



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.

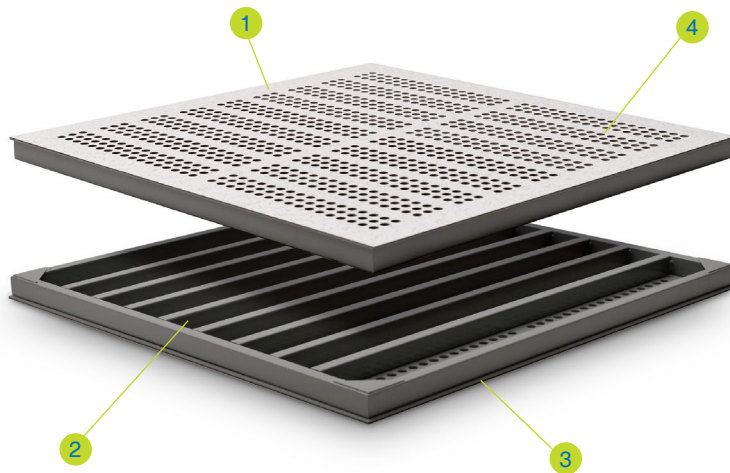
RHINO®
Strive for perfection!

Technical Data Sheet

RhinoFLOR® Airflow



Panel



1 Airflow Rates

Rates: 20%, 25%, 30%
35%, 45%, 50%

2 Bottom Structure

Thickness: 2.0mm
Material: Steel rectangular tube welded

3 Top Layer

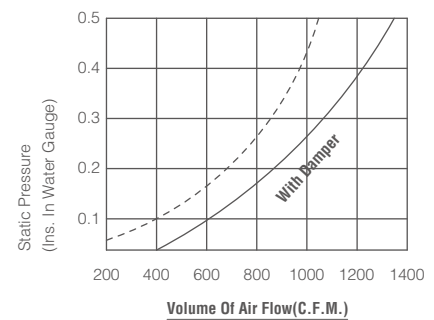
Thickness: 2.0 / 2.5 mm
Material: Cold rolled steel sheet

4 Finish

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

Description

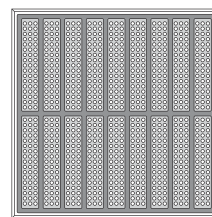
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Features

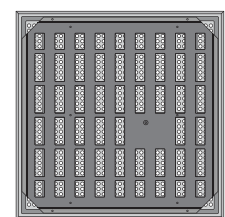
- All-steel structural design
- 90% recyclable
- Light weight easy install and removal
- Powder-coated, protective epoxy finish
- Fully interchangeable with other EU panels

Without Damper



Recommended open rates:
20%; 25%; 30%

With Damper



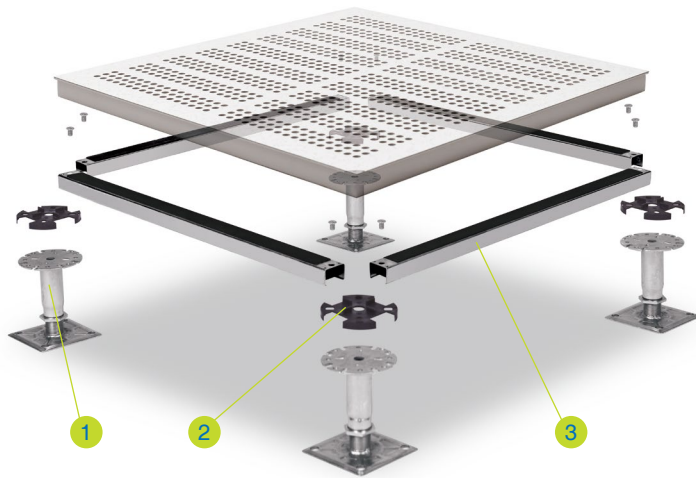
Recommended open rates:
35%; 45%; 50%

Panel Type	Panel Size	Top Steel Sheet	Panel Construction	Panel Thickness (Nominal)	System Weight (typical)
RSP 800F	600 mm square	2.00 mm	Cold rolled steel welded	32.00 mm	31.00 kg/m ²
RSP 1000F	600 mm square	2.50 mm	Cold rolled steel welded	40.00 mm	34.00 kg/m ²

Technical Data Sheet

RhinoFLOR® Airflow

System



1 Standard Pedestal

Electro-galvanized steel made pedestal is suitable for raised floors with a finished floor height from 100mm to 1800mm. Zinc whisker free is available for special order.
Material: Steel, Yellow Galvanized.

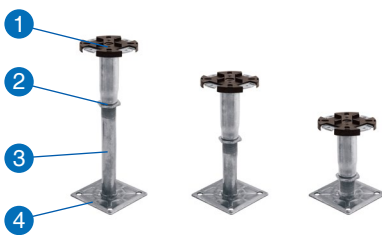
2 Head Gasket

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 x 3.0mm
Head tube: Ø32mm x 2.0mm

2 Adjusting Nut

M24 with vibration proofing locking device

3 Base Tube

Ø25mm x 2.5mm

4 Base Plate

□100mm x 2.5mm

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	Ultimate Load
		Point Load	Load Over		
		25mm x 25mm square	300mm x 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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