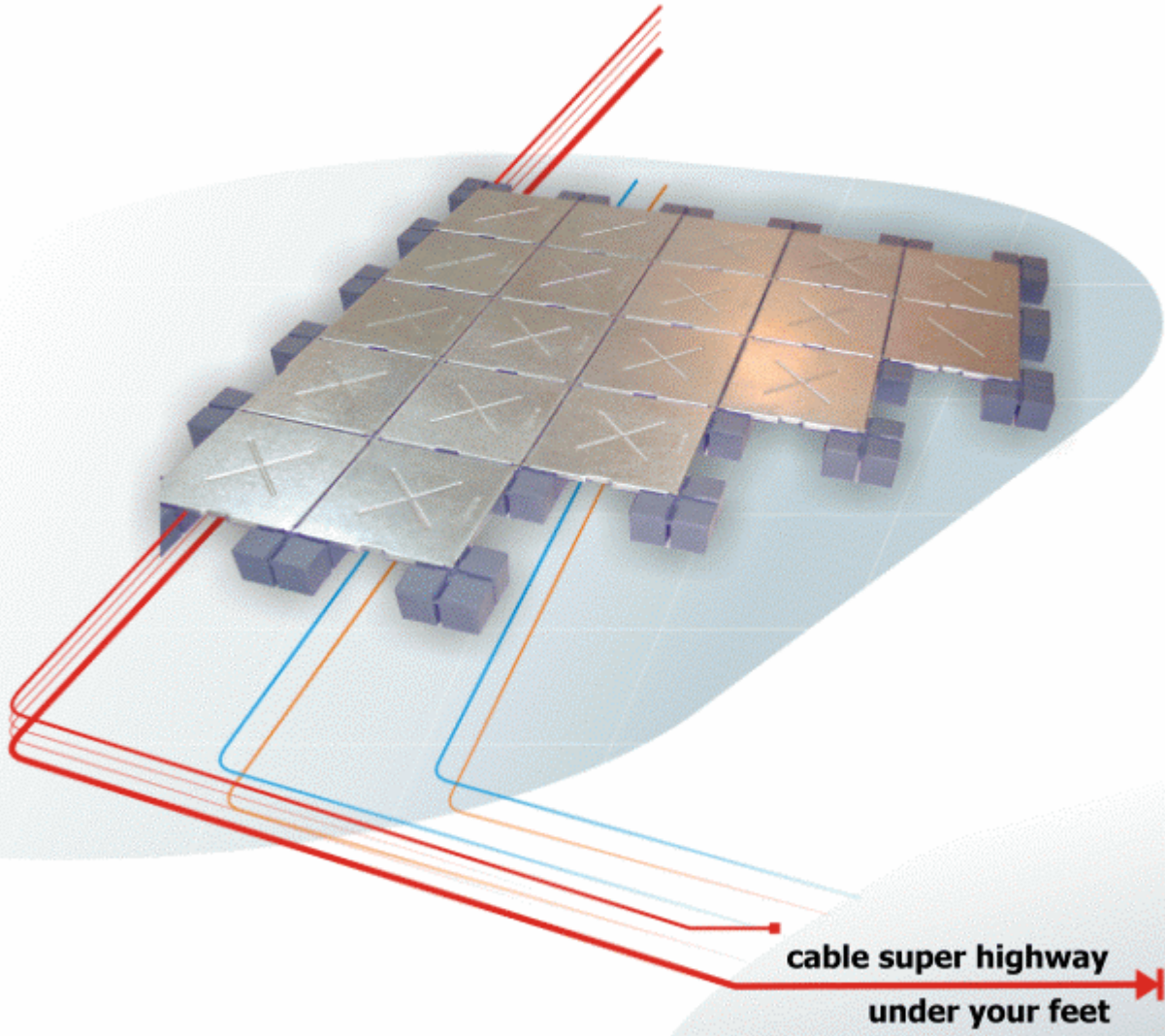




### Grand Square



# Grand Square GS-600

The dynamic development of internet and intranet create revolutionary demands of flooring systems which shall be component to provide high flexibility, accessibility of electricity, data and communication to the end user. As a low-profile cable management flooring specialist, **Netfloor** Grand Square is specially designing and developing for the modernization and upgrading in the computerized office and school.

## The System -- Simple, Effective

**Grand Square** is composed of 2 main components, Top-Panel and Base Connector. The Based Connector acts as connector and pedestal of the Top-Panel. Interlocking installation of the Base Connectors and Top-Panels forms standard-distance cable trenches automatically. The 120 mm width grid-form cable trenches provide large capacity for routing, facilitate free extension of data, voice and power cables, to reach workstations at any locations.

### Main Components:

1. **Top-Panel:** Galvanized steel, nominal 9" square, 8 mm, right angle bending at four edges.
2. **Base Connector:** As connector and pedestal. Composed of 4 pedestals, united by 6 mm width **Pedestal-Bridge**. The individual but united pedestals can effectively absorb the floor deviation. In central line of the Pedestal-Bridge, there are dividers to separate, and to allow the bending edges of Top-Panel to slot in.
3. **Earthing-Panel:** Top-Panel fixed with earthing wire. Installed one piece every 3 meters.



Base Connector composed of 4 pedestals

### Low Profile, extra large cable capacity

Height: **GS-600** series: 60 mm (2.36")

**GS-400** series: 40 mm (1.57")

### Cable Trenches:

width: 120 mm (4.72")

clearance: system height minus 8 mm

grid-form Cable Trenches every 228.6 mm.



Top-Panel: made of galvanized steel exit-notch at one side of panel.



Earthing-Panel: factory assembly earthing-wire fixed underneath.

### Full steel surface Top-Panel

Top-Panels are made of galvanized steel, interchangeable, and protect cables securely.



Extra large capacity Cable Trenches: grid-form, 120 mm (4.72") width within 228.6 mm (9")

## Cost effective, User & Environment Friendly

**Low initial cost** -- 4/5 materials and 2/3 labor costs comparing to most of the traditional access floor.  
One installer can complete 70 to 90 sq. meters (750 ~ 950 SF) per working day.

**Low maintenance costs:** Maintenance costs may be neglected.

**Re-usable:** Low transportation cost will be occurred. More than 95 % of the components are re-usable.

### User Friendly -- accessibility and flexibility to end user

#### Free distribution of cables

within every 9" (228.6 mm) to reach any positions. Full height dry wall or de-mountable partition can be erected on top of Grand Square. And cables are extended to any height at the partitions.

#### Lifting the Top-Panel

Just by using any type of screw driver or similar tool to lift the first piece. Rests may be lifted by hand.

For basic re-location and re-routing, office user can implement easily without calls of professionals.

**Junction Box** under Top-Panel: GS-600 accommodates junction box of size not exceeding 228 mm square (9" x 9") and height under 56 mm.

**Cable Extension to workstation:** Each Top-Panel has one exit-notch.

To extend wires from Cable Trench. Revert the Top-Panel and adjoin the exit-notches to form a 35 mm x 12 mm cable-exit. The exit is sufficient for 3 to 5 cables' extension. Top-Panel may be cut at up to 9" x 9" opening at center for large amount of cables to extend from the Cable Trenches.

#### Floor-mounted outlet service boxes:

1. Netfloor SB603: fixed by replacing one Top-panel.
2. Accommodate to most type of local service box.

**Environment Friendly:** Main components are 100 % recyclable.

In the event of re-location, more than 95 % re-usable.

#### Quick Installation, Least Interference

1. Apply the sound attenuation blanket.
2. Deciding the starting rows, apply Base Connector to connect Top-Panel. Base Connector acts as connector and as pedestal of Top-Panel. Continuous interlocking process forms the Cable Trenches automatically. Make mistake? Simply lift the panels and reconfigure. For whole building renovation, installation may be proceeded quietly room by room, without interference to normal office operations.



Cables extended through the cable-exit



Power and data extension from the junction box under Top-Panel



Accommodate to international brands floor box of size not exceeding 228 mm sq. (9"), without cutting the panel.



Netfloor SB603 installed by replacing one Top-Panel, facilitates 2 power sockets, 3 data jacks.

## **Main Specifications**

Netfloor **Grand Square** system consists of **Top-Panel** (main panel), **Base Connector**, **Earthing-Panel** and all necessary accessories.

**Module Set:** 228.6 mm x 228.6 mm (9" x 9"). One module set = 1 Top-Panel + 1 Base Connector

### **System height**

**GS-600** series: 60 mm (2.36"); **GS-400** series (special run): 40 mm (1.57")

### **Cable Trench Capacity**

Width: 120 mm (4.72")

Clearance: GS-600: 52 mm (2.04"), GS-400: 32 mm (1.25")

### **Main Components**

**Top-Panel:** Made of 2 mm thick galvanized steel. Size 227 mm x 227 mm x 8 mm (8.93" x 8.93" x 0.31")

**Base Connector:** construction grade recycled polymer. Size: 108.6 mm x 108.6 mm (4.27" x 4.27")

**Earthing-Panel:** Factory assembled Earth-Panel shall be installed one panel every 3 meters.

Earthing shall be implemented by the electric technician.

**Ramp:** 1.6 mm (0.63") thickness galvanized steel

For GS-600: Size 750 mm (L) x 100 mm (W) x 60 mm (H)

For GS-400: Size 500 mm (L) x 100 mm (W) x 40 mm (H)

**Sound Attenuation Blanket:** 2.0 mm (0.08") thickness, rigid PE foam.

### **Loading property:**

Concentration Loads: 2.5 mm depression > 2,000 N (1" indenter)

Concentration Ultimate load: greater than 6,000 N (1" indenter)

Uniform Distribution Ultimate Load: greater than 150 psi (105,000 kg/sq meter)

### **Accessories**

Starting Rail, aluminum Ramp Rail, aluminum Skirting, etc., to support quick and efficient installation with least cutting at perimeter installation.

### **Environment Friendly:**

All components of the Grand Square are 100 % **recyclable**. In the event of re-location, all main components are more than 95 % **re-usable**.



100 % recyclable

**Warranty:** 5 years warranty. (Except when product is subject to abuse, negligence, abnormal use and not under Netfloor's installation instruction)



**In pursuing of quality improvement, manufacturer reserves the rights to vary specifications without prior notice.**

----- world-wide patent pending -----

a product of  
**NETFLOOR**<sup>®</sup> Cable Management Systems

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