

CEILING

A range of ceiling options to complement our partitioning systems

The logo for Avanta features a stylized 'A' composed of three blue triangles pointing towards the top right, with a red triangle at the top left. To the right of this symbol, the word 'AVANTA' is written in a bold, blue, sans-serif font.

AVANTA

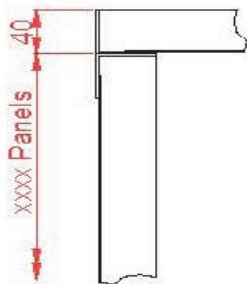
Workspace Creation

Call: 0800 975 4933

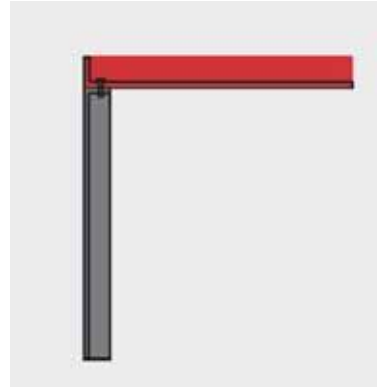
With a hardwearing powder coated finish, Single Skin Ceilings are constructed from Sigma or Bastion panels to give an economical but strong and secure solution.

Single panels will span up to 3657 mm. Spans above this will need support beams.

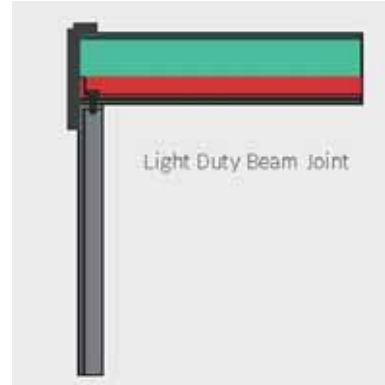
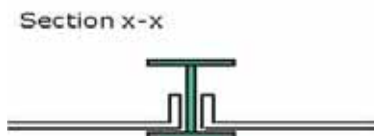
Lights can be fixed to the underside or suitable cut-outs can be factory formed.



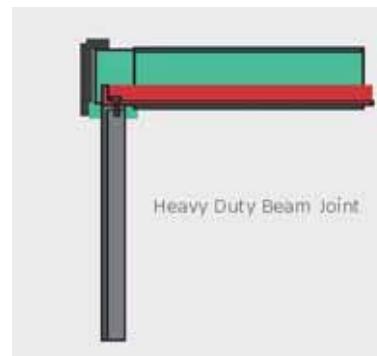
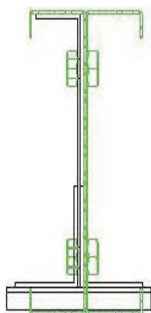
Roof Panel detail
(steel roof)



For Ceiling Spans of up to 3660mm, Steel or Mesh Panel Roof



For Ceiling Spans of up to 4800mm, use a light duty beam joint



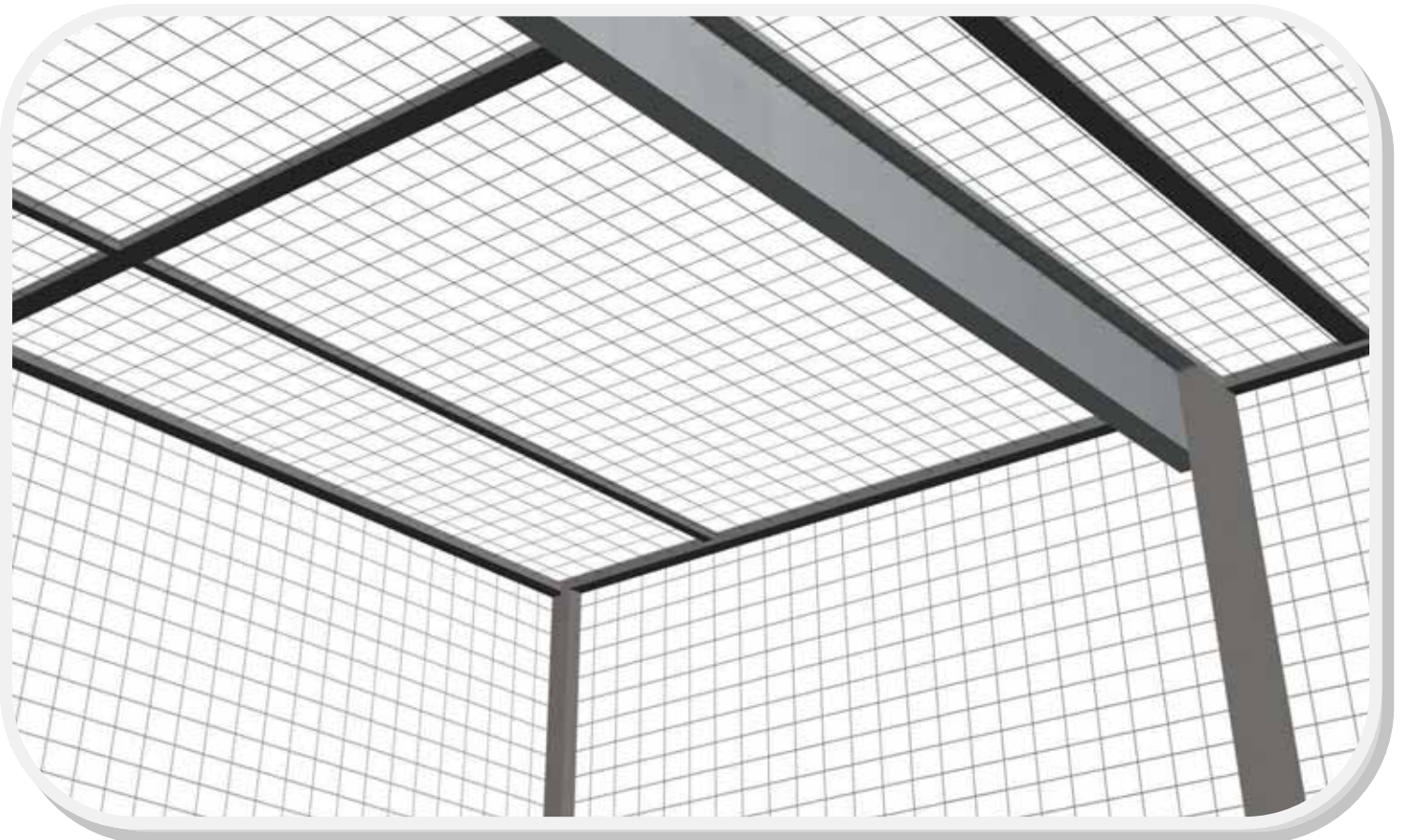
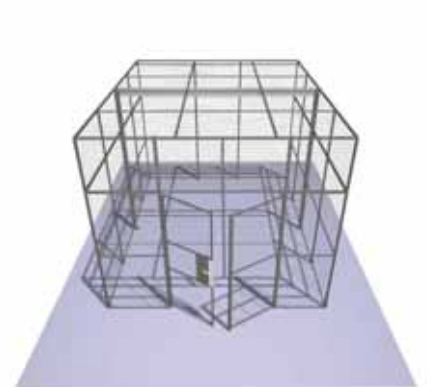
For Ceiling spans of up to 7000mm, use a heavy duty beam joint

Our Mesh Ceiling Solutions provide good visibility, maintain ventilation and also let in light from existing sources.



The Standard Ceiling Panel support structure is not suitable for walking on

The Strong C Channel ensures a stable and secure ceiling structure. Widths of up to 7000 mm are possible with our C Channels



These Double Skin Ceilings are formed from panels up to 2980 * 600 mm and have overlapping joints which negate the need for bolting together. The perimeter is finished with a fascia.



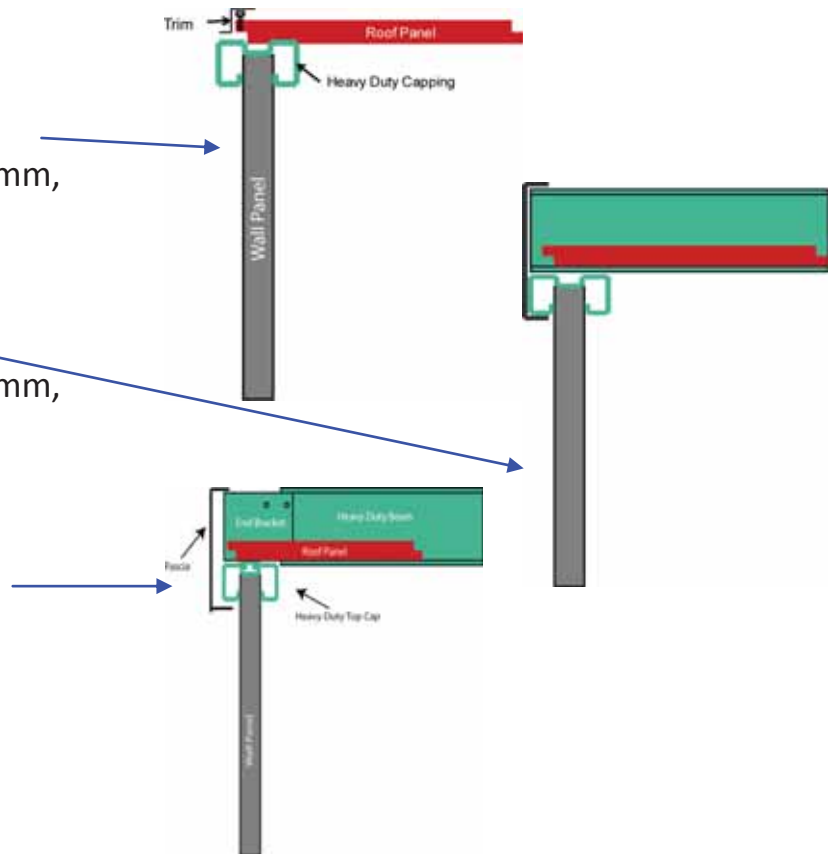
Spans above 2980 require an integrated beam which has a colour matched cover to the underside.

The hardwearing powder coated finish gives an easy to maintain surface.

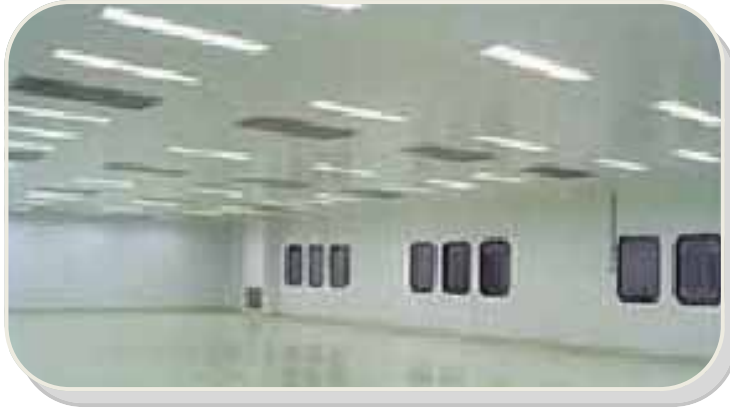
- For Ceiling spans of up to 3660 mm,
steel or mesh panel roof joint.

- For Ceiling spans of up to 4800 mm,
use a light duty beam joint.

- For Ceiling spans of up to 7000 mm,
use a heavy duty beam joint.

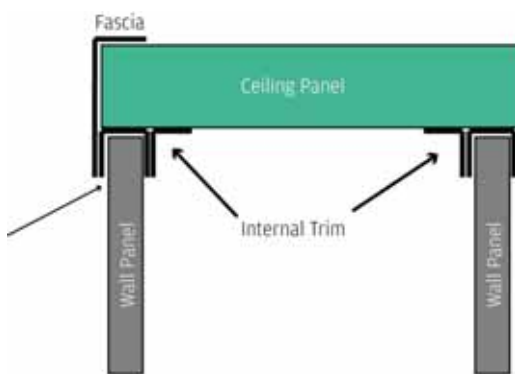
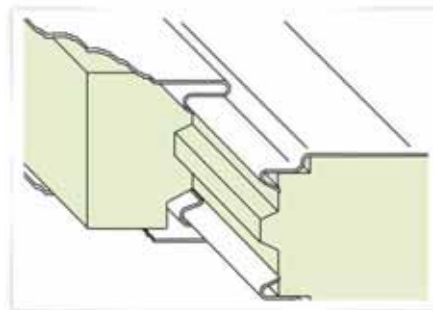


Lee Span Ceilings consist of double skin ceiling panels that can span large distances without the need of beams (depending up on overall span) and can also give a load capacity for one maintenance person. However, suitable support from the partition walls will be required.

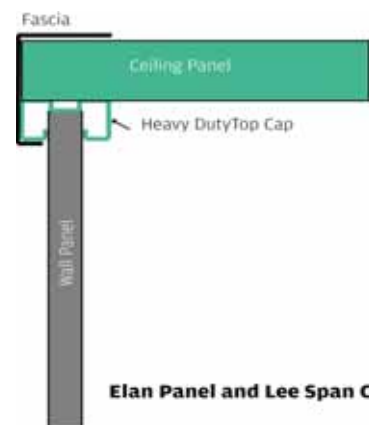


The finish is white powder coated, and the panels are supplied 1200 mm wide with a single line joint. Panel depth will range from 100 mm to 250 mm depending upon span and other requirements. Perimeter trims are also included.

The panel infill will be polystyrene or alternatively mineral wool will be used when a fire rating is necessary (45 minutes).



Titan Panel and Lee Span Ceiling

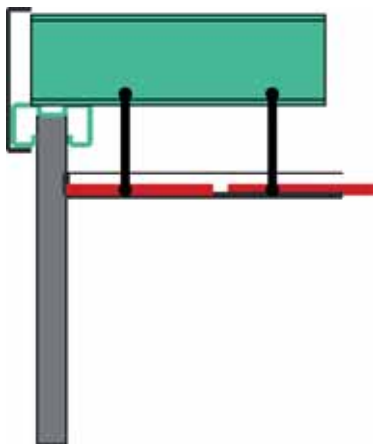


Elan Panel and Lee Span Ceiling

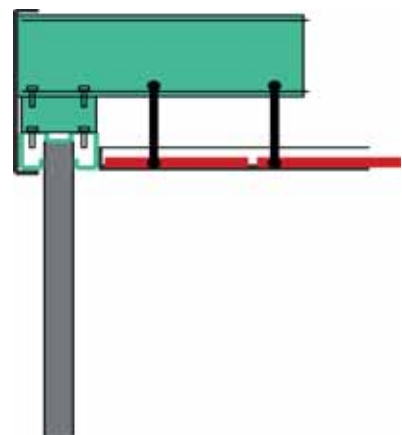
Various types of tiles and grids are available from an economical type for warehouse and factory applications, to higher grade materials which conform to cleanroom standards.



For Ceiling spans of up to 4800 mm,
Beam & Lee Grid Suspended ceiling



For Ceiling spans of up to 7000mm,
Beam & Lee Grid Suspended Ceiling



Ceilings can be self-supported from our beams, or suspended from suitable building steelwork



*Tiles are 600 * 600 or 1200 * 600 and can have inset **lights** as part of the package.*

Standard "Clip-In" System: Concealed grid modular ceiling with downward tile access.

This tried and tested system is probably the most widely used metal tile ceiling system. The tiles, manufactured to fine press tool tolerances, are clipped into a concealed Tee Bar Grid. Tiles are automatically levelled in the grid by special " Pip & Stop " registers, which are pressed into the side flanges of the tiles during manufacture. The robust grid system is easily installed and tiles can be removed and replaced for access to services. Modular or circular light fitting and grilles can be integrated within the Clip-In System, and various acoustic criteria can be met with the inclusion of acoustic inlays.

APPLICATIONS

- ⇒ Airports
- ⇒ Cinemas
- ⇒ Computer Rooms
- ⇒ Exhibition Centres
- ⇒ Hospitals & Laboratories
- ⇒ Hotels & Restaurants
- ⇒ Kitchens
- ⇒ Marine & Offshore
- ⇒ Office Area & Shower Rooms
- ⇒ Supermarkets
- ⇒ Theatres

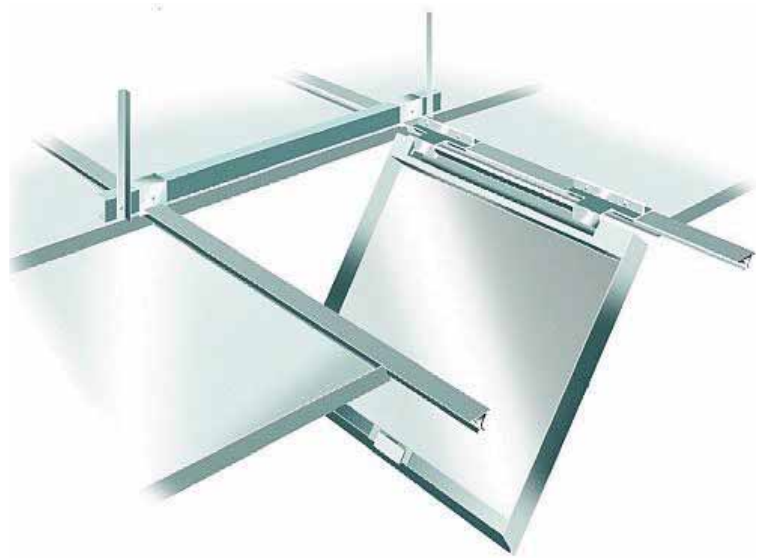




FEATURES & BENEFITS

- ⇒ One hour fire rating
- ⇒ Class 1 and Class 0 Surface spread of flame
- ⇒ Choice of tile edge detail
- ⇒ Standard sizes ex-stock
- ⇒ Ceiling takes up minimal void space
- ⇒ Simple downward access
- ⇒ Services easily integrated
- ⇒ Excellent fire performance

Access panels are manufactured to resemble the main ceiling panel both in respect to size and edge detail. They are used in locations where security tiles are employed or where regular access to the ceiling void is necessary for electrical or mechanical services or devices.



The panels are manufactured with reinforced frames that provides rigidity to the panel whilst permitting the panel to hinge down for access to the ceiling plenum. Access panels are fitted with locking devices to retain the panel in the ceiling which can be operated with a square shanked key (Budget Locks); in sensitive areas such as police stations or prisons the locks can be key operated (Yale Type).

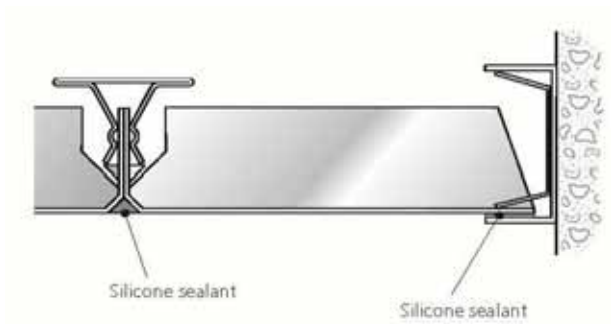
Where Yale Type locks are specified and there are numerous access panels required in a ceiling the keys can be “suited” such that the same key operates all of the panels if desired.



A totally air and dust tight ceiling can be achieved by using plain (un-perforated) bevel edged tiles with a silicone sealant applied between the joints of the tile.

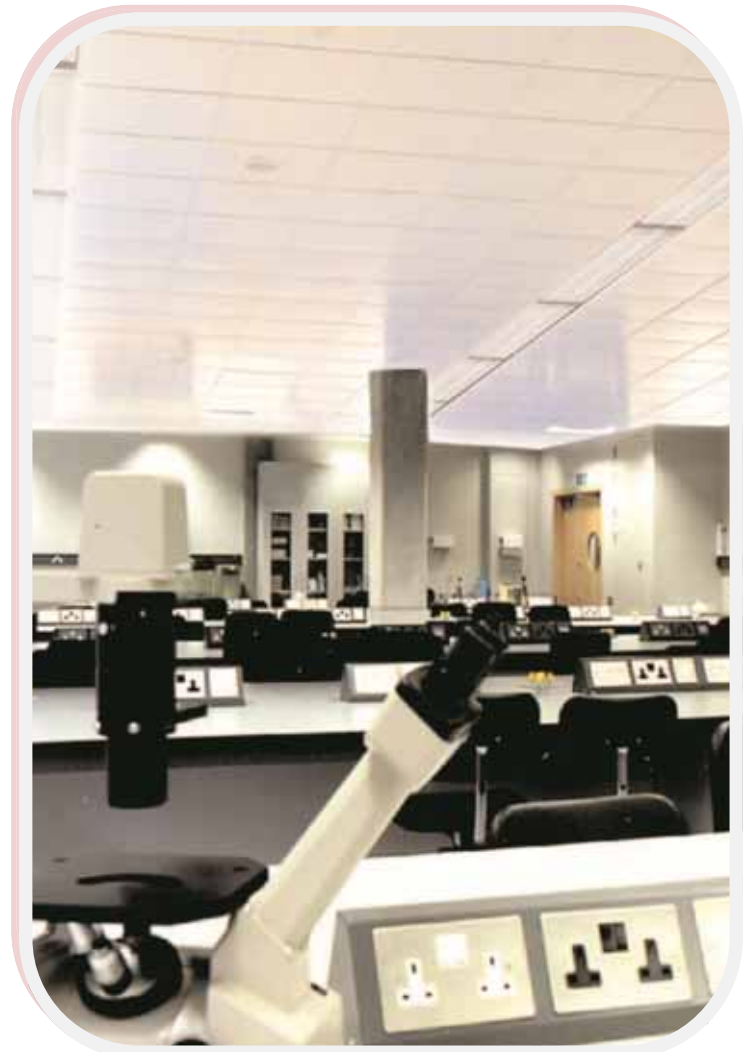
A bead of silicone can be applied onto the rear face of perimeter trim to provide a complete seal between the cut perimeter tiles and the trim.

Should access to the ceiling void be required, this is achieved using sharp knife along the tile joints to break the silicone seal. The tile can then be removed using a vacuum lifter or blade extractor and once the tile is replaced the seal must be reapplied around the tile.



Ceiling type: Clip in concealed grid metal suspended ceiling.

Access: Full access to the ceiling void is achieved once mastic sealant is removed.





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■ Mezzanine Floors ■ Steel Partitions ■ Pallet Racking ■ Shelving Systems ■ Workplace Equipment ■ Office Interiors

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