



RhinoEU®

Calcium Sulphate Panel



EU 800F/1000F/1250F

Full Encapsulated Panel

RhinoEU® Full-encapsulated panels are manufactured from a high density of calcium sulphate (approx. 1,650 kg/m³) non-toxic and non-combustible material. The design incorporates a unique wrap around construction which makes panel removal and replacement easily. This design provides more strength on edges.

RHINO®
Strive for perfection!

Technical Data Sheet

RhinoEU® Encapsulated



Panel



1 Top Layer

Thickness: 0.3/0.4/0.5 mm

Material: Galvanized steel sheet

2 Edge

Construction: Unique wrapped around construction

3 Under Layer

Thickness: 0.3/0.4/0.5 mm

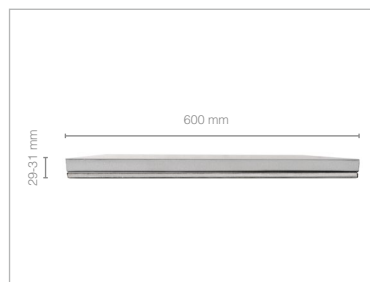
Material: Galvanized steel sheet

Description

RhinoEU® Full-encapsulated panels are manufactured from a high density of calcium sulphate (approx. 1,650 kg/m³) non-toxic and non-combustible material. The design incorporates a unique wrap around construction which makes panel removal and replacement easily. This design provides more strength on edges.

Features

- Non-toxic
- Non-combustible
- Impressive acoustic performance
- Superb underfoot comfort
- High load capacity
- Low air leakage rate

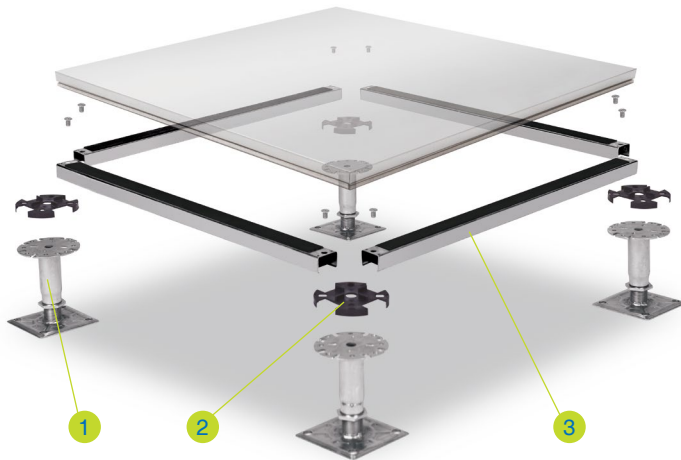


Panel Type	Panel Size	Core Material	Panel Construction	Panel Thickness (Nominal)	System Weight (Typical)
EU 800F	600 mm square	Calcium Sulphate	Galvanized steel full-encapsulated	29.00 mm	56.00 Kg/m ²
EU 1000F	600 mm square	Calcium Sulphate	Galvanized steel full-encapsulated	30.00 mm	59.00 Kg/m ²
EU 1250F	600 mm square	Calcium Sulphate	Galvanized steel full-encapsulated	31.00 mm	62.00 Kg/m ²

Technical Data Sheet

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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.

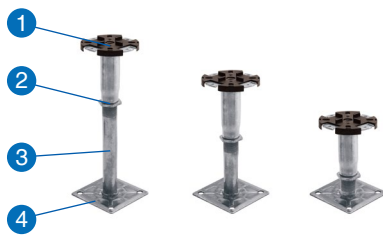
2 Head Gasket

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 800F	Medium Duty	3.00 kN	4.50 kN	8.00 kN/m ²	9.00 kN
EU 1000F	Heavy Duty	4.50 kN	5.56 kN	12.00 kN/m ²	13.50 kN
EU 1250F	Extra Heavy Duty	5.56 kN	6.67 kN	16.00 kN/m ²	16.68 kN

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