

OA SERIES OA RAISED FLOOR



RECOMMENDED APPLICATIONS



SYSTEM NAME:

OA600 RAISED FLOOR 3.0KG

DESCRIPTION

OA600 RAISED FLOOR 3.0KG is considered the classic system for commercial environments. It is widely used for office building and data cable management.

COMPLIANT STANDARDS

CISCA Recommended Test Procedures for Access Floors (2007)

SIZE 600mm x 600mm

DEPTH 33mm

CORE Cementitious Compound

FINISH

Standard powder coated finish.

CONSTRUCTION

The panels consist of a hardened steel top and bottom sheet plate with corrosion resistant protection, inside and out, encapsulating a structural cementitious core.

TOLERANCE

±0.25mm and a flatness tolerance of ±0.5mm measured on a diagonal across the top of the panel

CONNECTION

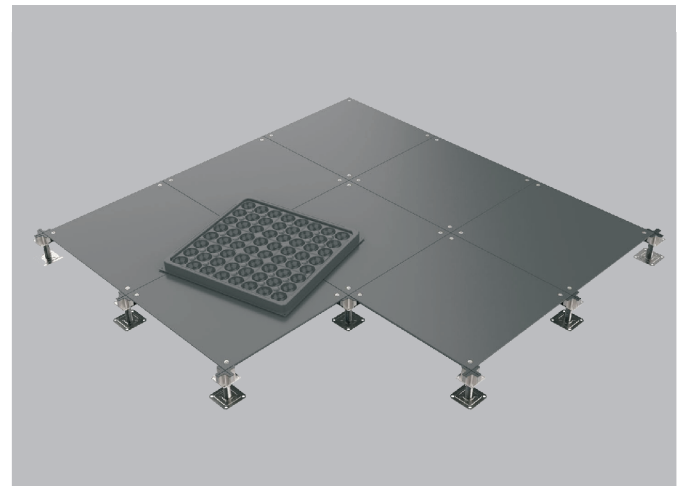
The panel is screw fixed to the pedestal head at all four corners.

PERFORMANCE TO STANDARD GUILD PER CISCA Recommended Test Procedures for Access Floors (2007)

Load Level	Panel(KG)	System(Kg/m2 at 150mm FFH)
800LBS	13.5	40.9
STATIC PERFORMANCE (KN)		
Concentrated Load	Impact Load	Ultimate Load
3.5	0.6	8.8
DYNAMIC PERFORMANCE (KN) -Passes		
10 passes (wheel size 75x25mm)	10,000 passes (wheel size 150x50mm)	40,000 passes (wheel size 200x75mm)
2.6	2.6	2.25

*All tests are performed using CISCA Recommended Test Procedures for Access Floors

- 1: Concentrated Load is based on permanent set 0.010" and is verified by loading panels in accordance with the CISCA concentrated load method but with panels installed on actual understructure instead of steel blocks.
- 2: Safety Factor is Ultimate Load divided by Design Load. The Concrete Panel has a Safety factor of 1.5



PEDESTAL SIZE

85x85 base plate

PEDESTAL CONSTRUCTION

Cold dipped galvanised steel pedestal base, head and rod. Aluminum head assembly.

COMPLIANT STANDARDS

The pedestal will be provides with an adjusting and locking nut to maintain the assembly at a selected height, which requires a deliberate action to change the height setting, and which prevents vibration displacement.

PEDESTAL FINISH

Cold dipped galvanized finish

PEDESTAL CONNECTION

The panels consist of a hardened steel top and bottom sheet plate with corrosion resistant protection, inside and out, encapsulating a structural cementitious core.

PEDESTAL FINISHED FLOOR HEIGHT (FFH)

The finished floor height of the access floor is measured from the sub floor to the top surface of the installed access floor.