

Unifloor FS800H Access Floor HPL Panel Rigid Grid Understructure

PANEL

The Access raised floor Panel shall be Unifloor medium grade FS800 Anti Static HPL Panel and point load of 3.6 KN per Sq Inch and UDL of 1350 Kg/m² test certified as per the PSA MOB PF2 SPU – UK Method of Building Standards. Panels shall be manufactured from steel with lightweight cementitious core in the size 600 X 600 X 35 mm. The top panel shall be finished with high abrasion anti-static High Pressure Laminate with PVC beading on all sides to provide protection of edges. The Panels shall confirm to class O (Non Combustible) Fire Ratings tested as per BS 476 Part 4: 1970 and the bottom of the panel shall be embossed in hemispherical shape to give strength and flexural rigidity. The entire panel shall be finished with electro deposition of cathodic epoxy paint on the exposed surface for lifetime protection and shall be Zinc Whisker free. All specifications hence mentioned shall be factory printed on the panels to ensure genuinity and reference and lot tested as per CISCA 1985-86 Recommended Test procedures for raised access floors.

SUB STRUCTURE -PEDESTAL ASSEMBLY

Pedestals of Unifloor consists of 100x100x2mm thick galvanized base plate die pressed orbitally riveted to 25mm OD 2.20 mmthick G.I. zinc coated pipe to engage, the pedestal head assembly consisting of 75mmx75mmx3.5mm, mechanically locked to corresponding threaded stud 16mm dia OD which is designed to engage the pedestal base assembly, the assembly shall provide a range of a height adjustment up to 50mm with the help of two check nuts. The pedestal shall withstand Axial Load of 2200kg. The sub structure assembly shall be suitably anchored to the floor with manufacturer recommended Anchor Fasteners or Epoxy Resin to achieve a FFH of 450mm.

STRINGERS

Unifloor Stringers system is all steel construction hot dipped galvanized rectangular snap lock channel 570x20x32x0.80mm ensuring maximum lateral stability in all directions. The stringer is hot dipped galvanized steel cold roll construction specially designed to stabilize lateral stability and to support the panels on all sides for alignment. The channels have counter sunk holes at both ends to accommodate bolting of the same to the pedestal head assembly. The grid formed by the pedestal and stringer assembly shall receive the floor panel, this system shall provide adequate solid, rigid support for access floor panel, the system shall provide a clear uninterrupted height between the bottom of the floor for electrical conduits and wiring etc.

Unifloor FS800 Access Floor Bare Panel Corner Lock System

PANEL

The Access raised floor Panel shall be medium grade Unifloor FS800 Anti Static HPL Panel and point load of 3.6 KN per Sq Inch and UDL of 1350 Kg/m² test certified as per the PSA MOB PF2 SPU – UK Method of Building Standards. Panels shall be manufactured from steel with lightweight cementitious core in the size 600 X 600 X 35 mm. The Panels shall confirm to class O (Non Combustible) Fire Ratings tested as per BS 476 Part 4: 1970 and the bottom of the panel shall be embossed in hemispherical shape to give strength and flexural rigidity. The entire panel shall be finished with electro deposition of cathodic epoxy paint on the exposed surface for lifetime protection and shall be Zinc Whisker free. All specifications hence mentioned shall be factory printed on the panels to ensure genuinity and reference and lot tested as per CISCA 1985-86 Recommended Test procedures for raised access floors.

SUB STRUCTURE -PEDESTAL ASSEMBLY

Pedestals of Unifloor consists of 100x100x2mm thick galvanized base plate die pressed orbitally riveted to 20mm OD thick G.I. zinc coated pipe to engage, the pedestal head assembly consisting of 5mmx75mmx3.5mm, mechanically locked to corresponding threaded stud 16mm dia OD which is designed to engage the pedestal base assembly, the assembly shall provide a range of a height adjustment up to 50mm with the help of two check nuts. The top head shall have a C-L Gasket to avoid rattle and squeaks The pedestal shall withstand Axial Load of 2200kg. The sub structure assembly shall be suitably anchored to the floor with manufacturer recommended Anchor Fasteners or Epoxy Resin to achieve a FFH of _____mm.