



RhinoEU®  
Calcium Sulphate Panel



## RSP 800EU/1000EU Airflow Panel

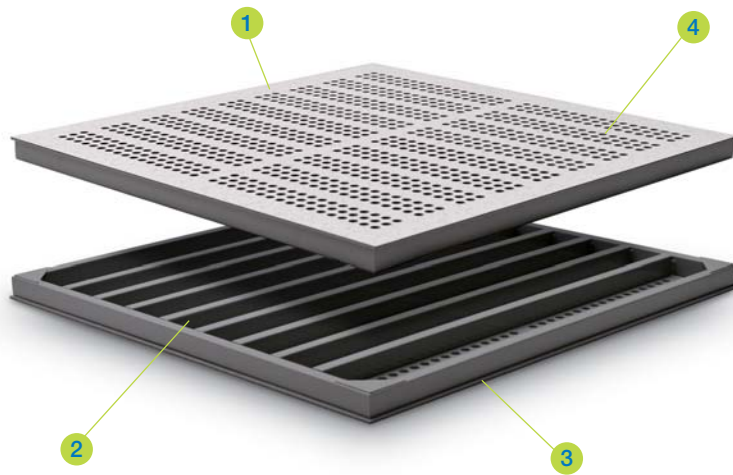
RhinoEU® Airflow panels are manufactured from structural steel technology makes the size and thickness same as EU panels but light weight. The top surface of the panel is laminated with anti-static HPL or conductive vinyl tiles with numbers of different airflow rates, this resistance welded all-steel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

**RHINO®**  
Strive for perfection!

# Product Ranges

RhinoEU® Airflow

## Panel



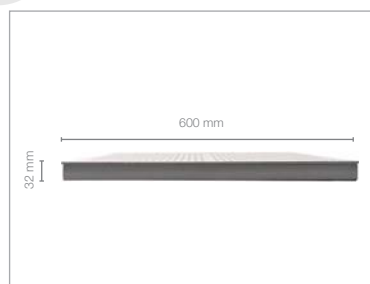
- 1 Airflow Rates**  
Rates: 20%; 25%; 30%; 36%; 45%
- 2 Bottom Structure**  
Thickness: 2.0mm  
Material: Steel rectangular tube welded
- 3 Top Layer**  
Thickness: 2.0mm  
Material: Cold rolled steel sheet
- 4 Finish**  
Thickness: Various  
Material: Bare, Anti-static HPL, Conductive Vinyl

## 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 are the premier choice for computer rooms and data centers.

## Features

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

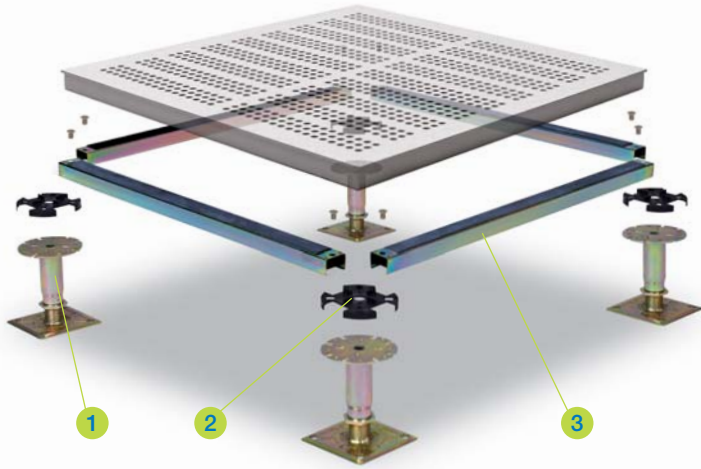


Panel Type	Panel Size	Top Steel Sheet	Panel Construction	Panel Thickness (Nominal)	System Weight (Typical)
RSP 800EU	600 mm square	2.00 mm	Cold rolled steel welded	32.00 mm	31.07 kg/m <sup>2</sup>
RSP 1000EU	600 mm square	2.00 mm	Cold rolled steel welded	32.00 mm	33.85 kg/m <sup>2</sup>

# Product Ranges

RhinoEU® Airflow

## System



### 1 Standard Pedestal

Electro-galvanized steel made pedestal is suitable for raised floors with a finished floor height from 100mm to 600mm.

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

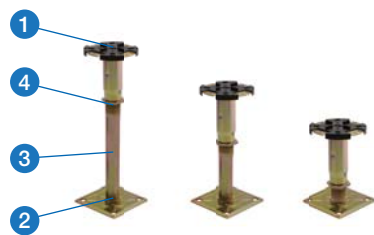
### 3 Stringer

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 Base Assembly

Base tube:  $\varnothing 25\text{mm} \times 2.5\text{mm}$   
Base Plate:  $100\text{mm} \times 100\text{mm} \times 2.5\text{mm}$

### 3 FFH (Finished Floor Height)

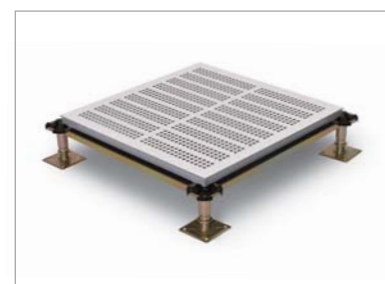
100mm to 600mm

### 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	Ultimate Load
		Point Load	Load Over		
		25mm x 25mm square	300mm x 300mm square		
RSP 800EU	Medium Duty	3.00 kN	4.50 kN	8.00 kN/m <sup>2</sup>	9.00 kN
RSP 1000EU	Heavy Duty	4.50 kN	N/A	12.00 kN/m <sup>2</sup>	13.50 kN

RHINO PROPERTY

**RHINO**<sup>®</sup>

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