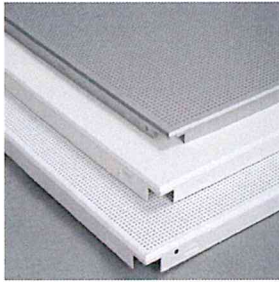


SPECIFICATION DATA SHEET

Product 3 : CONCEALED / CLIP - IN SYSTEM

❖ Panel Thickness :



Reference	Dimensions (mm)		Thickness (mm)		Quantity / Box
	A	B	A/M	Galvanized	
GTCT6060	600	600	0.5/0.6/0.7/0.8	0.4/0.5	22

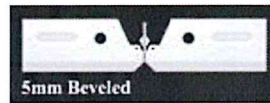
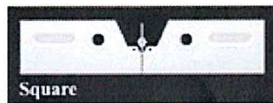
- ❖ **Surface Finish :** Plan / Perforated / Decorative Face Patterns
- ❖ **Raw Material :** Aluminum Alloy as per EN AW 3000 or 5000 series I Zinc plated Galvanized steel or Stainless steel (Brush/Mirror) as per ASTM A635-01.
- ❖ **Application :** Offices / Classrooms / Laboratories / Hospitals / Airports & Other Commercial installations
- ❖ **Features & Benefits :**
 - Choice of tile edge detail
 - Standard sizes ex-stock
 - Ceiling takes up minimal void space
 - Services easily integrated
 - Excellent fire performance

TILE DESCRIPTION:

- Tiles are manufactured from Steel and Aluminum with Square or Bevelled edges. The tiles are usually painted (Pre-coated or powder coated) and the face may be plain, perforated or decorative. The holes of specified diameter can be in straight rows, on a diagonal pitch (skewed) or with different designs.

➤ Panel Edges :

The tiles have on their upturned edges, an arrangement of 'pips' that locate into the tile supporting section. A method of controlling the level of the tile face when installed (referred to as the 'stop') will also be incorporated.



➤ Coating:

The panel will be polyester stove enameled or electro-statically polyester powder coated (Thickness 70-90 microns) to any RAL color as per architect's choice. The painted finish is salt spray tested for 1000 hours corrosion protection as per ASTM B 117-73 (Standard 9010 Off White / 9003 White). Anti-Bacterial finish as per JIS Z 2801 :2000 can be made available upon request.

➤ Fire Classification:

Surface spread of flame class 1 as per BS 476: Part 7: 1997, "Non-Combustible" material tested in accordance to BS 476: Part 4: 1970. Class 0 surface of material or composite product as per building regulations 1991. Fire propagation tested as per BS 476: Part 6: 1989. Additionally Fire Rated F90 system was tested for 115 minutes fire resistance in accordance to BS 476: Part 23: 1987, Clause 5.

SUSPENSION SYSTEM:



Tile Carrier Spring T:

Concealed Tee Bar grid (spring tee) 0.5 mm thickness 4mtr Length.



Perimeter Channel I Edge Trim:

“C” shaped channel fixed on the walls, edging at right angles to the panel.
11 Color and finish to match the panel.



L. Edge Trim with Locking System:

L shaped edge trim fixed to the walls. Color and finish to match the panel.



W Edge Trim with Locking System:

W shaped edge trim fixed to the wall to form a continuous groove. Color and finish to match the panel.



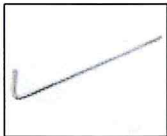
Wedge Anchor

Wedge anchors are a non-bottom bearing, wedge style expansion anchor for use in solid concrete or grout-filled concrete masonry. The threaded stud version is available in eight diameters and multiple lengths.



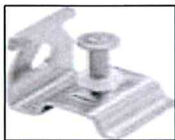
Suspension Channel/Nortile Stabilizer:

“C” shaped zinc plated galvanized steel channel.> 0.55mm thick for internal> 1.2mm thick for External I Fire Rated System



Hanger Wire

Hanger wire is suspended from the underside of the floor structure to provide a structural support for drop, gypsum wallboard or plaster suspended ceilings.



CEILING CLIP

Quick and easy fastening without drilling, For use with Concrete, Concrete (light) over metal deck, Concrete (hard), Steel.



Carrier Wire Clip:

0.55mm thick zinc plated galvanized steel wire clip.



Double Adjustment Clip:

0.6mm spring steel used for wire hangers.



Adjustable Spring Clip

INSTALLATION METHOD:

Step 1 - Mark the wall

- Using the water level or laser method, mark the desired height on the wall.

Step 2 - Attach the L-Angle

- Using screws and nails, fix the L-Angle on the walls at the marked height.

Step 3 - Complete the grid

- Mark the required distance intervals the proceed to fix the suspension system using the Main and Cross Tee according the approved layout.

Step 4 - Attach the wires

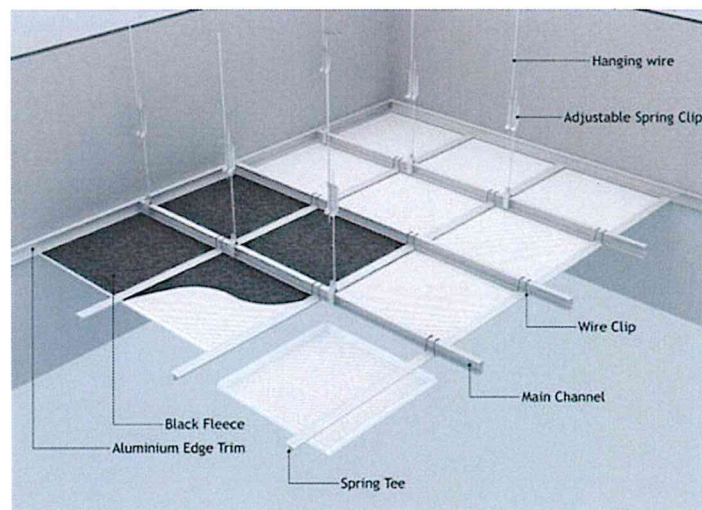
Clip the tiles into place on the suspension grid.

Step 5 - Install the tiles

- Lay in the 600mm x 600mm tiles in the correct pattern.

Step 6 - Cut the tiles (if necessary)

- Cut apertures for lights and other services where required.



ANTIBACTERIAL COATING:



Salmonella Enteritidis



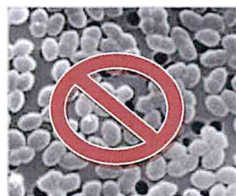
Pseudomonas Aeruginosa



Listeria Monocytogenes



Escherichia Coli 0157



Streptococcus Faecalis



Staphylococcus Aureus