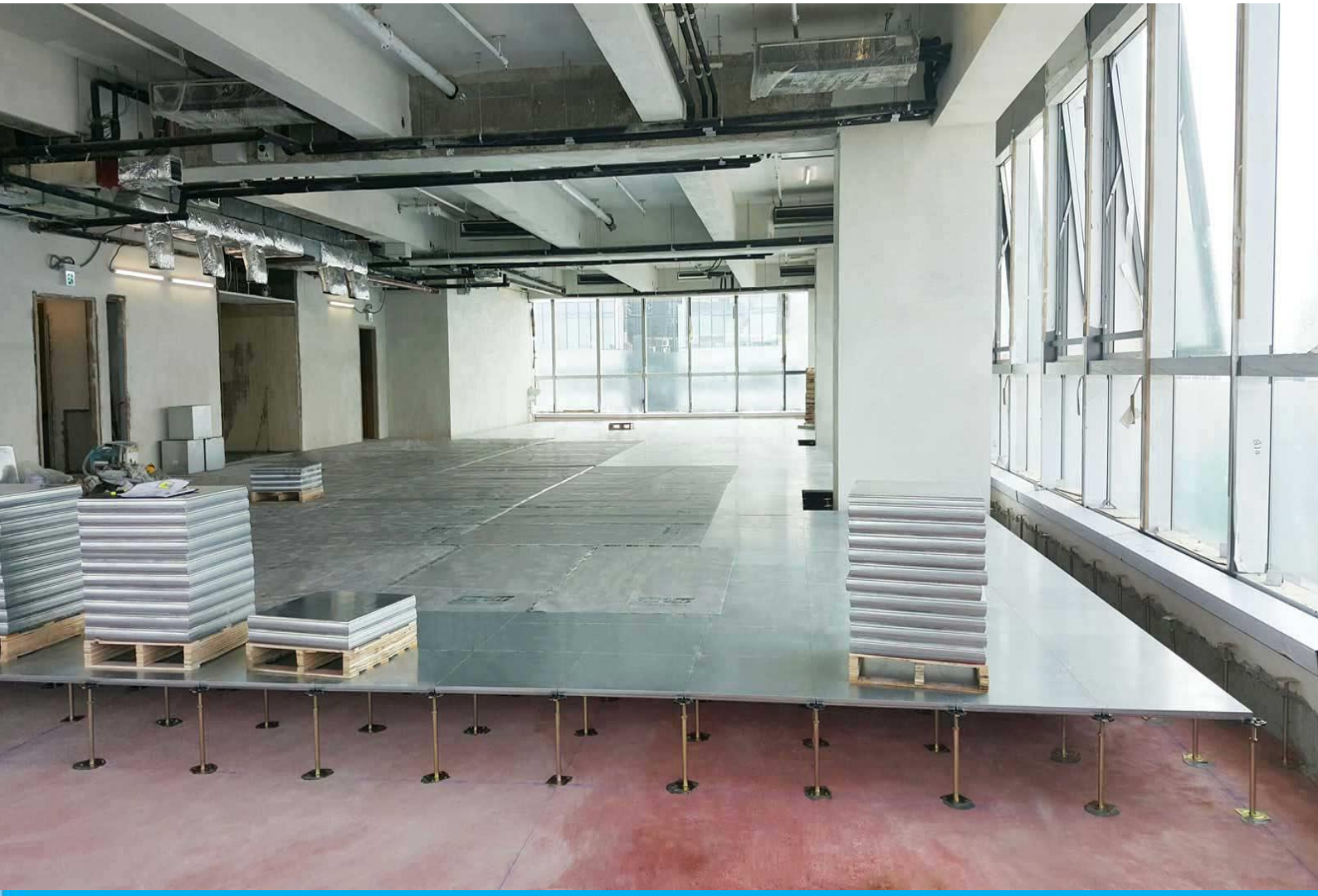
TITAN FLOR



APPLICATIONGENERAL OFFICE ENVIRONMENT

TITANFLOR® - 'ENCAPSULATED WOODCORE PANEL' SYSTEM

We are not producing products, we are producing values for you

OFFICE PANEL SERIES

Specification Details

Panel Type	TITANFLOR® Encapsulated Woodcore Panel
Understructure	TITANFLOR® FS-B-PST Understructure

Description of 'Encapsulated Woodcore Panel' System

The 'Encapsulated Woodcore Panel' system forms a rigid membrane by safely locking the panels in position, from above - by corner fixing screws. This locking system creates a stringerless raised floor that is capable of withstanding normal static and dynamic loads experienced in the majority of general office environments.

Performance Summary

Application	A general office environment where people, workstations and normal office equipment will occupy the space. The space is likely to be subject to equipment loads, normal levels of foot traffic and infrequent rolling loads in the office corridors and aisleways.
Acoustical Characteristics	The material structure, design features and high production precision of woodcore raised floor provide excellent acoustic values. The extremely good walk-on properties offer a high degree of comfort and create a perfect working ambience.
Ecology	Due to this environment friendly production process and the use of ecological materials, woodcore raised floor will be recycable at the end of its life - a very important economical aspect nowadays.
Moisture Resistance	Woodcore raised floor has a good performance to a (slight) degree of moisture. It is easier to maintain and clean floor, service life of floor will also be longer than a chipboard floor.
Surface Finish	The chipboard is fully wrapped around by hor dipped galvanizing steel, top & bottom steel sheet is pressed and riveted.
Fire Rating	All panels are to provide zero fire hazard indices under CISCA Platform (Raised Access) Floors Performance Specification – Fire and Safety Requirements.
Maintenance	All whole panels will be interchangeable allowing for any future changes. The access floor will maintain these original conditions when runs of panels have been removed for normal underfloor access.

Performance to Standards Guide per CISCA Platform

(Raised Access) Floors Performance Specification

Structural Performance: Provide access flooring system capable of supporting the following loads and stresses within limits and under conditions indicated, as demonstrated by testing manufacturer's current standard products according to referenced procedures in latest revised edition of Ceilings and Interior Systems Construction Associates (CISCA) "Recommended Test Procedures for Access Floors" referenced elsewhere in this section as CISCA/AF or, if not specified, manufacturers standard method

1. Concentrated Loads: To determine the maximum deflection(s) and permanent set(s) of an access floor under load.
2. Ultimate Load: To verify the ability of an access floor to accept the manufacturers' published ultimate load.
3. Rolling Loads: To determine the durability and/or deformation of access floor systems when exposed to commercially anticipated caster traffic using a specified load.
4. Uniform Loads: To determine the maximum deflection(s) and permanent set(s) of an access floor under a uniformly distributed load.
5. Drop Impact Loads: The purpose of this test is to show the effect upon access floor panels and supporting understructure system(s) when subject to impact from heavy loads being accidentally dropped onto the floor panel.
6. Pedestal Axial Loads: To verify the axial load an access floor pedestal assembly can withstand without structure failure or damage to components inclusive of threads, nuts, collars, etc.
7. Pedestal Overturning Moment Loads: To determine the overturning moment an access floor pedestal assembly and its application to the sub-floor can resist.

Type	Size	Rolling load		Uniform load		Ultimate load		Concentrated load			
		10PASS	10KPAAASS					0.100"/2.5mm DEFLECTION		0.080"/2.0mm DEFLECTION	
FS800	600*600*31mm	3.56KN	2.67KN	5000LB/㎡	22.22 KN/㎡	3260LB	14.50KN	1000LB	4.45KN	800LB	3.56KN

Add: No 9, Wuqing Rd., Henglin Town, Wujin District, Changzhou City, China, 213000
Web: www.htraisedfloor.com
Tel:+86 519 83999119
Fax:+86 519 85258785
Email: titan@titanflor.com