



RhinoCS®  
Premium Calcium Sulphate



## CS 800C/1000C/1250C/1500C Covered Panel

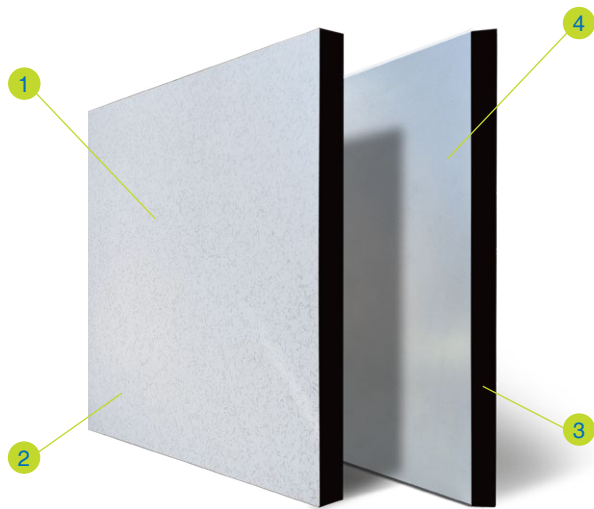
RhinoCS® is the ideal product for nearly all applications with its excellent technical and building-physical characteristics. The raised access floor panels consist of fibre-reinforced calcium sulphate and are optionally applied with a steel sheet on the lower side. The panels are protected against shock 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!*

# Technical Data Sheet

RhinoCS® Covered

## Panel



### 1 Calcium Sulphate Core

Thickness: 28/30/34/38mm  
Material: Calcium sulphate  
(approx. 1,650kg/m<sup>3</sup>)

### 2 Top Layer

Thickness: Various  
Material: HPL/PVC

### 3 Edge Band

Thickness: 0.5mm  
Material: Conductive PVC/ABS

### 4 Under Layer

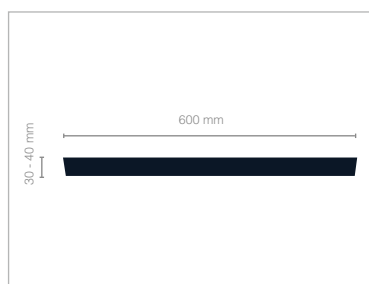
Thickness: 0.3/0.4/0.5/0.6mm  
Material: Galvanized steel sheet

## 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

- Superb walking comfort
- Very high loadability
- Non-combustible
- Simple lifting and exchanging of single panels
- Very wide choice of coverings

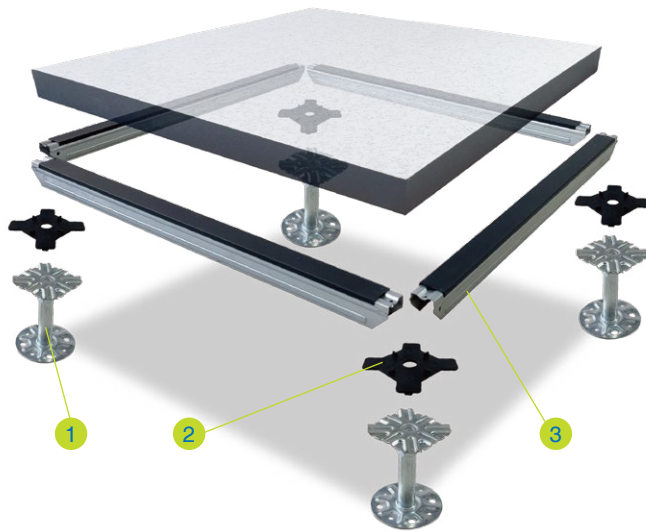


Panel Type	Panel Size	Core Thickness	Fire Protection		Acoustics (ISO 140)	System Weight (Typical)
			EN 13501-1	EN 13501-2		
CS 800C	600 mm square	28 mm	A1	REI 60	48 - 64 dB	50.00 Kg/m <sup>2</sup>
CS 1000C	600 mm square	30 mm	A1	REI 60	48 - 64 dB	53.00 Kg/m <sup>2</sup>
CS 1250C	600 mm square	34 mm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

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## 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

### 3 Stringer

U-profile galvanized steel stringer with reinforcement ribs and 2 hooked teeth at the ends that allow a rigid snap-in fit with the pedestal head. It can also be fixed by self-tapping screws.

Dimension: 532mm x 30mm x 25mm  
Thickness: 0.9/1.0mm

## Pedestal



### 1 Head Assembly

Head plate: □90 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



Snap-in stringer

## Performance

- This rigid grid system is tested in accordance with Cisca 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 800C	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 1000C	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 1250C	Extra Heavy Duty	1,250 lbs 5.56 kN	2500 lbs 11.12 kN	400 lbs/ft² 19 kN/m²	1,000 lbs 4.45 kN	800 lbs 3.56 kN	150 lbs 0.67 kN
CS 1500C	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

# **RHINO**<sup>®</sup>

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