

# LINKFLOOR

Netfloor System

## Linkfloor Netfloor System

Linkfloor panel system meets all requirements relating to fire protection, noise protection, electrostatics, load-bearing, heating and cooling technology etc...

### Slotted Panel (LF504/LF505/LF506)

The raised panel with slot is designed for office buildings, consisting of a few main panels. It is featured by combining the panel with the raised multi-way slots for cables. It can lower the height of the finished floor panel and help to optimize the room space available. The layout of the cables and wires would be more flexible with this design. Cables and wires would be laid out into the slots and can reach any place of the office rooms along with the slots. Besides, strong and weak currents can be isolated by marking the slots with colors and notes in accordance with the national regulation. Various wires including supply, data wire, voice wire and video wire can be inserted into the different open slots in parallel and connected with the fixed wire boxes. It saves material and costs by avoiding the inconvenient operation of putting various wires into wiring pipes respectively. It also greatly facilitates both the second layout and future maintenance while only the slot lid should be opened for that purpose and the panel does not need removing.



## Composition of Panel

The panel is made of good quality cold-rolled steel sheets which are punched, spot-welded, coated with epoxy powder. Panel body is in-filled with light-weighted foamed cement. The pedestal is galvanized with the height adjustable.

## Featured Benefits

The steel slotted panels have the following break-throughs as well as all the benefits of traditional raised panels.

### ◆ Convenience

- ◇ Easy outlet line system
- ◇ Outlet that needn't any cutting
- ◇ Apply for any outlet box
- ◇ Simply adjust the position according to your demand

### ◆ Safety

- ◇ Reduced weight - about 2/3 of the traditional raised panel
- ◇ Safe fireproof-all steel material, noncombustible
- ◇ Each panel is supported by 4 built-in pedestals at 4 corners of the panel body, so the system won't be collapsed even the earthquake come down

### ◆ Flexibility

- ◇ Easily change
- ◇ High extension and low cost
- ◇ 90% of the appurtenances can be reused after changing.



## Slotted Panel LF504

The system is composed of LF501 panels and metal wire slots that are fixed on the pedestal. The bottom slots are covered by caps so they are safe and reliable. The flexible combination of panel and slot can economically adjust the quantity of slots required according to wiring position and quantity of wires.

Type	Size (mm)	Concentrated Load(N)	Uniform Load(N/m <sup>2</sup> )	Concentration Ultimate Load(N)
LF504	FS668	2950	12500	8850
	FS800	3550	14800	10650
	FS1000	4450	23000	13350

### Specifications

System height: 50mm-250mm

#### Main Components

Unipanel: Size: 500 × 500mm

Thickness: 28mm

Top and bottom plate of panel: Steel, corrosion protection with powder coating. Panel body in-filled with light-weighted cement.

#### Pedestals

◆ Main pedestal: Aluminum cross head, fixed at four corners. Assembled to system's required height.

◆ Border pedestal: Flat steel head, galvanized, fixed at borders along the wall. Assembled to system's required height.

Flank slot : Size: 480 × 130mm

Steel, corrosion protection by powder coating or electro-deposition.

Central slot: Size: 170 × 170mm

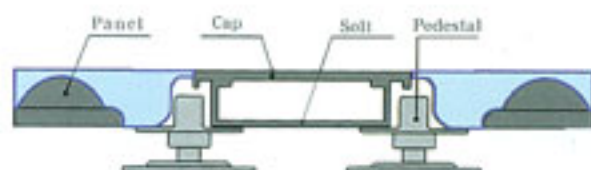
Steel, corrosion protection by powder coating or electro-deposition.

Central Cap: Size: 150 × 150mm

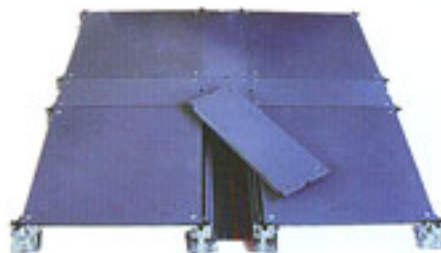
2.3mm thick steel, corrosion protection by powder coating or electro-deposition. Re-enforced ribs. To install on the intersection of Cable Trenches.

Flank Cap: Size: 500 × 150mm

2.3mm thick steel, corrosion protection by powder coating or electro-deposition. Re-enforced ribs. To install on Cable Trenches.



Structure of the Panel



Central slot



Central Cap



Flank Cap



Flank slot

## Slotted Panel LF505

The system is composed of Unipanel, Base Connector, Central Cap, Flank Cap and Pedestal. There is an installation area surrounding the panel with the width of 14mm and height of 3.5mm lower than the panel surface. Each of the panel has four screw bars. Base connector is used to connect the area between panels laid out by panel, central cap and flank cap. The metal slots can be installed under the caps. Each of the corner is supported independently and all caps are paved evenly. Wires can be pulled out or socket can be installed at any point around the panel.

Type	Size (mm)	Concentrated Load(N)	Uniform Load(N/m <sup>2</sup> )	Concentration Ultimate Load(N)
LF505	FS668	2950	12500	8850
	FS800	3550	14800	10650
	FS1000	4450	23000	13350

## Specifications

### Module Set:

Size: 600mm×600mm= 1 UniPanel + 1 Base Connector + 1 Central Cap + 4 Flank Caps  
System height: 40mm-150mm

### Main Components

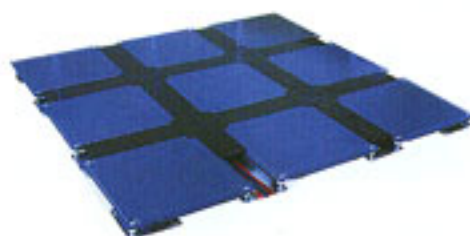
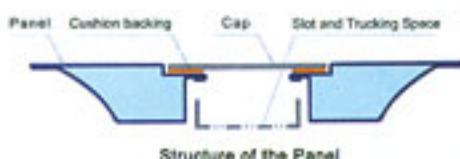
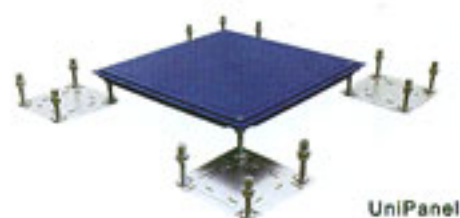
**Unipanel:** Size: 500×500mm Thickness: 25mm  
Top and bottom plate of panel: Steel, corrosion protection with powder coating. Panel body in-filled with light-weighted cement.  
**Edges:** 3.5mm recession, 14mm width at panel borders.

**Pedestals:** Galvanized steel, fixed at four corners.  
Assembled to system's required height.

**Base Connector:** Galvanized steel. To connect UniPanel's pedestal, and automatically forms the standard-distance Cable Trenches.

**Central Cap:** Size: 200×200mm  
2mm thick steel, corrosion protection by powder coating or electro-deposition. Re-enforced ribs. To install on the intersection of Cable Trenches.

**Flank Cap:** Size: 200×130mm  
2mm thick steel, corrosion protection by powder coating or electro-deposition. Re-enforced ribs. To install on Cable Trenches.



Central Cap



Flank Cap



Exit Cap



Base Connector

## Slotted Panel LF506

The system is composed of Unipanel, Base Connector, Central Cap, Flank Cap and pedestal. There is a concave area 12mm away from panel edges, used for installing central cap and flank cap. Base connector is used to connect the area between panels. The metal slots can be installed under the caps. Each of the corner is supported independently and the caps are inserted in concave. Wires can be pulled out or socket can be installed at any point around the panel.

Type	Size (mm)	Concentrated Load(N)	Uniform Load(N/m <sup>2</sup> )	Concentration Ultimate Load(N)
LF506	FS668	2950	12500	8850
	FS800	3550	14800	10650
	FS1000	4450	23000	13350

## Specifications

### Module Set:

Size: 600mm × 600mm = 1 UniPanel + 1 Base Connector

+ 1 Central Cap + 4 Flank Caps

System height: 40mm-150mm

### Main Components

**Unipanel:** Size: 500 × 500mm Thickness: 25mm

Top and bottom plate of panel: Steel, corrosion protection with powder coating. Panel body in-filled with light-weighted cement.

**Edge:** 4mm recession, 12mm width at panel borders.

**Concave:** 7mm width, 6mm depth for locking caps.

**Pedestals:** Galvanized steel, fixed at four corners. Assembled to system's required height.

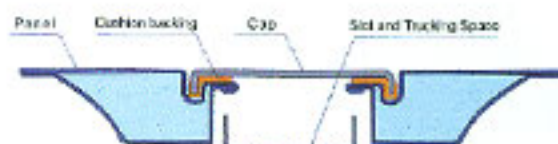
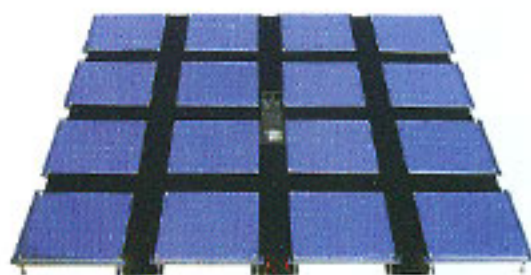
**Base Connector:** Galvanized steel. To connect UniPanel's pedestal, and automatically forms the standard-distance Cable Trenches.

**Central Cap:** Size: 182 × 182mm

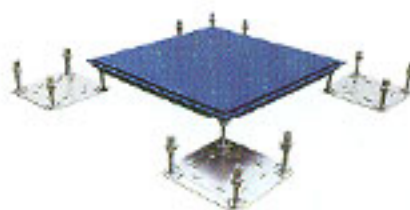
2mm thick steel, corrosion protection by powder coating or electro-deposition. Re-enforced ribs. To install on the intersection of Cable Trenches.

**Flank Cap:** Size: 209 × 134mm

2mm thick steel, corrosion protection by powder coating or electro-deposition. Re-enforced ribs. To install on Cable Trenches.



Structure of the Panel



Unipanel



Central Cap



Exit Cap



Flank Cap



Base Connector

## Riveted panel (LF507/LF508)

The development of Riveted panel is regarded as a breakthrough in raised access floor technologies. It is a new shining star in Linkfloor system, representing the updated trend of development. This type of panel meets the universal demand for modern office and school as well as carrying forward the advantages of traditional panel in the aspect of load capability. It has super low and light structure and environment friendly by using non-combustible material. Easy installation and application prove it is an ideal choice for old building modernization in the cities.

## Composition of Panel

The panel is made of riveted galvanized steel or cold-rolled steel sheet, which contributes strength without welding. The pedestal is galvanized with the height adjustable.

## Featured Benefits

- ◆ Easy maintenance and interchangeable panels
- ◆ Made from non-harmful material which can be reused and recycled.
- ◆ All steel structure and non-combustible.
- ◆ Panel weight is half of the traditional one. Each panel is structured with 4 built-in pedestals at 4 corners of the panel, so the system won't be collapsed even the earthquake come down.
- ◆ Excellent uniform load performance.
- ◆ Riveting connection makes panel stronger.
- ◆ Quick installation, so it saves cost.



## Riveted Panel (LF507)

The system is composed of Unipanel, Base Connector, Central Cap, Flank Cap and pedestal. There is an installation area surrounding the panel with the width of 14mm and height of 3.5mm lower than the panel surface. Each of the panel has four screw bars. Base connector is used to connect the area between panels laid out by panel, central cap and flank cap. The metal slots can be installed under the cap. Each of the corner is supported independently and slot cover board is paved evenly. Wires can be pulled out or socket can be installed at any point around the panel.

Type	Size (mm)	Concentrated Load(N)	Uniform Load(N/m <sup>2</sup> )	Concentration Ultimate Load(N)
LF507 FS668	500×500×25	2950	12500	8850

### Specifications:

#### Module Set:

Size: 600mm×600mm=1 UniPanel + 1 Base Connector + 1

Central Cap + 4 Flank Caps

System height: 40mm-150mm

#### Main Components

Unipanel: Size: 500×500mm Thickness: 25mm

Top and bottom plate of panel:

- ◆ Galvanized steel
- ◆ Steel, corrosion protection with powder coating
- ◆ Steel, corrosion protection with electro-deposition

Riveted structure that is high strength and light weight.

Edges: 3.5mm recession, 14mm width at panel borders.

**Pedestals:** Galvanized steel, fixed at four corners. Assembled to system's required height.

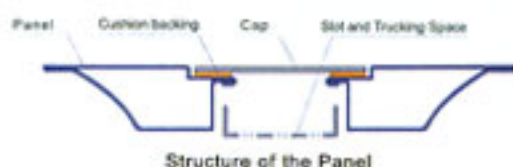
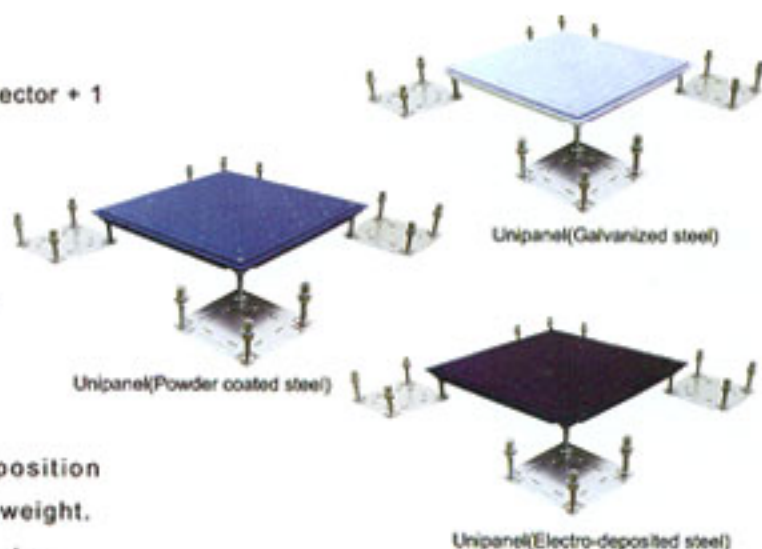
**Base Connector:** Galvanized steel. To connect UniPanel's pedestal, and automatically forms the standard-distance Cable Trenches.

**Central Cap:** Size: 200×200mm

2mm thick steel, corrosion protection by powder coating or electro-deposition. Re-enforced ribs. To install on the intersection of Cable Trenches.

**Flank Cap:** Size: 200×130mm

2mm thick steel, corrosion protection by powder coating or electro-deposition. Re-enforced ribs To install on Cable Trenches.



Central Cap



Flank Cap



Base Connector



Exit Cap

## Riveted Panel (LF508)

The system is composed of Unipanel, Base Connector, Central Cap, Flank Cap and pedestal. There is a concave area 12mm away from panels, used for installing central cap and Flank cap. Base connector is used to connect the area between panels. The metal slots can be installed under the caps. Each of the corner is supported independently and are inserted in concave. Wires can be pulled out or socket can be installed at any point around the panel.

Type	Size (mm)	Concentrated Load(N)	Uniform Load(N/m <sup>2</sup> )	Concentration Ultimate Load(N)
LF507	FS668 500×500×25	2950	12500	8850

### Specifications:

#### Module Set:

Size: 600mm×600mm=1 UniPanel + 1 Base Connector + 1

Central Cap + 4 Flank Caps

System height: 40mm-150mm

#### Main Components

Unipanel: Size: 500×500mm Thickness: 25mm

Top and bottom plate of panel:

- ◆ Galvanized steel
- ◆ Steel, corrosion protection with powder coating
- ◆ Steel, corrosion protection with electro-deposition

Riveted structure that is high strength and light weight.

Edge: 4mm recession, 12mm width at panel borders.

Concave: 7mm width, 6mm depth for locking caps.

Pedestals: Galvanized steel, fixed at four corners. Assembled to system's required height.

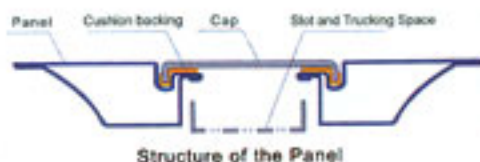
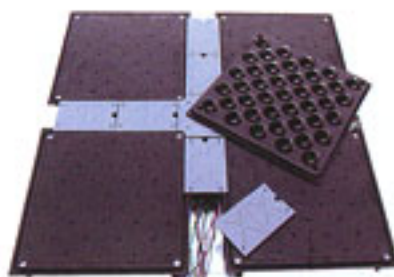
Base Connector: Galvanized steel. To connect UniPanel's pedestal, and automatically forms the standard-distance Cable Trenches.

Central Cap: Size: 182×182mm

2mm thick steel, corrosion protection by powder coating or electro-deposition. Re-enforced ribs. To install on the intersection of Cable Trenches.

Flank Cap: Size: 209×134mm

2mm thick steel, corrosion protection by powder coating or electro-deposition. Re-enforced ribs. To install on Cable Trenches.



Flank Cap



Central Cap



Exit Cap



Base Connector

## Electric Socket



LF-01



LF-02



LF-03



LF-04



LF-05

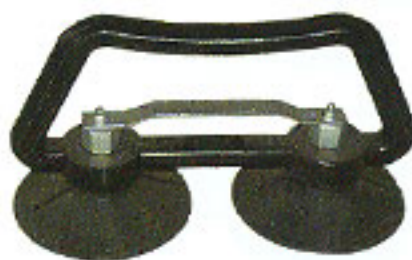


LF-06

## Panel Lifter



Single Cup Panel Lifter



Double Cup Panel Lifter (Black)

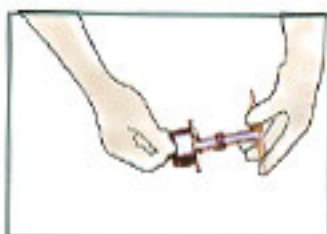


Double Cup Panel Lifter (Red)

## Installatoion Guide For LF504



△Drawing Square



△Emplace Pedestal



△Setup Panel



△Wring Bolt



△Adjust Level



△Finish Border

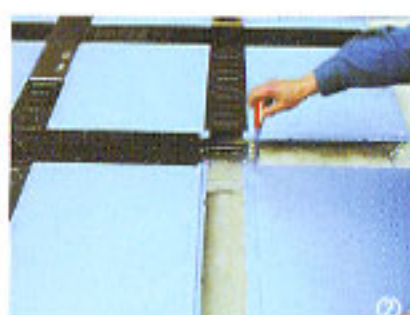


△Lay Carpet

## Installatoion Guide For LF505 / 506 / 507 / 508



△Setup Panel



△Adjust Height



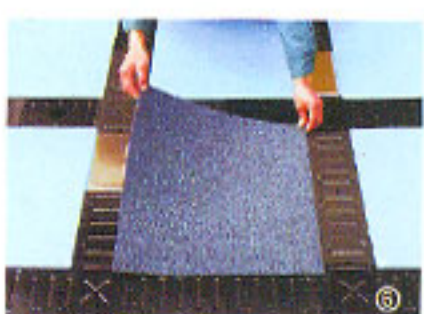
△Fasten Lock-nut



△Setup Cap



△Clear Panel



△Lay Carpet



ACCESS FLOOR SYSTEM

**CHANGZHOU LIANGFENG COMPUTER-ROOM  
EQUIPMENT CO.,LTD**

Add:HengLin Northern Industrial Zone 213101,  
Changzhou,Jiangsu,China

Tel:86-519-8491055 8491066 8491022

Fax:86-519-8491033 8491200

Website:[www.cnliangfeng.com](http://www.cnliangfeng.com)

E-mail:[selinagu@cnliangfeng.com](mailto:selinagu@cnliangfeng.com)

[frankren@cnliangfeng.com](mailto:frankren@cnliangfeng.com)