



Cemtec®  
Fiber Reinforced Concrete Panel

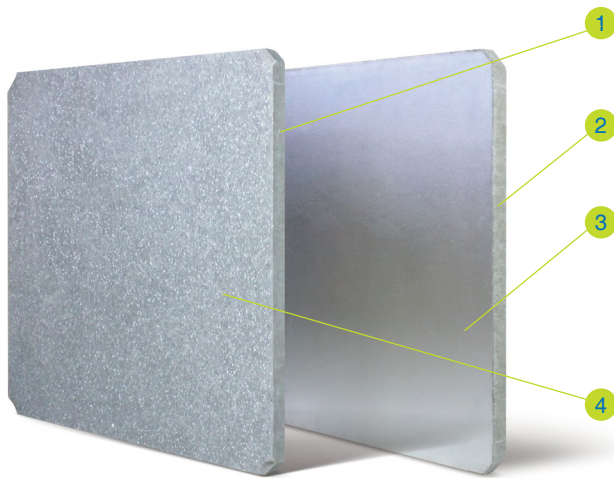


## G500 Unifix Bare Finish Panel

Cemtec® G500 Unifix is a safe and secure raised access floor system that provides excellent performance and has a proven track record of installation in many buildings, an unique reinforcing bar structure and laths are used in concrete to prevent crack, thus realizing a tough and high-strength concrete panel while providing solid walking feel that is comparable to walking on a concrete slab floor.

**RHINO**®  
Strive for perfection!

## Panel



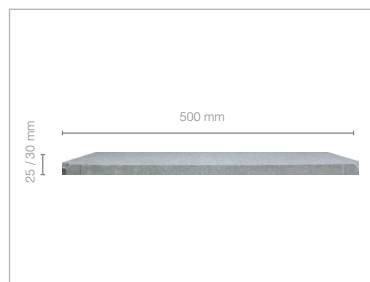
- 1 Reinforced Concrete Core**  
Thickness: 25/30mm  
Material: Fiber reinforced concrete with steel bars and laths
- 2 Panel Edge**  
Design: Eased edge profile  
Wiring section: Pre-cut out
- 3 Under Layer**  
Thickness: 0.4/0.5mm  
Material: Galvanized steel sheet
- 4 Covering Materials**  
Lay-on carpet tile  
Lay-on vinyl tile

## Description

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## Features

- Non-toxic
- Non-combustible
- Impressive acoustic performance
- Superb underfoot comfort
- High load capacity
- Unfix quick lock

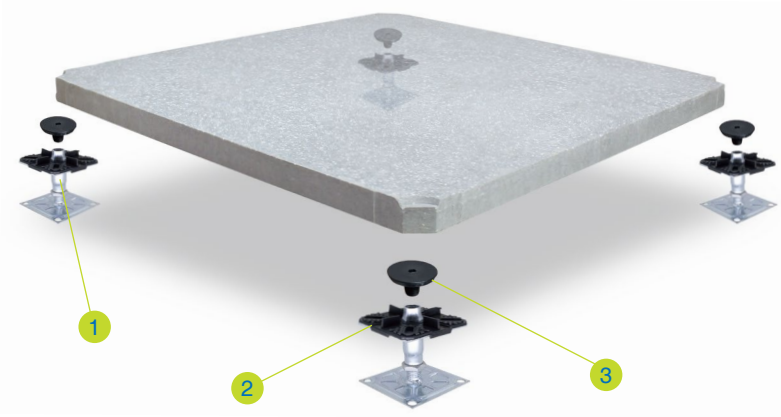


Panel Type	Panel Size	Core Material	Panel Construction	Panel Thickness (Nominal)	System Weight (Typical)
G500 M	500mm square	Reinforced Concrete	Galvanized steel sheet on bottom	25.00 mm	52.00 Kg/m <sup>2</sup>
G500 H	500mm square	Reinforced Concrete	Galvanized steel sheet on bottom	30.00 mm	64.00 Kg/m <sup>2</sup>

# Technical Data Sheet

Cemtec® G500 Unifix

## System



### 1 Standard Pedestal

Electro-galvanized steel made pedestal is suitable for raised floors with a finished floor height from 50mm to 150mm. Zinc whisker free is available for special order

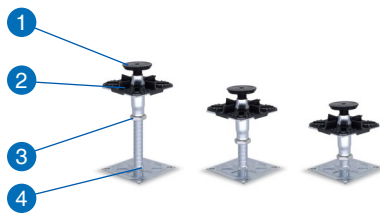
### 2 Head Gasket

Plastic conductive material with sound proofing and sealing functions, equipped with tabs for the positioning of panels.  
Thickness: 2.0mm

### 3 Lock Plate

An unique cap designed rubber gasket absorbs rattles that have plagued conventional raised access floor systems and reduce squeaking noise and hollow sound, could be removed by a hexagonal wrench.

## Pedestal



### 1 Lock Plate

M14 fixed by hexagonal wrench

### 2 Head Assembly

Top plate: 72x72x3.0mm  
Tube: Ø20x2.0mm

### 3 Adjusting Nut

M16

### 4 Base Assembly

Threaded rod: M16  
Base plate: 78x78x2.0mm

## Performance

- This unifix corner-locked 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		
G500 M	Medium Duty	3.00 kN	4.50 kN	8.00 kN/m <sup>2</sup>	9.00 kN
G500 H	Heavy Duty	4.50 kN	5.56 kN	12.00 kN/m <sup>2</sup>	13.50 kN

# **RHINO**<sup>®</sup>

*Strive for perfection!*

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