

Topwelltech

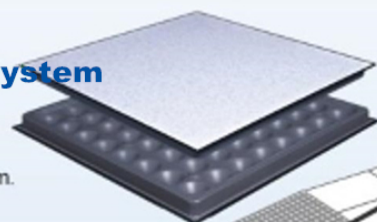
Access Floor Systems for Data Center

A Topwell Access Floor System

The Environmentally Preferred Flooring

Excellent load bearing strength, durable and acoustic performance.

- ❖ TUV SUD PSB Certified Access Floor System.
- ❖ Green Label Certified by the Singapore Environmental Council.
- ❖ Manufactured and tested with full compliance with PSA MOB PF2 PS/SPU March 1992, BS EN 12825:2001 and CISCA Standards.
- ❖ Conductive epoxy powder coated for corrosion resistance.
- ❖ Factory applied Anti-Static High-Pressure Laminate finish.
- ❖ Conductive panel's edge trim ensures electrical continuity.



B Topwell Rigid Grid Understructure System

- ❖ Excellent axial design load of 22.75kN for standard pedestals and 35.6kN for a heavy-duty model.
- ❖ Bolted stringers installed in basketweave configuration increases lateral stability.
- ❖ Conductive black gasket on stringers acts as a sound deadener as well as an air seal preventing air leakage from the floor plenum.
- ❖ Zinc whisker free system.

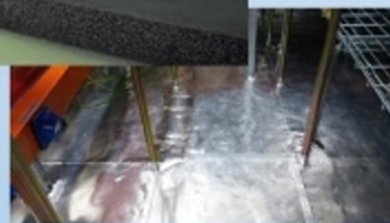


600mm
1200mm Stringer

C Underfloor Insulation

A 25mm thick closed cell elastomeric thermal insulation with Class O fire rating is laid over the sub-floor to prevent condensation on the soffit below.

Aluminium sheet of at least 0.4mm laid on top to act as a mechanical protection to the insulation. Aluminium sheets joints overlapped at least 5mm and taped with reinforced aluminium tape.



D Custom Designed Ramp, Stairs, Railing and Stands

We design and fabricate:

- ❖ Ramp & Steps:
- ❖ Metal steps and ramps designed for heavy load bearing capacity are factory fabricated and installed on site with a 5mm thick non-slip black rubber studded mat finish.
- ❖ Portable ramp.
- ❖ Equipment stands like CRAC, ISO stands.
- ❖ Aluminium drip tray.
- ❖ Stainless steel railings.



F Topwell Clear Glass Floor Panel

Natural anodised aluminium frame with 540mm x 540mm x 28mm tempered laminated clear glass insert.

- ❖ Enable monitoring of critical underfloor activity without having to lift any panels.
- ❖ Strong and safe.
- ❖ Easy to clean.
- ❖ Scratch resistant and shatterproof.
- ❖ Designed to fit most raised floor systems.
- ❖ Custom panels are also available.



Air Brush Grommets



E Air Brush Grommets

Grommets are designed to eliminate bypass airflow, increase capacity, enable higher density and lower energy consumption.

- ❖ Increases overall cooling capacity.
- ❖ Increases underfloor static pressure.
- ❖ Fire retardant ABS Polycarbonate.

