



RhinoCS®

Premium Calcium Sulphate

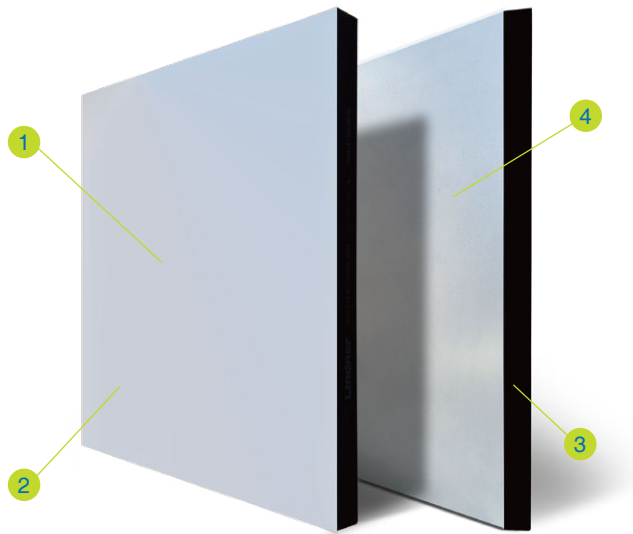


CS 800/1000/1250/1500 Bare Finish Panel

RhinoCS® is the ideal product for nearly all applications with its excellent technical and building-physical characteristics. The raised access floor panels consist of fibre-reinforced calcium sulphate and are optionally applied with a steel sheet on the lower side. The panels are protected against shock and humidity by an edge trim on all edges. The substructure consists of height adjustable zinc-coated steel pedestals from our own production which form the necessary cavity for installations and gaskets for sound decoupling.

RHINO®
Strive for perfection!

Panel



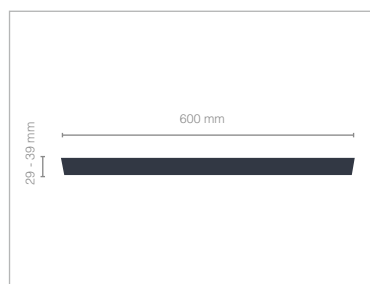
- 1 Calcium Sulphate Core**
Thickness: 28/30/34/38mm
Material: Calcium sulphate
(approx. 1,650kg/m³)
- 2 Top Layer**
Thickness: 0.3/0.4/0.5/0.6mm
Material: Galvanized steel sheet
- 3 Edge Band**
Thickness: 0.5mm
Material: Conductive PVC/ABS
- 4 Under Layer**
Thickness: 0.3/0.4/0.5/0.6mm
Material: Galvanized steel sheet

Description

RhinoCS® is the ideal product for nearly all applications with its excellent technical and building-physical characteristics. The raised access floor panels consist of fibre-reinforced calcium sulphate and are optionally applied with a steel sheet on the lower side. The panels are protected against shock and humidity by an edge trim on all edges. The substructure consists of height adjustable zinc-coated steel pedestals from our own production which form the necessary cavity for installations and gaskets for sound decoupling.

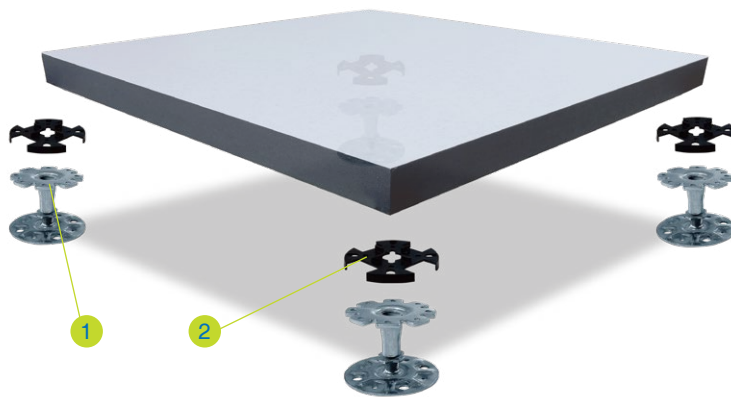
Features

- Non-toxic
- Non-combustible
- Impressive acoustic performance
- Superb underfoot comfort
- High load capacity
- Low air leakage rate



Panel Type	Panel Size	Core Thickness	Fire Protection		Acoustics (ISO 140)	System Weight (Typical)
			EN 13501-1	EN 13501-2		
CS 800	600 mm square	28 mm	A1	REI 60	48 - 64 dB	50.00 Kg/m ²
CS 1000	600 mm square	30 mm	A1	REI 60	48 - 64 dB	53.00 Kg/m ²
CS 1250	600 mm square	34 mm	A1	REI 60	48 - 64 dB	60.00 Kg/m ²
CS 1500	600 mm square	38 mm	A1	REI 60	48 - 64 dB	66.00 Kg/m ²

System



1 Standard Pedestal

Galvanized & blue passivated steel made pedestal is suitable for raised floors with a finished floor height from 50mm - 1800mm. Zinc whisker free is available for special order.

2 Head Gasket

Plastic conductive material with sound proofing and sealing functions, equipped with tabs for the positioning of panels.

Thickness: 2.0mm

Pedestal



1 Head Assembly

Head plate: Ø90 x 2.5mm
Head tube: M20

2 Adjusting Nut

M20 with vibration proofing locking device

3 Base Tube

Ø24mm x 2.0mm

4 Base Plate

Ø100mm x 2.0mm

Performance

- This rigid grid system is tested in accordance with CISC 2007 specification.
- Panel deflection at centre edge must not exceed 2.5mm
- Performance to a safety factor of 2.0 x static load
- Structural performance based upon a full Rhino access floors system i.e. panels & pedestals.



Panel Type	Performance Grades	Static Loads			Rolling Loads		Impact Loads
		Concentrated Load	Ultimate Load (Safety Factor* 3.0)	Uniform Load	10 Passes	10,000 Passes	
CS 800	Medium Duty	800 lbs 3.56 kN	1600 lbs 7.12 kN	300 lbs/ft² 14 kN/m²	600 lbs 2.67 kN	400 lbs 1.78 kN	150 lbs 0.67 kN
CS 1000	Heavy Duty	1,000 lbs 4.45 kN	2000 lbs 8.90 kN	350 lbs/ft² 17 kN/m²	800 lbs 3.56 kN	600 lbs 2.67 kN	150 lbs 0.67 kN
CS 1250	Extra Heavy Duty	1,250 lbs 5.56 kN	2500 lbs 11.12kN	400 lbs/ft² 19 kN/m²	1,000 lbs 4.45 kN	800 lbs 3.56 kN	150 lbs 0.67 kN
CS 1500	Super Heavy Duty	1,500 lbs 6.67 kN	3000 lbs 13.34 kN	450 lbs/ft² 22 kN/m²	1,250 lbs 5.56 kN	1,000 lbs 4.45 kN	150 lbs 0.67 kN

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