

GRC SERIES GRC RAISED FLOOR

RECOMMENDED APPLICATIONS



SYSTEM NAME

GRC RAISED FLOOR

DESCRIPTION

GRC 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 500mmX500mm

DEPTH 26mm



CORE GRC Cementitious Compound

FINISH

Standard powder coated finish.

CONSTRUCTION

The Raised Floor 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
<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 85x85 base plate

PEDESTAL CONSTRUCTION

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

PEDESTAL LOCKING

The Raised Floor 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 panel 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.