



RhinoEU®  
Calcium Sulphate Panel

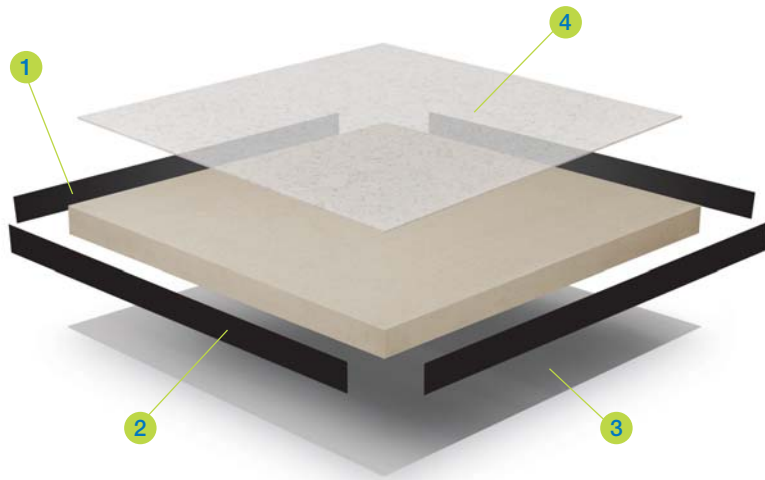


## EU 800C/1000C Covered Panel

RhinoEU® Covered panels are manufactured from a high density of calcium sulphate (approx. 1,650 kg/m<sup>3</sup>) non-toxic and non-combustible material. The top surface of the core is laminated with Anti-static High Pressure Laminate (HPL) or Conductive Vinyl (PVC) tiles and the base surface is laminated with galvanized steel sheet. The panel edges are then laminated with an ABS/PVC edge band which provides protection to the calcium sulphate core.

**RHINO**®  
*Strive for perfection!*

## Panel



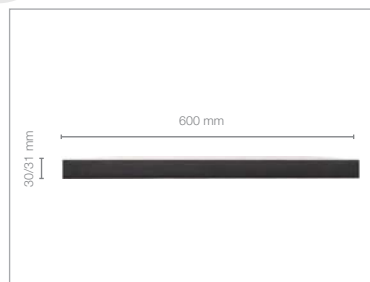
- 1 Calcium Sulphate Core**  
Thickness: 30mm  
Material: Calcium sulphate  
(approx. 1,650kg/m<sup>3</sup>)
- 2 Edge Band**  
Thickness: 0.5mm  
Material: Conductive PVC/ABS
- 3 Under Layer**  
Thickness: 0.3/0.4/0.5mm  
Material: Galvanized steel sheet
- 4 Top Layer**  
Thickness: Various  
Material: HPL/PVC

## Description

RhinoEU® HPL/PVC finish panels are manufactured from a high density of calcium sulphate (approx. 1,650 kg/m<sup>3</sup>) non-toxic and non-combustible material. The top surface of the core is laminated with Anti-static High Pressure Laminate (HPL) or Conductive Vinyl (PVC) tiles and the base surface is laminated with galvanized steel sheet. The panel edges are then laminated with an ABS/PVC edge band which provides protection to the calcium sulphate core.

## Features

- Non-toxic
- Non-combustible
- Impressive acoustic performance
- Superb underfoot comfort
- Low air leakage rate
- Wide range of covering options



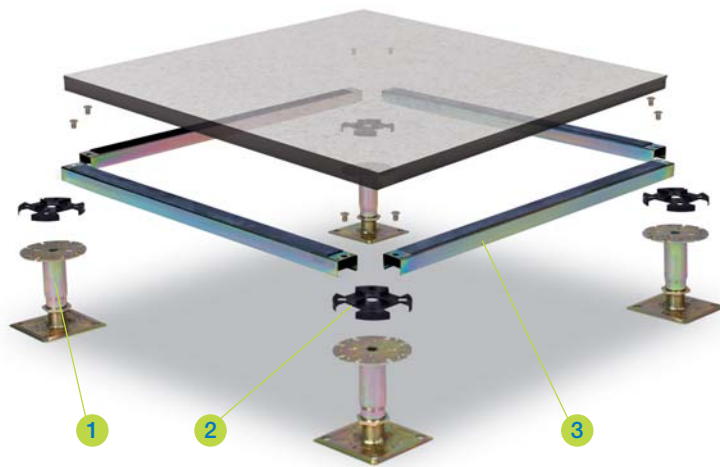
Panel Type	Panel Size	Core Material	Panel Construction	Panel Thickness (Nominal)	System Weight (Typical)
EU 800C	600mm square	Calcium Sulphate	Various finish top & bottom galvanized steel sheet with edge band	30.00 mm	56.12 Kg/m <sup>2</sup>
EU 1000C	600mm square	Calcium Sulphate	Various finish top & bottom galvanized steel sheet with edge band	31.00 mm	58.90 Kg/m <sup>2</sup>



# Product Ranges

RhinoEU® Covered

## 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.

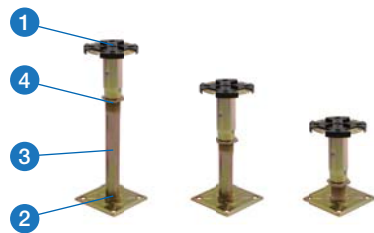
### 2 Head Gasket

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: Ø90mm x 3.0mm  
Head tube: Ø32mm x 2.0mm

### 2 Base Assembly

Base tube: Ø25mm x 2.5mm  
Base Plate: 100mm x 100mm x 2.5mm

### 3 FFH (Finished Floor Height)

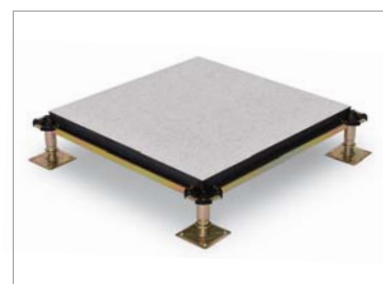
100mm to 600mm

### 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		
EU 800C	Medium Duty	3.00 kN	4.50 kN	8.00 kN/m <sup>2</sup>	9.00 kN
EU 1000C	Heavy Duty	4.50 kN	5.56 kN	12.00 kN/m <sup>2</sup>	13.50 kN

**RHINO**<sup>®</sup>

*Strive for perfection!*

**China Office**

593, Tongjiang Road  
Jintian Plaza 828-830  
Changzhou 213022  
Jiangsu, China

**T/** (86) 519 8988 3171

**F/** (86) 519 8988 3901

**Bangkok Office**

32 Soi Sukhumvit 36 (Napasub)  
Sukhumvit Road, Klongton  
Klongtoey, Bangkok 10110  
Thailand

**T/** (662) 661 2990

**F/** (662) 661 2991

**Hong Kong Office**

7/F, Spa Centre  
No. 53-55 Lockhart Road  
Wai Chai  
Hong Kong

**T/** (852) 2793 5511

**F/** (852) 3590 2333

**Production Unit**

Hengshanqiao  
Wujin District  
Changzhou 213119  
Jiangsu, China

**T/** (86) 519 8860 7959

**F/** (86) 519 8860 5659

[www.RhinoAccessFloors.com](http://www.RhinoAccessFloors.com)