



RhinoROC®

Steel Cement Filled Panel



ROC 100S/200S/300S 400S/500S/600S Stoneline

RhinoROC® porcelain tile finish panel w/ L-trim has the same welded structural steel technology found in the RhinoROC® bare finish panel making the two interchangeable, high-strength with various colors for selection, this high-end raised access flooring system is a premier choice for hospitality lobbies, airports lounges, hotel clubs, shops and even data centers, works fast, easy to clean and maintenance.

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Technical Data Sheet

RhinoROC® Stoneline

Panel



1 Top Layer

Thickness: 10mm (nominal)
Material: Porcelain tile (anti-static)

2 Bottom Shell

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

3 Cement Injection

Material: Light weight cement filled
Seal: Plastic plug

4 L-trim Edge

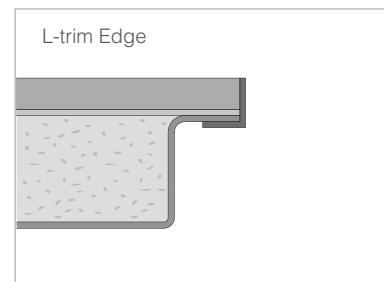
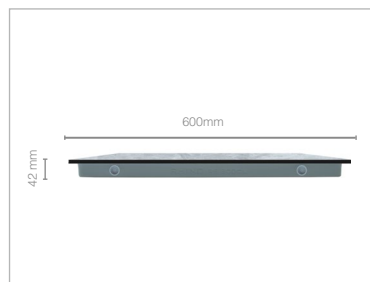
Material: Conductive vinyl
Color: black or same color customized as floor finish
L-trim: ROC 100S/200S/300S
400S/500S/600S

Description

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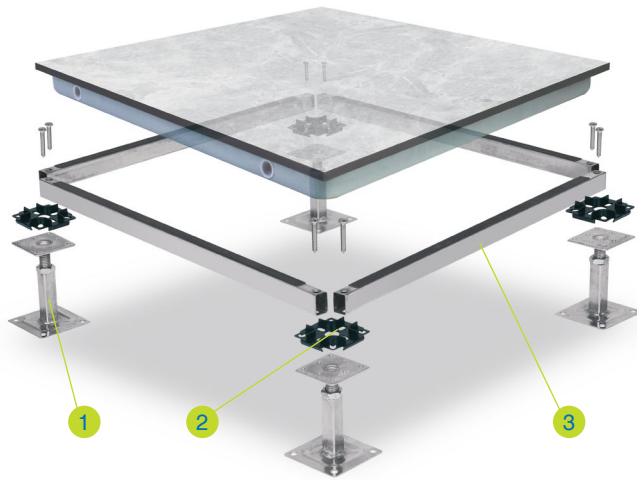
Features

- Accommodates maximum dynamic loads to 33kN
- 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 100S	600mm square	Light weight cement-filled	Cold rolled steel resistance welded	42.00 mm	67 kg/m ²
ROC 200S	600mm square	Light weight cement-filled	Cold rolled steel resistance welded	42.00 mm	68 kg/m ²
ROC 300S	600mm square	Light weight cement-filled	Cold rolled steel resistance welded	42.00 mm	69 kg/m ²
ROC 400S	600mm square	Light weight cement-filled	Cold rolled steel resistance welded	42.00 mm	70 kg/m ²
ROC 500S	600mm square	Light weight cement-filled	Cold rolled steel resistance welded	42.00 mm	71 kg/m ²
ROC 600S	600mm square	Light weight cement-filled	Cold rolled steel resistance welded	42.00 mm	72 kg/m ²

System



1 Standard Pedestal

Electro-galvanized steel made pedestal is suitable for raised floors with a finished floor height from 150mm to 1800mm. Zinc whisker free is available for special order.
Material: Steel, Yellow Galvanized.

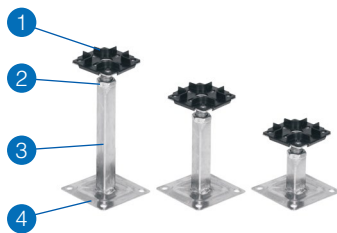
2 Head Gasket

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

Pedestal



1 Pedestal Head

Head plate: 76x76x4.0mm
Thread Rod: M19 with anti-rotation tabs

2 Adjusting Nut

M19 with vibration proof locking device

3 Base Tube

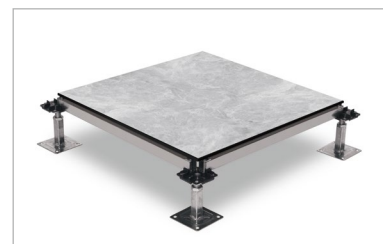
□22x1.5mm sq.
tube arch welded to base plate

4 Base Plate

100x100x2.0mm

Performance

- This bolted stringer system is tested in accordance with USA CISCA 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	Understructure	Performance Grades	Static Loads			Rolling Loads		Impact Loads
			Concentrated Load	Ultimate Load (Safety Factor* 3.0)	Uniform Load	10 Passes	10,000 Passes	
ROC 100S	Bolted Stringer	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 200S	Bolted Stringer	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
ROC 300S	Bolted Stringer	Extra Heavy Duty	1,250 lbs 5.56 kN	3,750 lbs 16.68 kN	400 lbs/ ft² 19 kN/m²	1,000 lbs 4.45 kN	800 lbs 3.56 kN	150 lbs 0.67 kN
ROC 400S	Bolted Stringer	Super Heavy Duty	1,500 lbs 6.67 kN	4,500 lbs 20.02 kN	450 lbs/ ft² 22 kN/m²	1,250 lbs 5.56 kN	1,000 lbs 4.45 kN	150 lbs 0.67 kN
ROC 500S	Bolted Stringer	Industrial Heavy Duty	2,000 lbs 8.90 kN	6,000 lbs 26.70 kN	550 lbs/ ft² 26 kN/m²	1,500 lbs 6.67 kN	1,250 lbs 5.56 kN	200 lbs 0.89 kN
ROC 600S	Bolted Stringer	Military Heavy Duty	2,500 lbs 11.12 kN	7,500 lbs 33.36 kN	650 lbs/ ft² 31 kN/m²	2,000 lbs 8.90 kN	1,500 lbs 6.67 kN	200 lbs 0.89 kN

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