



RhinoROC®  
Steel Cement Filled Panel



# ROC 100F/200F

Covered Panel w/ F-mini trim

RhinoROC® Covered Panel w/ F-mini trim has the same welded structural steel technology found in the Roc bare finish panel making the two interchangeable. The tiny straight trim with excellent squareness is the premier choice for an office building when client has a special requirement for HPL or Vinyl floor covering with various colors option.

**RHINO®**  
*Strive for perfection!*

## Product Ranges

RhinoROC® Covered F-mini trim

### Panel



#### 1 Top Layer

Thickness: Various  
Material: Anti-static HPL  
Conductive Vinyl (PVC)

#### 2 Edge Trim

Material: Vinyl plastic  
Construction: F - Mini trim

#### 3 Bottom Shell

Material: Cold rolled steel (ST14)  
Construction: Classic 64-dome design  
Stiffening Rib: Cross beams + 4-ribbed beams

#### 4 Cement Injection

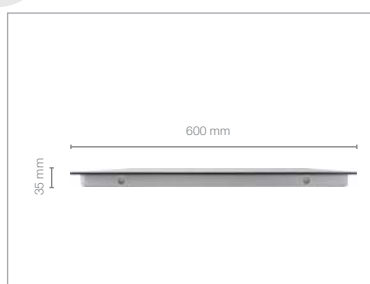
Material: Light weight cement filled  
Seal: Plastic plug

### Description

RhinoROC® HPL or PVC finish panel with F-mini trim has the same welded structural steel technology found in the Roc bare finish panel making the two interchangeable. The tiny straight trim with excellent squareness is the premier choice for an office building when client has a special requirement for HPL or Vinyl floor covering with various colors option.

### Features

- Interchangeable with other Roc panels
- Quiet, with a solid feel underfoot
- Powder-coated, protective epoxy finish
- Wide range of covering options

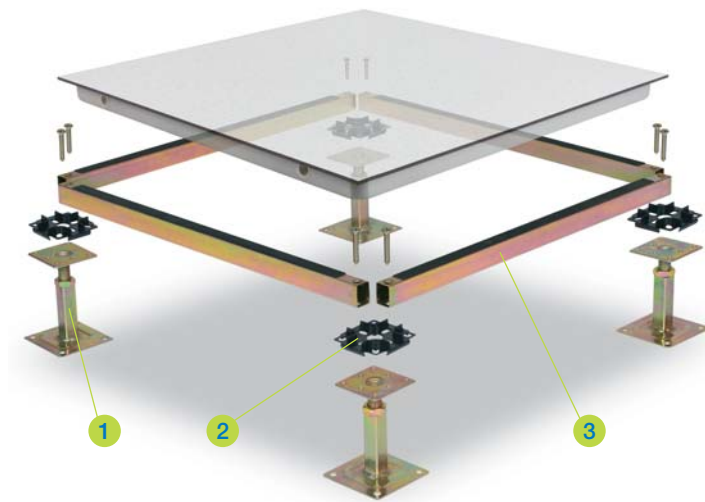


Panel Type	Panel Size	Core Material	Panel Construction	Panel Thickness (Nominal)	System Weight (Typical)
ROC 100F	600mm square	Light weight cement-filled	Cold rolled steel resistance welded	35.00 mm	45 kg/m²
ROC 200F	600mm square	Light weight cement-filled	Cold rolled steel resistance welded	35.00 mm	48 kg/m²

# Product Ranges

RhinoROC® Covered F-mini trim

## System



### 1 Standard Pedestal

Electro-galvanized steel made pedestal is suitable for raised floors with a finished floor height from 200mm to 600mm. Zinc whisker free is available for special order.  
Material: Steel, Yellow Galvanized.

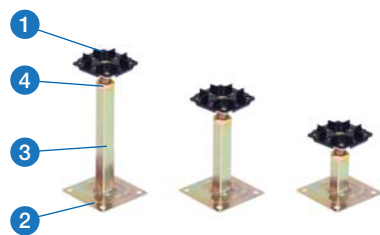
### 2 Head Gasket

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: 568mm(L) × 21mm(W) × 32mm(H)  
Thickness: 0.8/1.0/1.2mm

## Pedestal



### 1 Head Assembly

Head plate: 75mm × 75mm × 3.0mm  
Threaded rod: M19

### 2 Base Assembly

Base tube: □22mm × 2.5mm  
Base plate: 100mm × 100mm × 2.5mm

### 3 FFH (Finished Floor Height)

200mm to 600mm

### 4 Adjusting Range

+/- 30mm

## Performance

- This bolted stringer system is tested in accordance with USA CISC 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	Static Loads			Rolling Loads		Impact Loads
		Concentrated Load	Ultimate Load (Safety Factor* 3.0)	Uniform Load	10 Passes	10,000 Passes	
ROC 100F	Medium Duty	800 lbs 3.56 kN	2,400 lbs 10.68 kN	300 lbs/ft² 14 kN/m²	600 lbs 2.67 kN	400 lbs 1.78 kN	150 lbs 0.67 kN
ROC 200F	Heavy Duty	1,000 lbs 4.45 kN	3,000 lbs 13.34 kN	350 lbs/ft² 17 kN/m²	800 lbs 3.56 kN	600 lbs 2.67 kN	150 lbs 0.67 kN

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