



RhinoFLOR®
Chipboard Core Panel

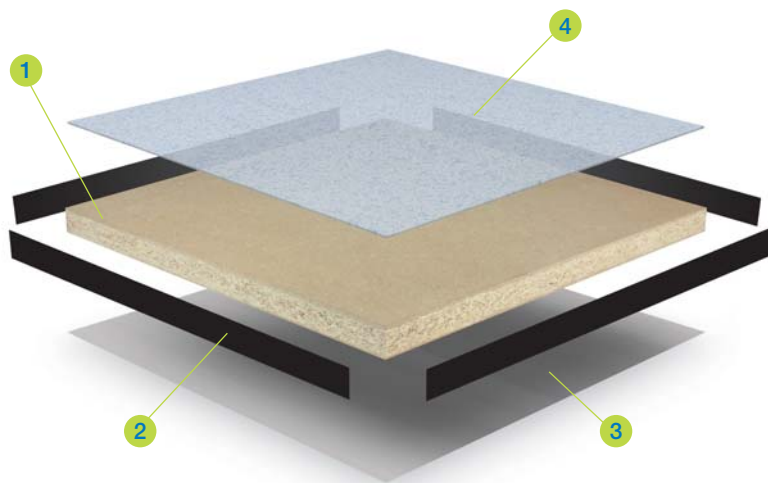


F 30C/38C Covered Panel

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

RHINO®
Strive for perfection!

Panel



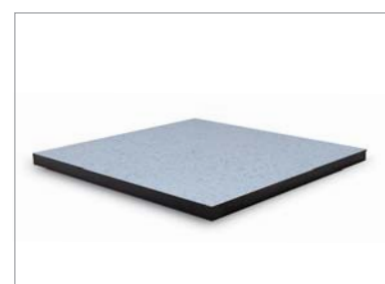
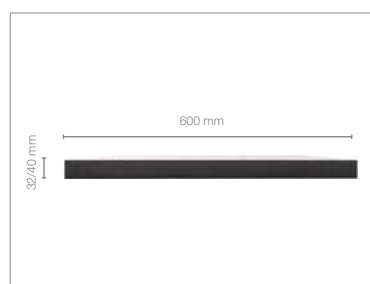
- 1 Fibre Core**
Thickness: 30/38mm
Material: Chipboard (approx. 680kg/m³)
- 2 Edge Band**
Thickness: 0.5mm
Material: Conductive PVC/ABS
- 3 Under Layer**
Thickness: 0.3/0.4/0.5mm
Material: Galvanized steel sheet
- 4 Top Layer**
Thickness: Various
Material: HPL/PVC

Description

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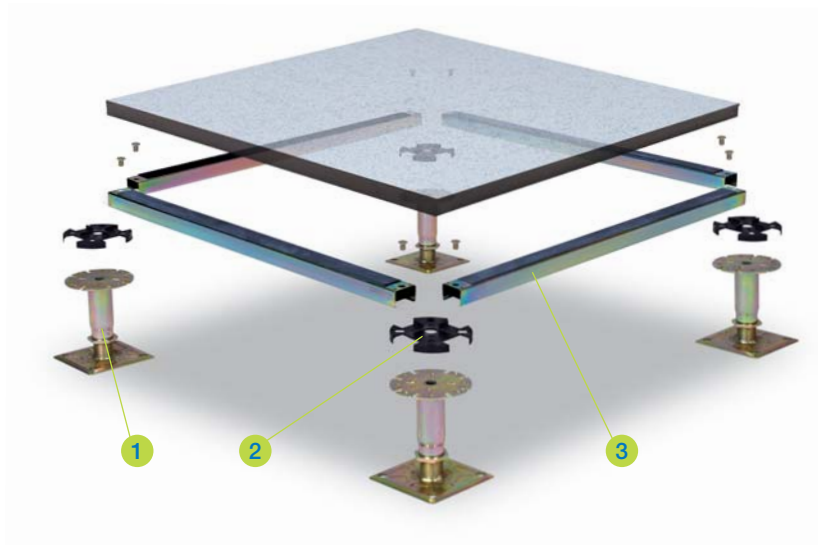
Features

- Wide range of covering options
- Good acoustic performance
- Solid underfoot
- Low air leakage rate
- Safe and easy access
- Excellent lateral stability



Panel Type	Panel Size	Core Material	Panel Construction	Panel Thickness (Nominal)	System Weight (Typical)
F 30C	600mm square	Chipboard Core	Various finish top & bottom galvanized steel sheet with edge band	32.00 mm	34.00 Kg/m ²
F 38C	600mm square	Chipboard Core	Various finish top & bottom galvanized steel sheet with edge band	40.00 mm	40.00 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.

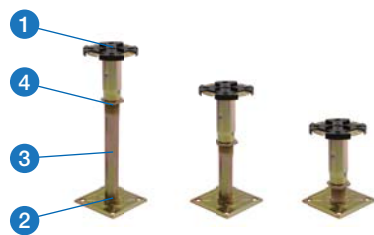
2 Head Gasket

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 Base Assembly

Base tube: Ø25mm x 2.5mm
Base Plate: 100mm x 100mm x 2.5mm

3 FFH (Finished Floor Height)

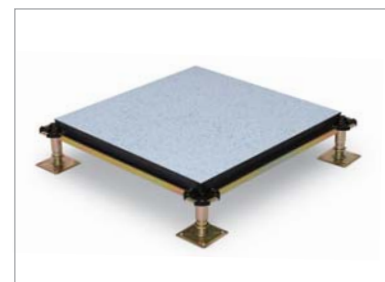
100mm to 1800mm

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 30C	Medium Duty	3.00 kN	4.50 kN	8.00 kN/m²	9.00 kN
F 38C	Heavy Duty	4.50 kN	5.56 kN	12.00 kN/m²	13.50 kN

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