



RhinoFLOR®  
Chipboard Core Panel



## F 30C/38C Covered Panel

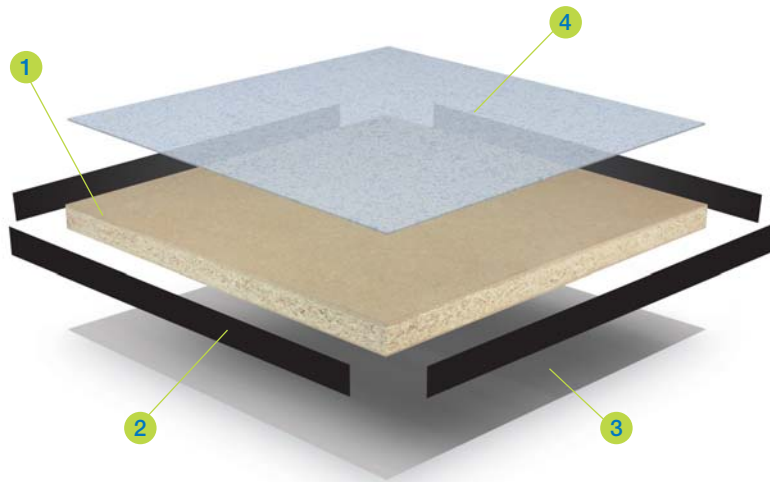
RhinoFLOR® Covered panels are manufactured from a chipboard core (approx. 680 kg/m<sup>3</sup>) non-toxic and light weight material. The top surface of the core is laminated with anti-static high pressure laminate (HPL) or conductive vinyl (PVC) tiles and the base surface is laminated with galvanized 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!

# Product Ranges

RhinoFLOR® Covered

## Panel



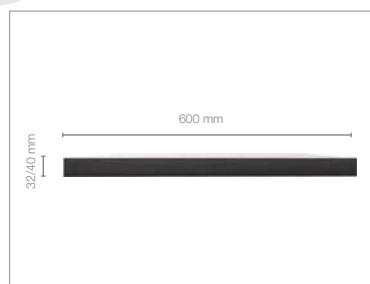
- 1 Fibre Core**  
Thickness: 30/38mm  
Material: Chipboard (approx. 680kg/m<sup>3</sup>)
- 2 Edge Band**  
Thickness: 0.5mm  
Material: Conductive PVC/ABS
- 3 Under Layer**  
Thickness: 0.3/0.4/0.5mm  
Material: Galvanized steel sheet
- 4 Top Layer**  
Thickness: Various  
Material: HPL/PVC

## Description

RhinoFLOR® Covered panels are manufactured from a chipboard core (approx. 680 kg/m<sup>3</sup>) 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.

## Features

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

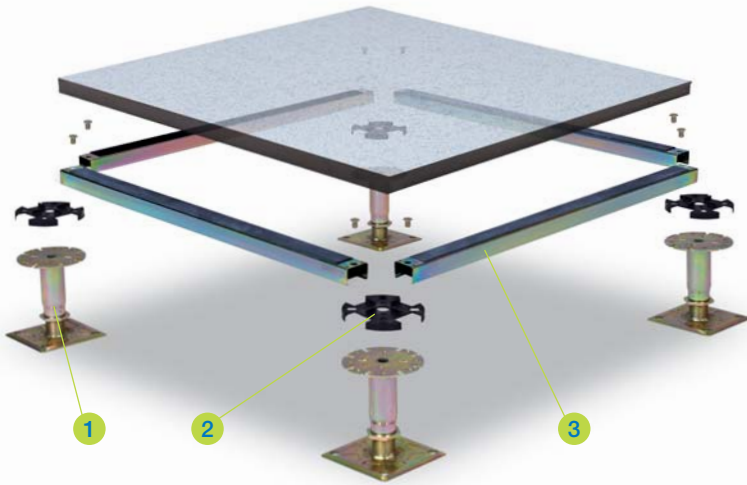


Panel Type	Panel Size	Core Material	Panel Construction	Panel Thickness (Nominal)	System Weight (Typical)
F 30C	600mm square	Chipboard Core	Various finish top & bottom galvanized steel sheet with edge band	32.00 mm	28.29 Kg/m <sup>2</sup>
F 38C	600mm square	Chipboard Core	Various finish top & bottom galvanized steel sheet with edge band	40.00 mm	33.85 Kg/m <sup>2</sup>

# Product Ranges

RhinoFLOR® Covered

## 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.

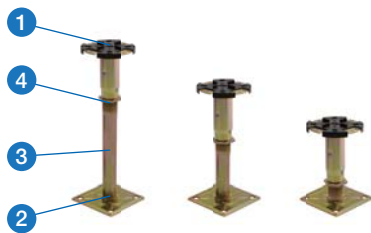
### 2 Head Gasket

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

### 2 Base Assembly

Base tube:  $\varnothing 25\text{mm} \times 2.5\text{mm}$   
Base Plate:  $100\text{mm} \times 100\text{mm} \times 2.5\text{mm}$

### 3 FFH (Finished Floor Height)

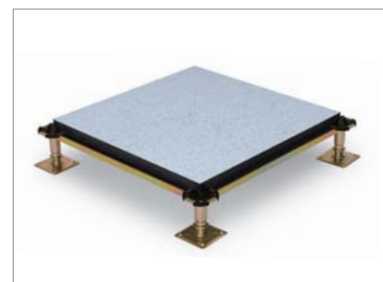
100mm to 600mm

### 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 30C	Medium Duty	3.00 kN	4.50 kN	8.00 kN/m <sup>2</sup>	9.00 kN
F 38C	Heavy Duty	4.50 kN	N/A	12.00 kN/m <sup>2</sup>	13.50 kN

RHINO PROPERTY

**RHINO**<sup>®</sup>

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