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# Linkfloor

## *Encapsulation Panel System*

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

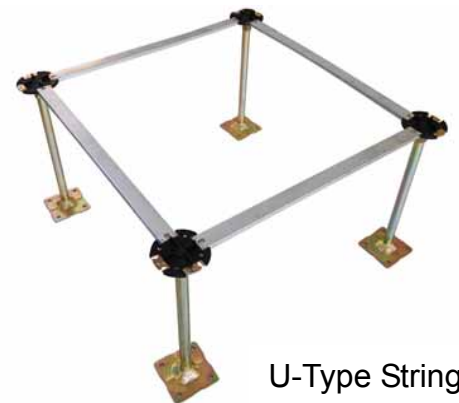
### Panel Discription

These floor panels are based on a 600mm square module constructed around a high density chipboard core or calcium sulphate core. The hot dipped galvanized formed steel sheet shell comprises of a bottom sheet that is wrapped around and laminated to the board core. This is then mechanically stitched to the top steel for greater strength and to provide full electrical continuity of the system. These panels have a class A flame spread rating and provide excellent rigidity, durability, and acoustic performance.

### 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 and U-Type stringers if required.



U-Type Stringer



Bolt-on Stringer

## TYPICAL AREAS OF APPLICATION

- General offices
- Telecom rooms, TV studios.
- Conference rooms
- Computer rooms, Laboratories of analysis, etc.

## FEATURE BENEFITS

Made from regenerative raw material  
 Hazard-free and emission-free  
 Good acoustic, waterproof and rotproof performance  
 Excellent grounding and electrical continuity  
 Solid underfoot  
 Class A flame spread and smoke development rating  
 Excellent load-bearing capacity  
 Excellent lateral stability

## TECHNICAL SPECIFICATION

General Characteristics		
Core material	Wood core	Calcium Sulphate core
Size	600x600 ± 0.5mm	
Thickness without covering	28 ± 0.3mm	
Panel weight (kg)	9.8 ± 3%	16.5 ± 3%
Density (kg/m <sup>3</sup> )	720 ± 20	1500 ± 50
Walking sound level at 500Hz	20dB	
Fireproof rating	Class A	
Size variations after 24 h of immersion into water	0.3%	
Max. water absorption	20%	
Loading Capacity		
Concentrated Load (N)	3000	6000
Uniform Load(N/m <sup>2</sup> )	8000	30000
Ultimate Load (N)	9000	18000
Impact Load(N)	550	780