



RhinoEU®
Calcium Sulphate Panel



RSP 800/1000

Airflow Panel

RhinoEU® Airflow panels are manufactured from structural steel technology makes the size and thickness same as EU 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.

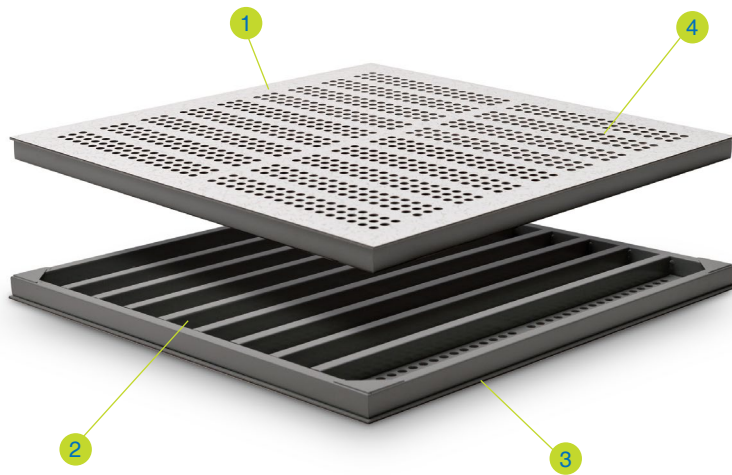
RHINO®
Strive for perfection!

Technical Data Sheet

RhinoEU® Airflow



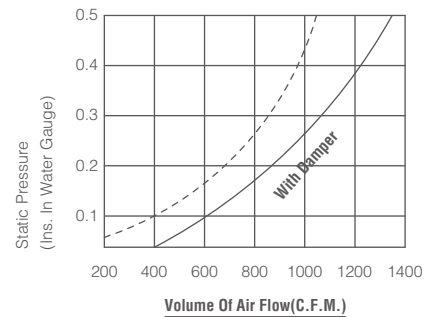
Panel



- 1 Aiflow Rates**
Rates: 20%, 25%, 30%
35%, 45%, 55%
- 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

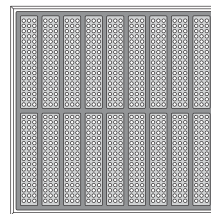
RhinoEU® Airflow panels are manufactured from structural steel technology makes the size and thickness same as EU panels but light weight. The top surface of the panel is laminated with anti-static HPL or conductive vinyl tiles with numbers of different airflow rates, this resistance welded all-steel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



Features

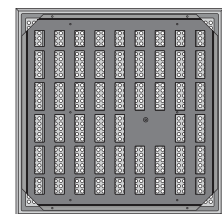
- All-steel structural design
- 90% recyclable
- Light weight easy install and removal
- Powder-coated, protective epoxy finish
- Fully interchangeable with other EU panels

Without Damper



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

With Damper



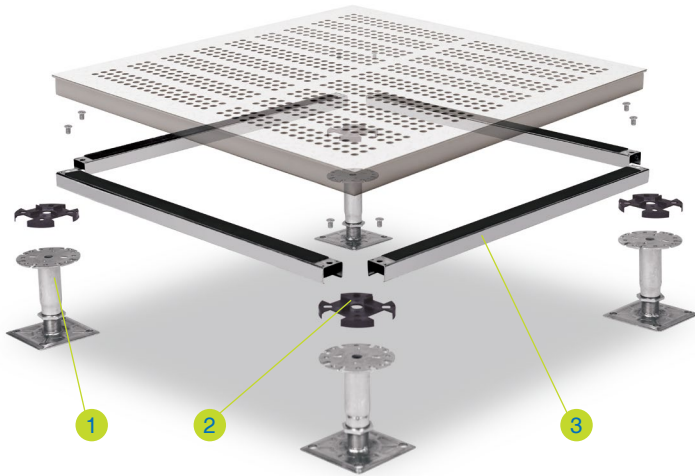
Recommended open rates:
35%; 45%; 50%

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

Technical Data Sheet

RhinoEU® 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.

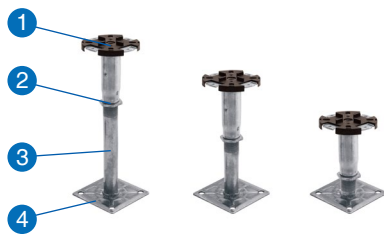
2 Head Gasket

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: $\varnothing 90\text{mm} \times 3.0\text{mm}$
Head tube: $\varnothing 32\text{mm} \times 2.0\text{mm}$

2 Adjusting Nut

M24 with vibration proofing locking device

3 Base Tube

$\varnothing 25\text{mm} \times 2.5\text{mm}$

4 Base Plate

$\square 100\text{mm} \times 2.5\text{mm}$

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 (Safety Factor 3.0)
		Point Load	Load Over		
		25mm x 25mm square	300mm x 300mm square		
RSP 800	Medium Duty	3.00 kN	4.50 kN	8.00 kN/m ²	9.00 kN
RSP 1000	Heavy Duty	4.50 kN	5.56 kN	12.00 kN/m ²	13.50 kN

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