

# TANKARIA ACCESS FLOORS



OFFICES



RETAIL



UTILITIES



TANKARIA



# Tankaria Access Floors

Access Floors Systems designed to exceed requirements for the present and future

**"Our VISION is to provide high quality Access Floor products within reasonable time frames coupled with dependable customer service and client satisfaction."**

## High Performance, Energy Efficient Buildings

Rising energy costs and green legislations for environmental conservation are changing the demands on built environments. New buildings and renovations strive to offer flexible indoor spaces that reduce the environmental impact of construction and building operations.

Tankaria Access Floor systems provide an effective solution to these new demands while delivering high performance benefits in improving the indoor environment and providing sustainable returns by reduction in energy consumption and material use, and at the same time proving to be cost effective to traditional construction. As a direct result, raised floors with underfloor service distribution have become standard solutions in commercial construction today.

At Tankaria, we diligently assist developers and clients with advice on Access Floors that cover initial inquiry to specifications building, budgeting, supply, installation and maintenance.

## Why Tankaria Access Floors?

### FIRST BUILD BENEFITS

- Reduce slab-to-slab height
- Reduce labour costs
- Reduce materials: cabling, wiring, ducting, structural materials
- Streamline construction schedule

### LONG-TERM BENEFITS

- High flexibility in floor plan reconfiguration of equipment / workstations; in matter of hours
- Easily accommodate technology advances
- 30% reduction in energy costs

### HIGH PERFORMANCE ENVIRONMENT

- Data, voice, electrical on-demand
- Conceals data cables, trays and wirings, thereby giving a neat and uncluttered appearance to the Helps in easy movement and in avoiding the dangers of hanging or expanding power connections.

### GREEN BUILDING

- Improved indoor air quality
- Reduced energy consumption
- Reduced first-build and long-term waste

### IDEAL MARKETS FOR ACCESS FLOORS

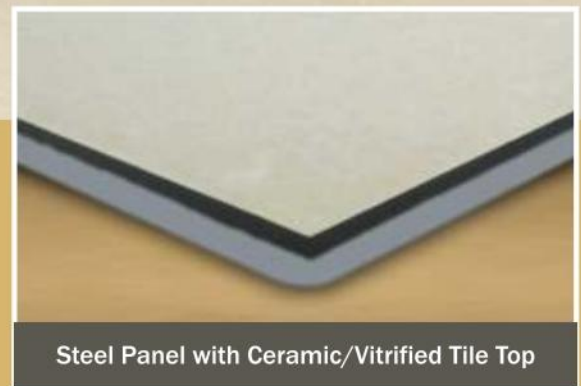
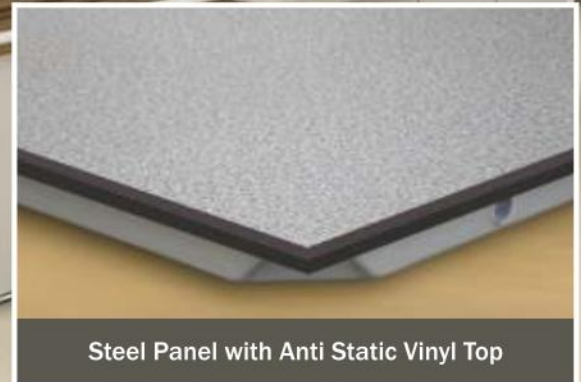
- Offices, Call Centres, Internet Data Centres, Retail, Air Traffic Control, Hospitals, Institutions, Cinema Halls and many more applications.





# Tankaria Floor Panels

## SPECIFICATIONS & OPTIONS



### TANKARIA ACCESS FLOOR SELECTION CHART

PANELS		LOAD IN KGS.			ROLLING PASSES	
Name	Description	Concentrated Per Sq.In.	Uniform Per Sq.Mt	Ultimate Per Sq.In.	10	1000
TAF 800	NORMAL	363	1496	953	362	272
TAF 1000	STRONG	453	1722	1220	453	362
TAF 1250	HEAVY	567	2267	1463	566	453
TAF 1500	EXTRA HEAVY	680	2720	1829	680	566

\* Please contact our sales team for panel requirements stronger than TAF 1500.

# Tankaria Access Floors

Typical Understructure & Underfloor Cable Management Installation



Floor boxes to provide power, data and telecom services to desk positions

Carpet tiles or other floor finishes

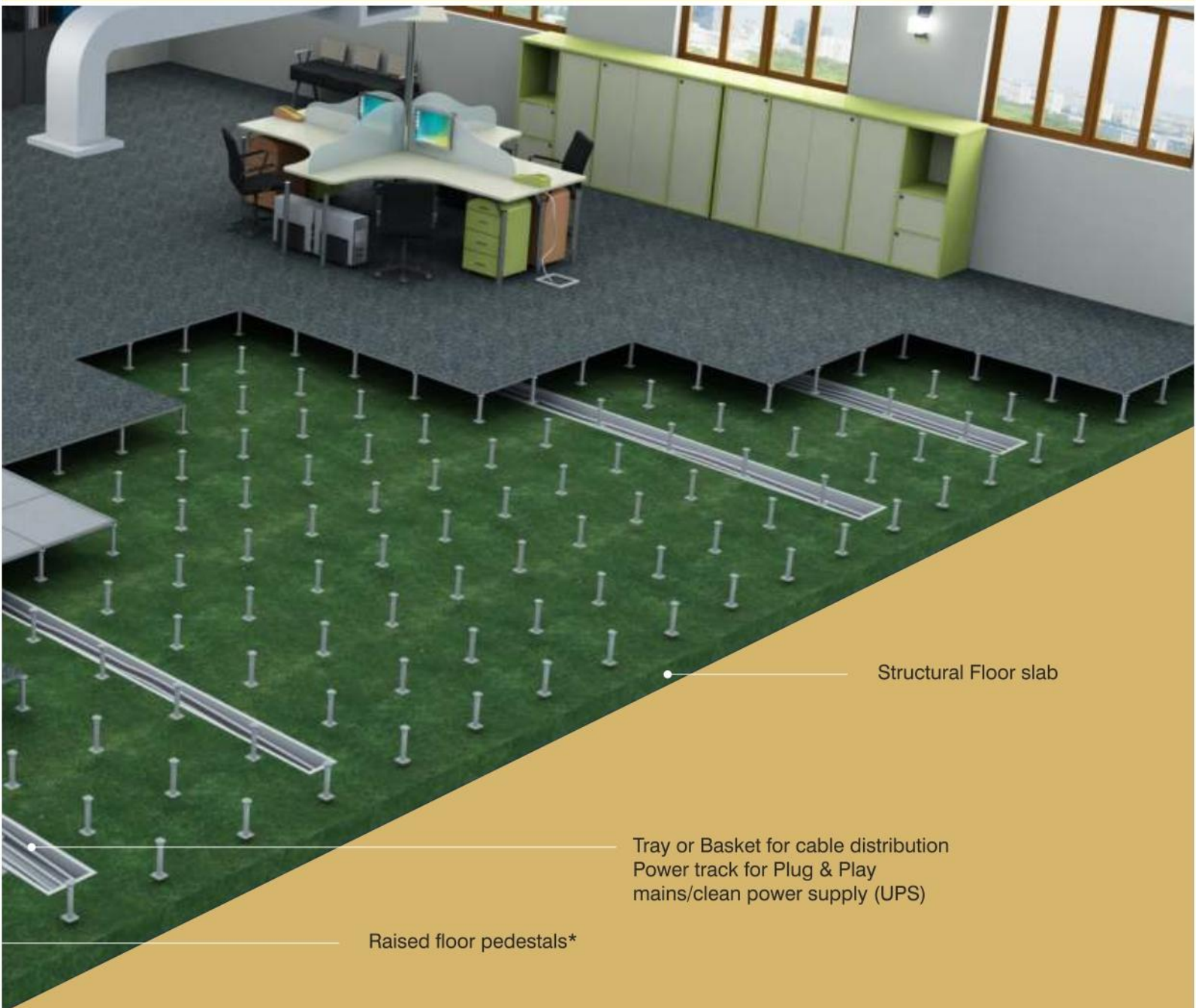
\* Finished floor height (FFH) 75 to 600mm (typical)





Due to growth in technology and environmental concerns, the need for raised access floors has increased more in offices than in computer rooms. In order to develop future-proof facilities, raised access floors are widely used to house critical services such as modular cabling for power, voice, data, and HVAC systems.

Raised access floors provide manageable infrastructure for changes in office layouts and technology deployment. With enhanced environmental performance, each of these elements contribute to create an integrated flooring system that is environment friendly, cost efficient and easy to adapt.



Structural Floor slab

Tray or Basket for cable distribution  
Power track for Plug & Play  
mains/clean power supply (UPS)

Raised floor pedestals\*

Raised floor panels provide a range of  
loading options dependant on application

# Access Floor Systems

## TANKARIA FLOOR PANEL SYSTEMS

### CORNERLOCK SYSTEM

Location of the panel is positively retained using Corner-Lock Screws fixed directly to pedestals. Bare steel panels are supplied and installed in Powder Coated Epoxy Paint finish ready to accept an independent floor covering on site, Finished floor height from 75mm to 600mm.



### SCREW DOWN SYSTEM

Location of the panel is positively retained using Screw fixed directly to pedestals. Bare steel panels are supplied and installed in Powder Coated Epoxy Paint finish ready to accept an independent floor covering on site, Finished floor height from 75mm to 600mm.



### STRINGER SYSTEM

Stringers are located on pedestals, creating a 600mm x 600mm grid, which enhances stability of the floor and improves the load performance. The panels are loose laid into the grid. The panels are supplied and installed in factory fitted floor coverings such as Anti-Static High Pressure Laminate (HPL) or Vinyl. Finish floor height from 75mm to 600mm.



### WOODCORE STRINGER SYSTEMS

Stringers are snapped on to grooves on the round pedestal head creating a grid of 600mm x 600mm Or 610mm x 610mm which then forms an edge support grid system which increases the structural stability. The Woodcore panels are then laid on a gravity-held system that is extremely dynamic. These panels are top finished with the clients choice of Laminates or Vinyl and a bottom finish of either Aluminium foil or a GI sheet. These floor heights vary from 200mm to 600mm



Please contact us for floor heights in excess of 600 mm.

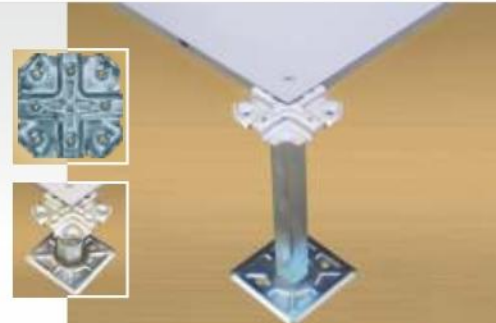


# Understructure Systems

## UNDERSTRUCTURE FEATURES

### CORNERLOCK SYSTEM

- Corner Lock design provides self-engagement and positioning of floor panels.
- Steel pedestal head provides optimum strength.
- Pedestal nut provides anti-vibration and locking features.
- Seismic force-resistant pedestals are available that limit or eliminate the need for special bracing.
- Typical floor heights from 6"-16".
- Also available in Low Finished floor height from 2.5"



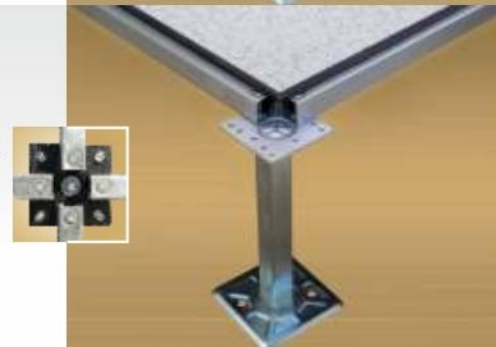
### FLAT PEDESTAL SCREW DOWN SYSTEM

- Steel pedestal head provides optimum strength.
- Pedestal nut provides anti-vibration and locking features.
- Seismic force-resistant pedestals are available that limit or eliminate the need for special bracing.
- Typical floor heights from 6"-16".



### BOLTED STRINGER SYSTEM

- Designed for computer rooms, data centers, industrial applications & heavy rolling load areas.
- Panels can be gravity-held in understructure for fast removal and replacement.
- Stringers provide lateral resistance to heavy rolling loads and seismic loading.
- Seismic force-resistant pedestals are available that limit or eliminate the need for special bracing.
- All components are free of electro-zinc, a potential source of zinc whiskers.
- Typical floor heights from 12"-24".



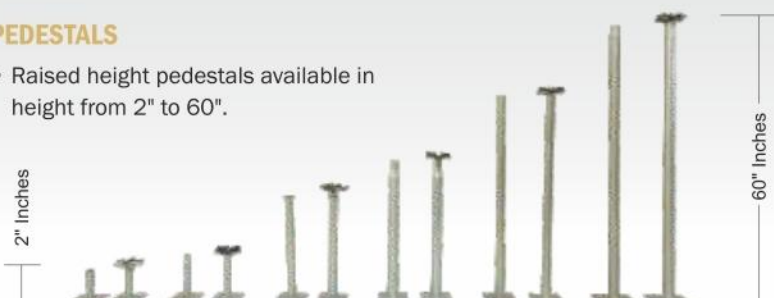
### SNAP-ON STRINGER SYSTEM

- Snap-on stringers are used for various finished floor heights.
- Snap-on stringers can be snapped on and removed by hand without any requirement of tools.
- Snap-on woodcore is a traditional option for heavy-duty stringer system.
- They are applied to woodcore systems.
- Snap-on stringers provide heavy-loading capacity without any permanent deformity.
- The installation of snap-on stringers does not require any screws or bolts for fixture as it has a tendency to snap on to the pedestal head.
- They increase the structural performance, thereby providing strength to wooden surfaces in raised access floors.



### PEDESTALS

- Raised height pedestals available in height from 2" to 60".



# Floor Finish

INTERCHANGEABLE PANELS WITH A VARIETY OF SURFACES

Tankaria access floors and under structure systems cater to a wide range of building applications, from offices to computer and power utility rooms, to laboratories, and beyond. These finish options give architects and designers practically unlimited freedom to create a look that is unique and co-ordinated to their project, while maintaining the versatility and convenience of an access floor system. Tankaria access floor finish options are virtually limitless.

## Possible floor materials and finishes:

### Carpet Tiles



### High Pressure Laminates



### Anti-static Vinyl



### Marble / Granite / Stone



### Wood finishes



Dealer / Distributor



### Mumbai

Tankaria Access Floors  
#614, Raheja Centre,  
214, Nariman Point,  
Mumbai 400 021, India.

Phone: ( 022 ) 2285-3645 / 46  
Mobile: +91 9867000445

### Ahmedabad

4, Rupak Society,  
Darpan Six Roads,  
Opp. Devkinandan Temple,  
Naranpura, Ahmedabad 380 014

Mobile: +91 9004678888

E-mail: [sales@tankaria.com](mailto:sales@tankaria.com) • Website: [www.accessfloors.in](http://www.accessfloors.in)