



RhinoFLOR®
Chipboard Core Panel



F 25F/28F Full Encapsulated Panel

RhinoFLOR® Full-encapsulated panels are manufactured from chipboard core (approx. 680 kg/m³) non-toxic and light weight 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

RhinoFLOR® 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

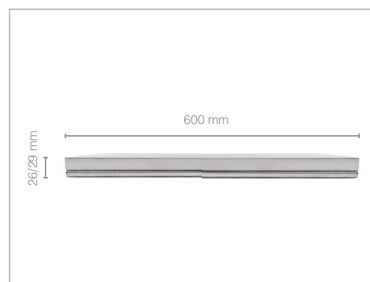
Thickness: 0.3 / 0.4 / 0.5 mm
Material: Galvanized steel sheet

Description

RhinoFLOR® Full-encapsulated panels are manufactured from chipboard core (approx. 680 kg/m³) non-toxic and light weight 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

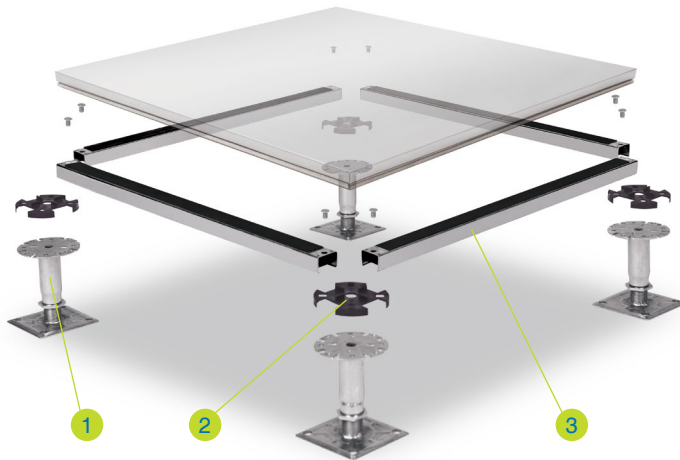


Panel Type	Panel Size	Core Material	Panel Construction	Panel Thickness (Nominal)	System Weight (Typical)
F 25F	600 mm square	Chipboard	Galvanized steel full-encapsulated	26.00 mm	23.00 Kg/m ²
F 28F	600 mm square	Chipboard	Galvanized steel full-encapsulated	29.00 mm	25.00 Kg/m ²

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RhinoFLOR® Encapsulated

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.

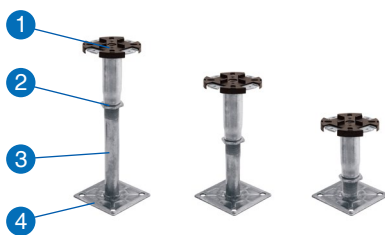
2 Head Gasket

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: $\varnothing 90\text{mm} \times 3.0\text{mm}$
Head tube: $\varnothing 32\text{mm} \times 2.0\text{mm}$

2 Adjusting Nut

M24 with vibration proofing locking device

3 Base Tube

$\varnothing 25\text{mm} \times 2.5\text{mm}$

4 Base Plate

$\square 100\text{mm} \times 2.5\text{mm}$

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		
F 25F	Medium Duty	3.00 kN	4.50 kN	8.00 kN/m ²	9.00 kN
F 28F	Heavy Duty	4.50 kN	5.56 kN	12.00 kN/m ²	13.50 kN

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