



# LINKFLOOR

Woodcore Panel

## Linkfloor Woodcore Panel System

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

### PANEL DISCRIPTION

High density wood chipboard, it is available with thickness of 38mm for structures with or without stringers.

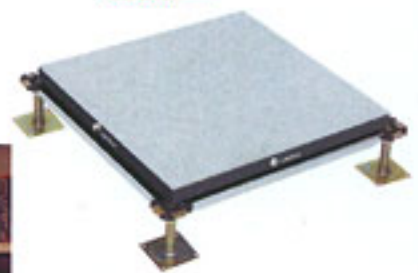
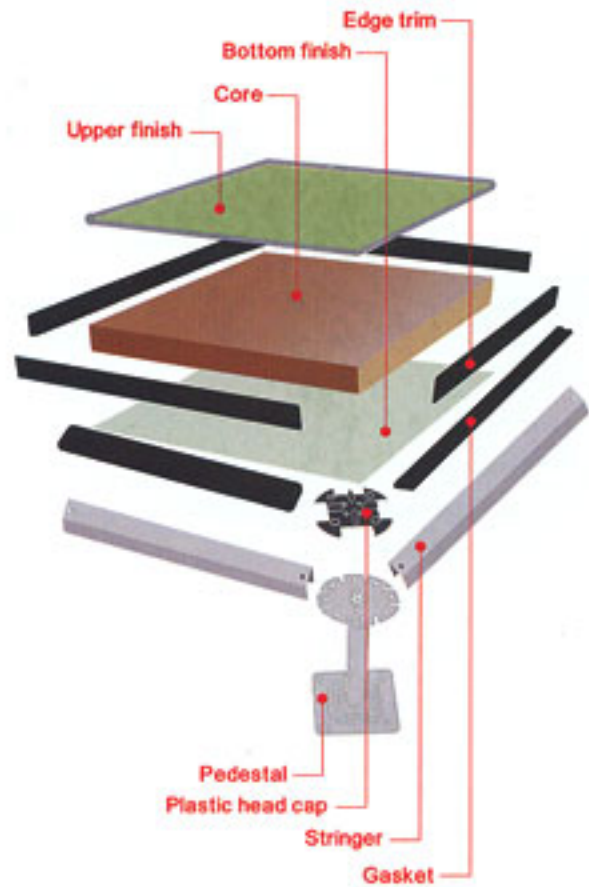
Panels are based on a 600mm square module constructed around the woodcore. The walking surface can be realized in various range of materials, such as HPL, PVC, rubber, galvanized steel, etc. The bottom side can be sheltered by an aluminium foil, galvanized steel sheet or coated steel sheet. The panel edges are then liminated with self-extinguishing, non-creaking black plastic materials which provides protection to the core and surface covering. Electrical continuity is provided through the panel construction to the steel base and hence to the pedestals.

The woodcore panel system offer high performance characteristics in a fair valued product. Its solid feel and light weight offers an economical solution to your access floor need.

### SUBSTRUCTURE: Steel systems

**Stringer:** Stringer is used to improve the stability, the rigidity of the structure, the bearing capacity of the whole system. They are individually and rigidly fastened to the pedestal with one machine screw for each foot of stringer length. It boasts solid tube construction to resist bowing and spreading during load impacts, and a solid vinyl strip for a snug, quiet fit between stringer and panel.

**Pedestal:** The pedestal design utilizes a 90mm diameter head which allows the use of standard plastic head caps. The baseplate is nominally 100mm square and includes provision for the use of mechanical fixing to the sub-floor in addition to the use of pedestal adhesive if required. The pedestal head design allows for the use of bolt-on stringers if required.



## TYPICAL AREAS OF APPLICATION

- ◆ IT rooms and switching centres.
- ◆ Control stations, Telecom rooms, TV studios.
- ◆ Industry and working rooms
- ◆ Computer rooms, laboratories of analysis, etc.
- ◆ Office and construction areas.

## Feature benefits

- ◆ Economical
- ◆ Panel construction gives Class 1 fire rating
- ◆ Good acoustic performance
- ◆ Excellent lateral stability
- ◆ Dimensional Accuracy
- ◆ Excellent grounding and electrical continuity
- ◆ Simple, Fast Installation

## TECHNICAL SPECIFICATION



### General Characteristics

Size	600x600mm			
Thickness without covering	38mm			
Panel weight (kg)	9.8±3%			
Density (kg/m <sup>3</sup> )	720±20			
Walking sound level at 500Hz	21dB			
Fireproof rating	Class 1			
Size variations after 24h of immersion into water	<10%			
Electrical resistance for non-conductive panels(Ohm)	10 <sup>6</sup> -10 <sup>10</sup>			
PanelLoad	Constructure	HPL/Core/Steel	Vinyl/Core/Steel	Steel/Core/Steel
	Concentrated Load(N)	4000	3500	4500
	Uniform Load(N/m <sup>2</sup> )	19500	14800	22000
	Ultimate Load(N)	12000	10500	13500
	Impact Load(N)	670	670	670



ACCESS FLOOR SYSTEM

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