.5mm

3 FFH (Finished Floor Height)
100mm to 1800mm

4 Adjusting Range
+/- 30mm

Performance

- This rigid grid system is tested in accordance with PSA MOB PS/SPU specification.
- Panel deflection at centre edge must not exceed 2.5mm
- Performance to a safety factor of 3 x static load
- Structural performance based upon a full Rhino access floors system i.e. panels & pedestals.



Panel Type	Panel Grade	Concentrated Load		Uniformly Distribution Load	Ultmiate Load
		Point Load	Load Over		
		25mm × 25mm square	300mm × 300mm square		
RSP 800F	Medium Duty	3.00 kN	4.50 kN	8.00 kN/m²	9.00 kN
RSP 1000F	Heavy Duty	4.50 kN	5.56 kN	12.00 kN/m²	13.50 kN

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