



Cemtec®

Fiber Reinforced Concrete Panel



G500 Low-profile Full Encapsulated Panel

Cemtec® G500 low-profile full encapsulated panels are manufactured from a high density of fiber reinforced concrete-based (FRC) panel (approx. 1,800 kg/m³), non-toxic and non-combustible material. The design incorporates a unique wrap around construction which makes panel removal and replacement easily. This design provides more strength on edges.

RHINO[®]
Strive for perfection!

Panel



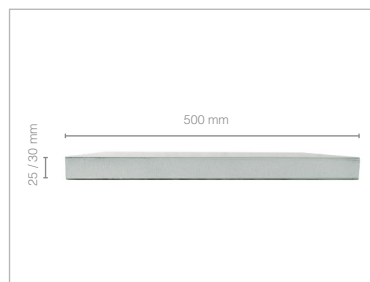
- 1 Top Layer**
Thickness: 0.3 / 0.4 / 0.5 mm
Material: Galvanized steel sheet
- 2 Edge**
Construction: Unique wrapped around construction
- 3 Under Layer**
Thickness: 0.3 / 0.4 / 0.5 mm
Material: Galvanized steel sheet

Description

Cemtec® G500 low-profile full encapsulated panels are manufactured from a high density of fiber reinforced concrete-based (FRC) panel (approx. 1,800 kg/m³), non-toxic and non-combustible material. The design incorporates a unique wrap around construction which makes panel removal and replacement easily. This design provides more strength on edges.

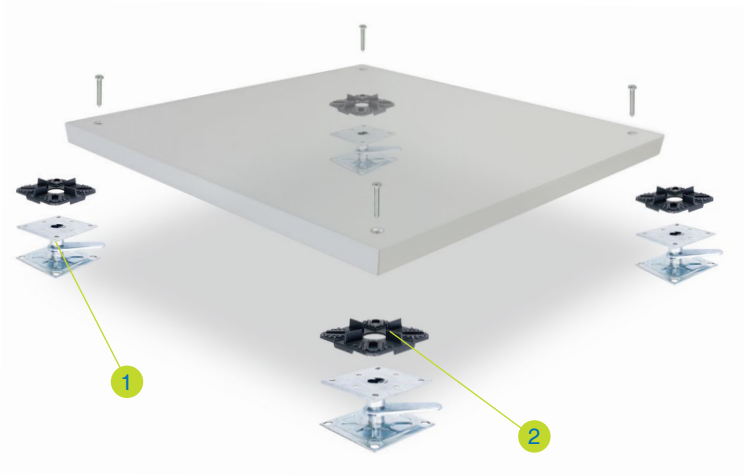
Features

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



Panel Type	Panel Size	Core Material	Panel Construction	Panel Thickness (Nominal)	System Weight (Typical)
G500 M	500 mm square	Reinforced Concrete	Galvanized steel full-encapsulated	25.00 mm	52.00 Kg/m ²
G500 H	500 mm square	Reinforced Concrete	Galvanized steel full-encapsulated	30.00 mm	64.00 Kg/m ²

System



1 Standard Pedestal
Electro-galvanized steel made pedestal is suitable for raised floors with a finished floor height from 35mm 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

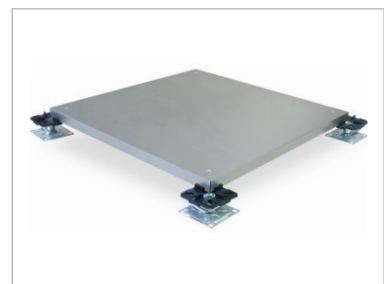
Pedestal



- 1 Head Assembly**
Head plate: 72 x 72mm
Thickness: 3.0mm
- 2 Locking Arm**
M14
- 3 Threaded rod**
M14
- 4 Base Plate**
78x78x2.0mm

Performance

- This 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 ²	9.00 kN
G500 H	Heavy Duty	4.50 kN	5.56 kN	12.00 kN/m ²	13.50 kN

RHINO[®]

Strive for perfection!

Corporate Headquarters

111 S.K.V. Building, 4th Floor
Soi Sansabai, Klongton
Klongtoey, Bangkok 10110
Thailand

T/ (662) 661 2990

F/ (662) 661 2991

China Office

593, Tongjiang Road
Jintian Plaza 828-830
Changzhou 213022
Jiangsu, China

T/ (86) 519 8988 3171

F/ (86) 519 8988 3901

Hong Kong Office

Unit 908, 9/F, LT Tower
31 Chong Yip Street
Kwun Tong, Kowloon
Hong Kong

T/ (852) 2865 6816

F/ (852) 2865 6813

Production Unit

Hengshanqiao
Wujin District
Changzhou 213119
Jiangsu, China

T/ (86) 519 8860 7959

F/ (86) 519 8860 5659

www.RhinoAccessFloors.com