



RhinoEU®  
Calcium Sulphate Panel



## EU 800C/1000C/1250C/1500C Covered Panel

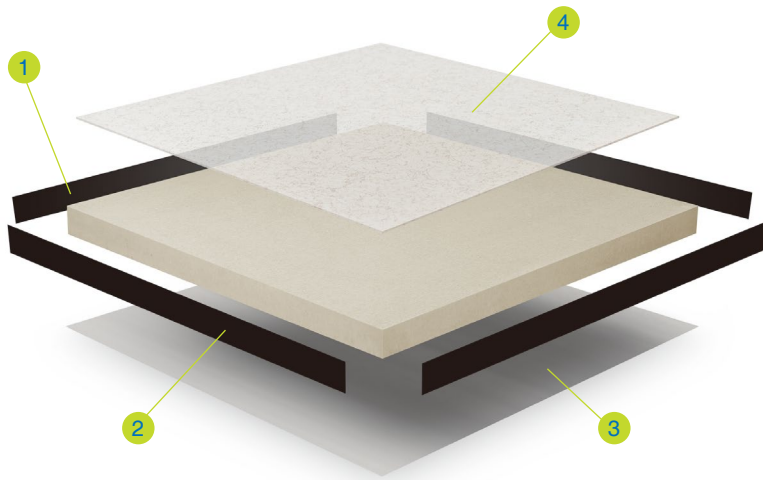
RhinoEU® HPL/PVC finish panels are manufactured from a high density of calcium sulphate (approx. 1,650 kg/m<sup>3</sup>) non-toxic and non-combustible material. The top surface of the core is laminated with Anti-static High Pressure Laminate (HPL) or Conductive Vinyl (PVC) tiles and the base surface 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.

**RHINO**®  
*Strive for perfection!*

# Technical Data Sheet

RhinoEU® Covered

## Panel



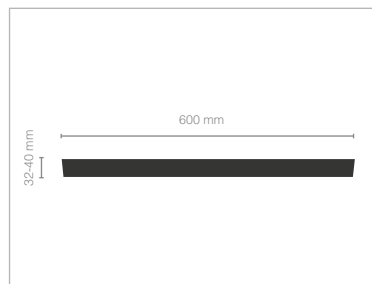
- 1 Calcium Sulphate Core**  
Thickness: 30/34/38mm  
Material: Calcium sulphate  
(approx. 1,650kg/m<sup>3</sup>)
- 2 Edge Band**  
Thickness: 0.5mm  
Material: Conductive PVC/ABS
- 3 Under Layer**  
Thickness: 0.3/0.4/0.5/0.6mm  
Material: Galvanized steel sheet
- 4 Top Layer**  
Thickness: Various  
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

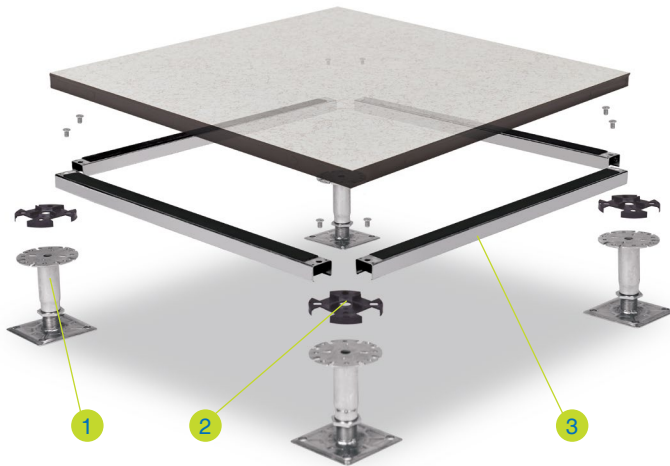
- Non-toxic
- Non-combustible
- Impressive acoustic performance
- Superb underfoot comfort
- Low air leakage rate
- Wide range of covering options



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	32.00 mm	57.00 Kg/m <sup>2</sup>
EU 1000C	600mm square	Calcium Sulphate	Various finish top & bottom galvanized steel sheet with edge band	32.00 mm	59.00 Kg/m <sup>2</sup>
EU 1250C	600mm square	Calcium Sulphate	Various finish top & bottom galvanized steel sheet with edge band	36.00 mm	63.00 Kg/m <sup>2</sup>
EU 1500C	600mm square	Calcium Sulphate	Various finish top & bottom galvanized steel sheet with edge band	40.00 mm	69.00 Kg/m <sup>2</sup>



## System

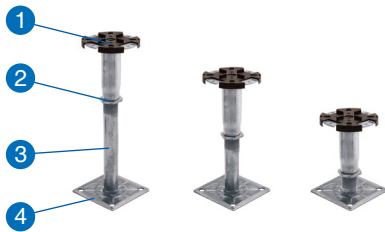


**1 Standard Pedestal**  
Electro-galvanized steel made pedestal is suitable for raised floors with a finished floor height from 100mm to 1800mm. Zinc whisker free is available for special order.  
Material: Steel, Yellow Galvanized.

**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 (Safety Factor 3.0)
		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
EU 1250C	Extra Heavy Duty	5.56 kN	6.67 kN	16.00 kN/m <sup>2</sup>	16.68 kN
EU 1500C	Super Heavy Duty	6.67 kN	8.90 kN	20.00 kN/m <sup>2</sup>	20.01 kN

# **RHINO**<sup>®</sup>

*Strive for perfection!*

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