



RhinoEU®

Calcium Sulphate Panel



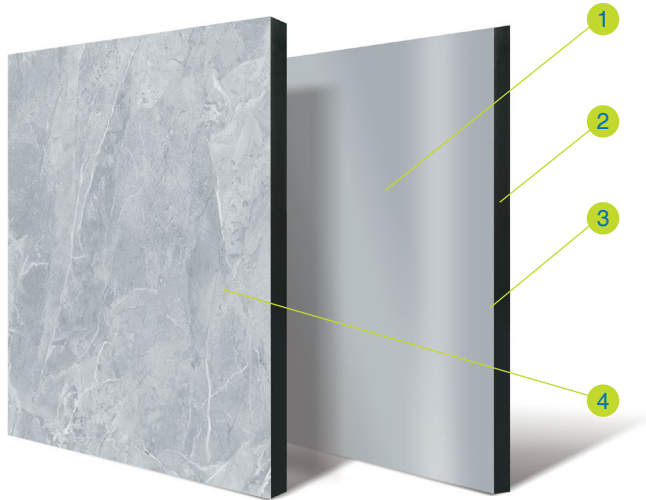
EU 800S/1000S/1250S

Stoneline

RhinoEU® porcelain tile 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 high-end porcelain 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



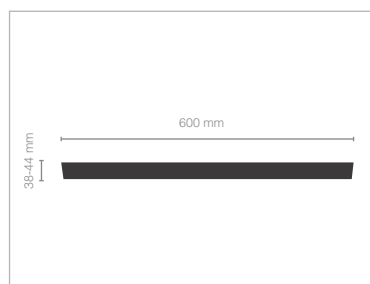
- 1 Calcium Sulphate Core**
 Thickness: 28/30/34 mm
 Material: Calcium sulphate
 (approx. 1,650kg/m³)
- 2 Edge Band**
 Thickness: 0.5 mm
 Material: Conductive PVC/ABS
- 3 Under Layer**
 Thickness: 0.3/0.4/0.5 mm
 Material: Galvanized steel sheet
- 4 Top Layer**
 Thickness: 10mm (nominal)
 Material: Porcelain tiles
 Ceramic tiles
 Marble and stones

Description

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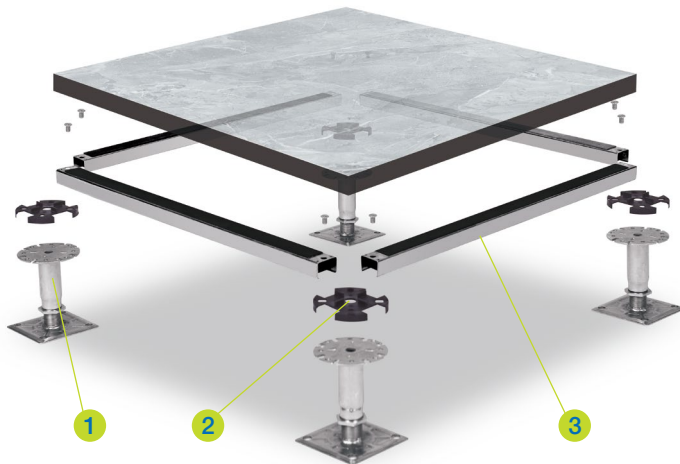
Features

- 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 800S	600mm square	Calcium Sulphate	Various finish top & bottom galvanized steel sheet with edge band	38.00 mm	72.00 Kg/m ²
EU 1000S	600mm square	Calcium Sulphate	Various finish top & bottom galvanized steel sheet with edge band	40.00 mm	75.00 Kg/m ²
EU 1250S	600mm square	Calcium Sulphate	Various finish top & bottom galvanized steel sheet with edge band	44.00 mm	78.00 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.

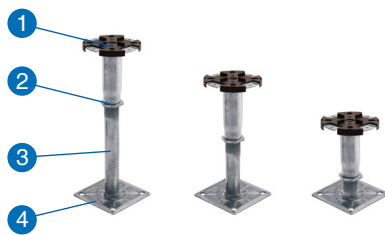
2 Head Gasket

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
		Point Load	Load Over		
		25mm x 25mm square	300mm x 300mm square		
EU 800S	Medium Duty	3.00 kN	4.50 kN	8.00 kN/m ²	9.00 kN
EU 1000S	Heavy Duty	4.50 kN	5.56 kN	12.00 kN/m ²	13.50 kN
EU 1250S	Extra Heavy Duty	5.56 kN	6.67 kN	16.00 kN/m ²	16.68 kN

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