



RhinoCross®
Low-profile Access Flooring



CL 501/502

Channel System

RhinoCross® channel system low-profile access floor is a cementitious filled steel multi-channel cable management system. It is height adjustable from 35mm to 100mm. The panel is made of high quality steel plates which are press-formed and filled with bubble cement, then sprayed with powder coat epoxy finish. Zinc-plated height-adjustable pedestals are self locking and range in height from 35mm to 100mm. Grooved channels interlock and keep components in place. Symmetrical concave design distributes loads evenly.

RHINO®
Strive for perfection!

Panel



- 1 Top Steel-plate**
Thickness: Various
Material: Cold rolled steel (SPCC)
- 2 Bottom Shell**
Material: Cold rolled steel (ST14)
Construction: Classic 36-dome design
- 3 Cement Injection**
Material: Light weight cement filled
Seal: Plastic
- 4 Pedestal Support**
Design: Pre-insert
Material: Plastic

Description

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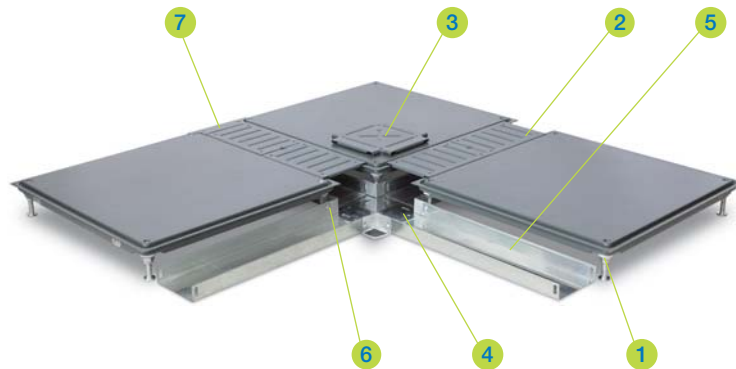
Features

- Low-profile height adjustable 35-100mm
- Quick connect channel system
- Organized channels for high volume cable management
- Save time and expense for facility re-configurations
- Eliminate electrified furnishings, save costs on moves or changes, improved esthetics



Panel Type	Panel Size	Core Material	Panel Construction	Panel Thickness (Nominal)	System Weight (Typical)
CL 501	500mm square	Light weight cement-filled	Cold rolled steel resistance welded	25.00 mm	35.19 kg/m²
CL 502	500mm square	Light weight cement-filled	Cold rolled steel resistance welded	26.00 mm	36.58 kg/m²

System



- 1 Pedestal**
Electra-galvanized steel made bolt pedestal is suitable for raised floors with a finished floor height from 35mm to 100mm.
- 2 Channel Plate**
2.0mm thick high quality steel made and powder coat epoxy finish with 5 ribs providing outstanding load bearing capacity.
- 3 Corner Plate**
2.0mm thick high quality steel made and powder coat epoxy finish with 4 ribs around and a cross ribs at the center providing outstanding load bearing capacity.
- 4 Soleplate**
0.5mm thick high quality galvanized steel made with 4 round holes at the corner for pedestal location.
- 5 Cable Tray**
0.5mm thick high quality galvanized steel made groove design for cable management.
- 6 Connector**
0.3mm thick high quality galvanized steel made right-angle design protected pedestals during cable management.
- 7 Perimeter Cover Plate**
2.0mm thick high quality steel made and powder coat epoxy finish.

Pedestal



- 1 Fixing Nut**
H = 20mm
- 2 Adjusting Nut**
M12
- 3 Bolt Stud**
H = 35mm to 100mm
- 4 Adjusting Range**
+/- 10mm

Performance

- This low-profile channel 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		
CL 501	Medium Duty	3.00 kN	4.50 kN	8.00 kN/m²	9.00 kN
CL 502	Heavy Duty	4.50 kN	5.56 kN	12.00 kN/m²	13.50 kN

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