



RhinoFLOR®
Chipboard Core Panel



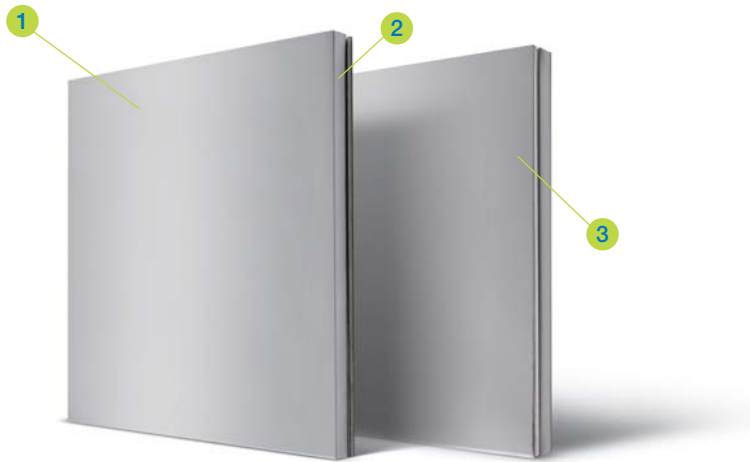
F 25F/28F

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.

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Panel



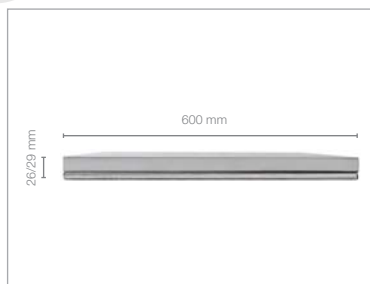
- 1 Top Layer**
Thickness: 0.3 / 0.4 / 0.5 mm
Material: Galvanized steel sheet
- 2 Edge**
Construction: Unique wrapped around construction
- 3 Under Layer**
Thickness: 0.3 / 0.4 / 0.5 mm
Material: Galvanized steel sheet

Description

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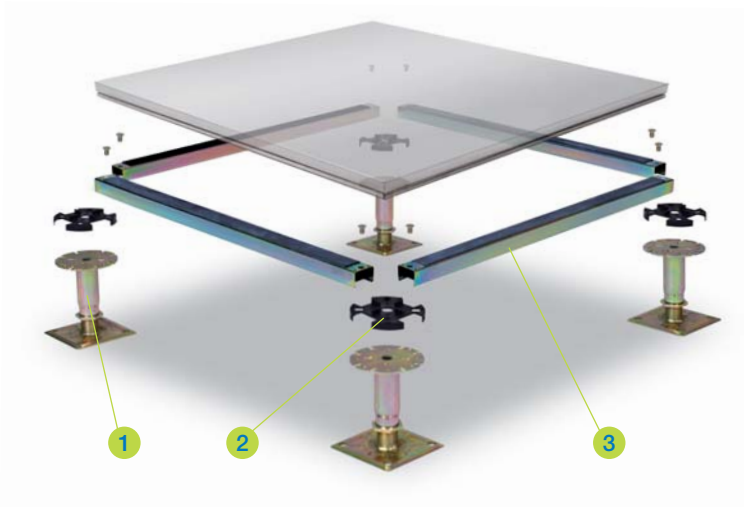
Features

- 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 ³
F 28F	600 mm square	Chipboard	Galvanized steel full-encapsulated	29.00 mm	25.00 Kg/m ³

System

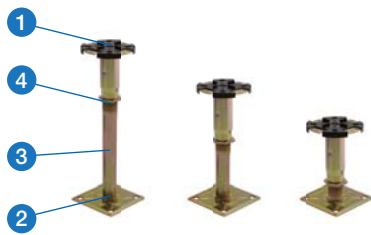


1 Standard Pedestal
Electro-galvanized steel made pedestal is suitable for raised floors with a finished floor height from 100mm to 600mm. Zinc whisker free is available for special order.
Material: Steel, Yellow Galvanized.

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 Base Assembly**
Base tube: Ø25mm x 2.5mm
Base Plate: 100mm x 100mm x 2.5mm
- 3 FFH (Finished Floor Height)**
100mm to 600mm
- 4 Adjusting Range**
+/- 30mm

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/m²	9.00 kN
F 28F	Heavy Duty	4.50 kN	N/A	12.00 kN/m²	13.50 kN

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China Office

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

T/ (86) 519 8988 3171

F/ (86) 519 8988 3901

Bangkok Office

32 Soi Sukhumvit 36 (Napasub)
Sukhumvit Road, Klongton
Klongtoey, Bangkok 10110
Thailand

T/ (662) 661 2990

F/ (662) 661 2991

Hong Kong Office

7/F, Spa Centre
No. 53-55 Lockhart Road
Wai Chai
Hong Kong

T/ (852) 2793 5511

F/ (852) 3590 2333

Production Unit

Hengshanqiao
Wujin District
Changzhou 213119
Jiangsu, China

T/ (86) 519 8860 7959

F/ (86) 519 8860 5659

www.RhinoAccessFloors.com