

GALVANIZED STEEL CALCIUM SULPHATE RAISED FLOOR

RECOMMENDED APPLICATIONS



SYSTEM NAME

GALVANIZED STEEL CALCIUM SULPHATE RAISED FLOOR

DESCRIPTION

Galvanized steel calcium sulphate raised floor is considered the classic system for commercial environments. It is widely used for office building and data cable management.

COPMPLIANT STANDARDS

CISCA Recommended Test Procedures for Access Floors (2007)

SIZE 600mmX600mm

DEPTH 33mm

CORE Calcium Sulphate

FINISH

Bare Finish

CONSTRUCTION

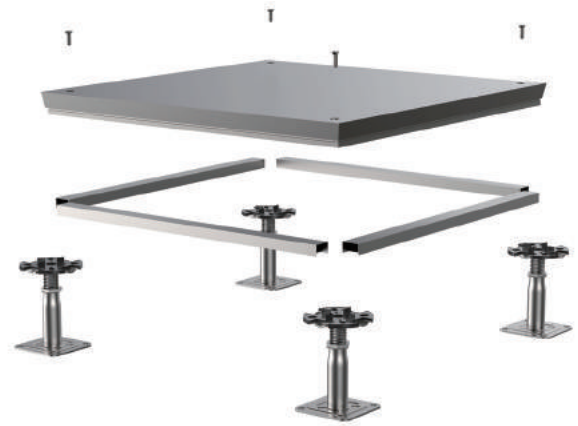
The Raised Floor panels consists of a calcium sulphate core and a encapsulated galvanized steel plate. It also has a corner lock systems to ensure panels remain locked together with sub structure.

TOLERANCE

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

CONNECTION

The Panel interlocks to the adjacent panels and can be 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)
1000LBS	20.0	56.9
STATIC PERFORMANCE (kN)		
Concentrated	Impact	Ultimate
4.4	0.6	8.9
DYNAMIC PERFORMANCE (kN) - Passes		
10 passes (wheel size 75x25mm)	10,000 passes (wheel size 150x50mm)	40,000 passes (wheel size 200x75mm)
3.6	2.7	2.25
<p>*All tests are performed using CISCA Recommended Test Procedures for Access Floors</p> <p>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.</p> <p>2:Safety Factor is Ultimate Load divided by Design Load. The Concrete Panel has a Safety factor of 1.5</p>		



PEDESTAL SIZE

Ø90mm top plate, 95mm x95mm base plate

PEDESTAL CONSTRUCTION

Cold dipped galvanized steel pedestal base,head and rod.

PEDESTAL LOCKING

The Raised Floor pedestals will be provided 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 requires a deliberate action to change the height setting, which prevents vibration displacement.

PEDESTAL FINISH

Cold dipped galvanized finish

PEDESTAL CONNECTION

The Panels is screw fixed to the pedestal Head at all four corners.

PEDESTAL FINISHED FLIOR 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.