

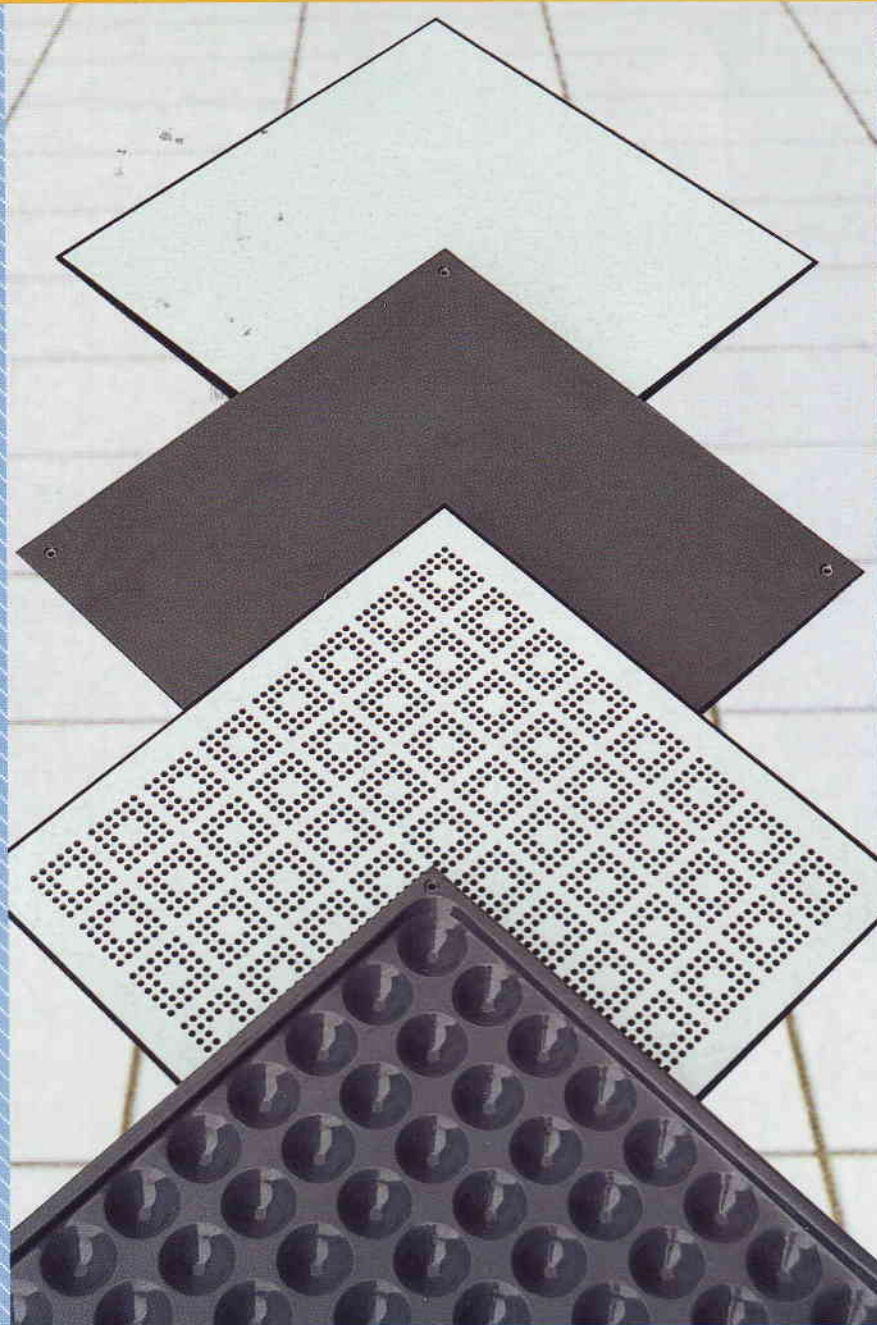
*Uniitech*

Access Floors



# Unitech

## Access Floor System



All intelligent buildings these days are designed and constructed to remain functional well into the 21st century - the next millennium. With the rapid advancing technology in information technology, multimedia, networking, cyber space and computerisation, it generates a host of multi cabling systems such as power supply and LAN cables. If left improperly concealed, undesirable interior space appearance and excessive heat will result. Unitech Access Floor Systems offers the unique solution to meet these functional requirements of intelligent buildings yet provide a pleasant and cosy working environment.





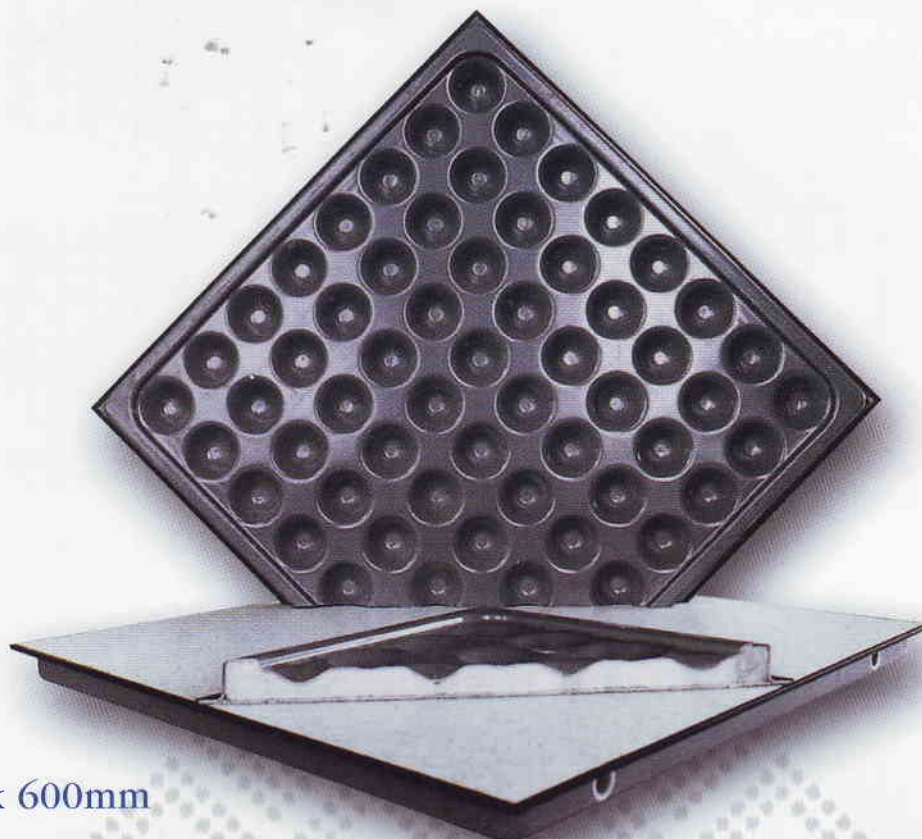
Unitech Access Floor System offers aesthetic interior space solution economically without compromising high standard and performance; thus ideal for all commercial, industrial and institutional applications.

Unitech Systems allows for easy future relocation, upgrading and maintenance of various cabling systems, industrial equipment and computer systems including main frame servers.

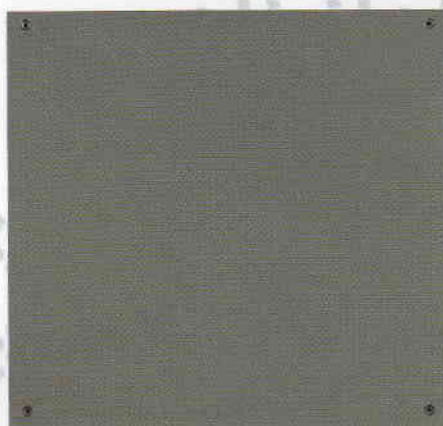




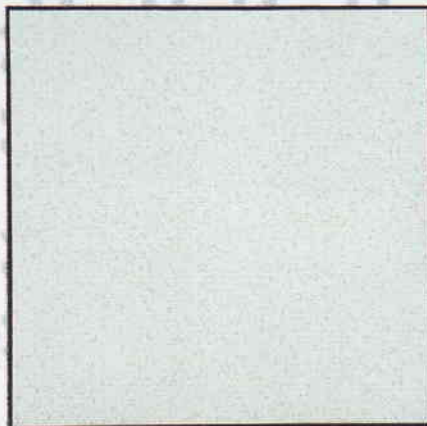
- *FS (Filled Steel) Type*



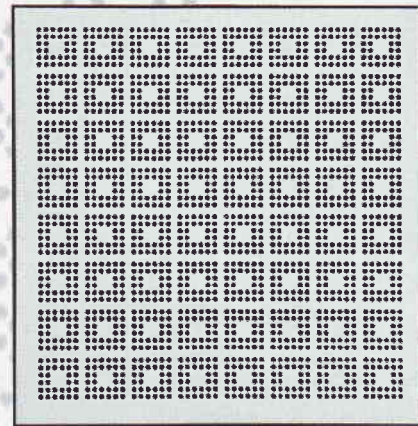
- 600mm x 600mm



- Bare Panel  
FS 800



- High Pressure Laminate (HPL)  
FS 1000



- Perforated HPL Panel  
P 1000

Unitech Access Floor Systems employs the unique 64 domes' design and are available in Bare, High Pressure Laminate (HPL) and Perforated HPL Panel, filled with light weight cementitious in-filled core for acoustical properties and added mechanical strength. All panels are completely corrosion protected by total encasement in hot dipped galvanized.

### STEEL ACCESS FLOOR PANELS CEMENTITIOUS INFILL CORE PANEL

PANEL	SYSTEM	WEIGHT	STATIC LOADS			ROLLING LOADS		IMPACT LOADS
			Conc.	Uniform	Ultimate	10 passes	10,000 passes	
FS 800	Corner Lock	41kg/m <sup>2</sup>	3.6KN	10.8KN	13KN	363kg	272kg	40kg
FS 1000	Bolted Stringer	46kg/m <sup>2</sup>	5KN	15KN	18KN	363kg	272kg	40kg
<b>FS 1250</b>	Bolted Stringer	51kg/m <sup>2</sup>	6KN	18KN	22KN	363kg	272kg	40kg
FS 1500	Bolted Stringer	56kg/m <sup>2</sup>	6.8KN	21KN	25KN	363kg	272kg	40kg

### STEEL AIR-FLOW PANEL (PERFORATED PANEL)

PANEL	SYSTEM	WEIGHT	STATIC LOADS			ROLLING LOADS		IMPACT LOADS
			Conc.	Uniform	Ultimate	10 passes	10,000 passes	
FS 1000	Bolted Stringer	46kg/m <sup>2</sup>	5KN	15KN	18KN	363kg	272kg	68kg
FS 1250	Bolted Stringer	51kg/m <sup>2</sup>	6KN	18KN	22KN	363kg	272kg	68kg

### HPL (HIGH PRESSURE LAMINATE) PHYSICAL / MECHANICAL DATA

NAME OF ITEM	SURFACE RESISTIVITY	VOLUME RESISTIVITY	COMBUSTION PROPERTIES
STANDARD HPL	1.0 x 10 <sup>5</sup> - 1.0 x 10 <sup>9</sup> ohms	1.0 x 10 <sup>5</sup> - 1.0 x 10 <sup>8</sup> ohms	F1

FIRE BEHAVIOUR	RESULT
BS 476 PART 4: 1970 - Non-Combustibility Test for Materials	Non-Combustible
BS 476 PART 6: 1989 - Method of Test for Fire Propagation	Class O
BS 476 PART 7: 1997 - Surface Spread of Flame Test	Class One

UNITECH Access Floor System have been tested and comply to the following international standards by PSB, Singapore:

- MOB (PSA) PF2 PS/SPU (1992) - Platform Floors (Raised Access Floors), Performance Specification
- CISCA Codes of Practice - Recommended Test Procedure for Access Floors

PSB Test Reports are available upon request.



### *Corner Lock System*



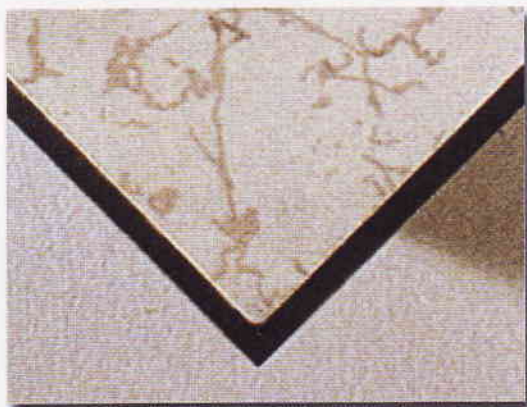
Unitech unique corner locking system comes complete with four stainless steel fasteners to prevent rocking creaking or jamming of panels. Panels are removable by releasing the four fasteners and will remain positively locked onto pedestal head even without the fasteners in place.

### *Stringer System*

Unitech stringer system, constructed out of galvanized steel, is designed and fabricated to interlock with pedestal head and form a modular grid system. The center part of stringer shall support at least 115kg without any deformation.

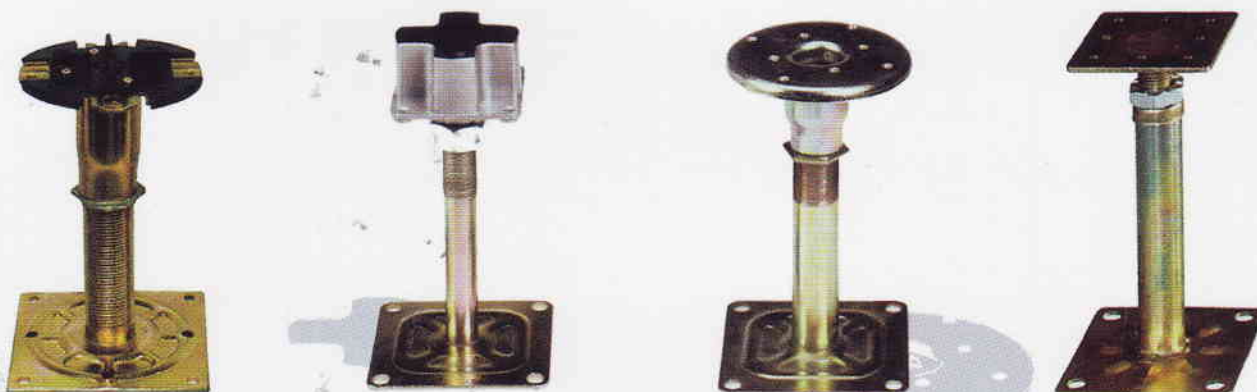


#### **INTERGRAL TRIM**



#### **BENEFITS**

Unitech's unique Integral Trim eliminates any potential for separation of edge trim from the panel. The edge of the HPL is revealed to provide a decorative edge which is permanently fixed to the panel.



Unitech pedestals are available in Finished Floor Height (FFH) from 75mm up to 1.5m high and Electro-galvanized in the factory to prevent corrosion.

Pedestal assemblies consist of a head and base assembly capable of sustaining an axial load of 22KN.

Pedestal bases are generally square shaped and measure 100 X 100mm and welded to a steel stud or tube.



• Airflow Panel



Panel Lifter •



• Gromet



• Service Outlet Box



Corner locking Pedestal •