



RhinoEU®
Calcium Sulphate Panel



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

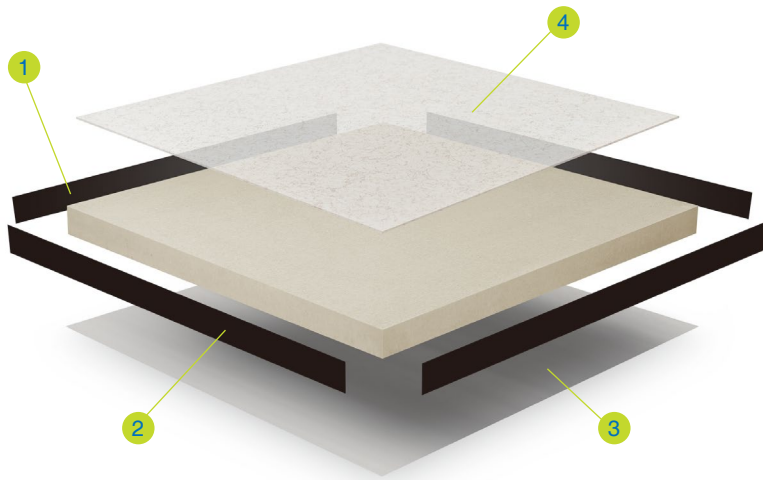
RhinoEU® HPL/PVC finish panels are manufactured from a high density of calcium sulphate (approx. 1,650 kg/m³) non-toxic and non-combustible material. The top surface of the core is laminated with Anti-static High Pressure Laminate (HPL) or Conductive Vinyl (PVC) tiles and the base surface is laminated 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



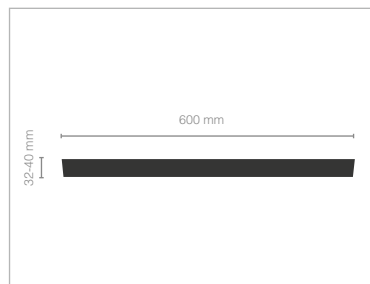
- 1 Calcium Sulphate Core**
Thickness: 30/34/38mm
Material: Calcium sulphate
(approx. 1,650kg/m³)
- 2 Edge Band**
Thickness: 0.5mm
Material: Conductive PVC/ABS
- 3 Under Layer**
Thickness: 0.3/0.4/0.5/0.6mm
Material: Galvanized steel sheet
- 4 Top Layer**
Thickness: Various
Material: HPL/PVC

Description

RhinoEU® HPL/PVC finish panels are manufactured from a high density of calcium sulphate (approx. 1,650 kg/m³) 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.

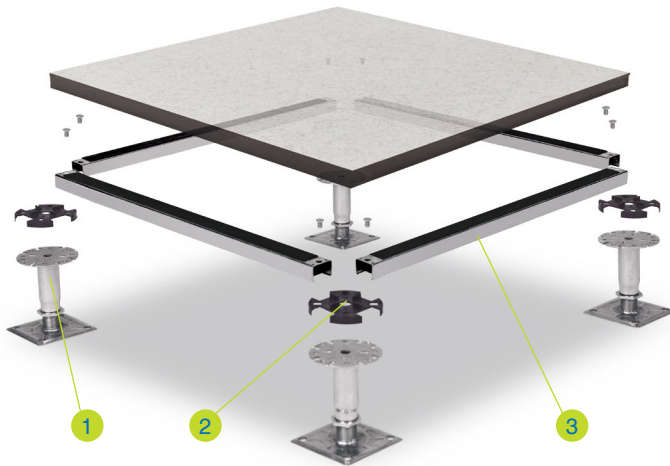
Features

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

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.

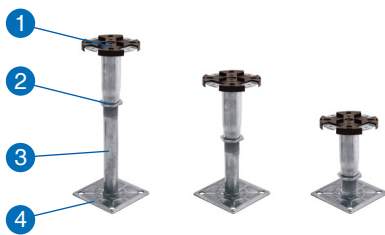
2 Head Gasket

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 ² | 9.00 kN |
| EU 1000C | Heavy Duty | 4.50 kN | 5.56 kN | 12.00 kN/m ² | 13.50 kN |
| EU 1250C | Extra Heavy Duty | 5.56 kN | 6.67 kN | 16.00 kN/m ² | 16.68 kN |
| EU 1500C | Super Heavy Duty | 6.67 kN | 8.90 kN | 20.00 kN/m ² | 20.01 kN |

RHINO[®]

Strive for perfection!

Corporate Headquarters

111 S.K.V. Building, 4th Floor
Soi Sansabai, Klongton
Klongtoey, Bangkok 10110
Thailand

T/ (662) 661 2990

F/ (662) 661 2991

China Office

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

T/ (86) 519 8988 3171

F/ (86) 519 8988 3901

Hong Kong Office

Unit 908, 9/F, LT Tower
31 Chong Yip Street
Kwun Tong, Kowloon
Hong Kong

T/ (852) 2865 6816

F/ (852) 2865 6813

Production Unit

Hengshanqiao
Wujin District
Changzhou 213119
Jiangsu, China

T/ (86) 519 8860 7959

F/ (86) 519 8860 5659

www.RhinoAccessFloors.com