



**GEMINI
TECHNICAL
INDUSTRIES**

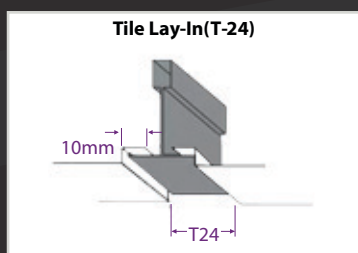
Exposed Ceiling System

**Product
Catalogue**

APPLICATIONS	FEATURES & BENEFITS
Offices	Attractive appearance.
Hospitality	Easy access to the service areas,
Healthcare	Surface of panel has perforations to aid in sound absorption
Retail	Easy maintenance.
Healthcare	Cleanable surfaces

The **GTI** exposed ceiling suspension System is a structural suspension system for Lay – IN ceiling Panels. It consists of 24mm Main Channel and cross tees that combine superior load carrying capacity, exceptional stability and design flexibility. The **GTI** exposed Ceiling System save time and money as its offers an Easy approach to installations and with the special stitch design in **GTI** TEES that give more strength for the system and rigidity.

Lay-in Ceiling Tiles



“Plain, Perforated, and others are available”

Reference	Dimensions		Thickness		Qty / Box
	A	B	Aluminium	Galvanized	
GTLI6060	600	600	0.5/0.6/0.7	0.4/0.5	28

α Finish Coating:

The coating on the tiles conform to ECCA standards, ASTM B-209M and European norms: EN 485- 4:1993 standards; Aluminium alloy / temper:3005 / H27 & 3105 / H25. Note: ECCA.

α Lay-in Ceiling Tiles

Manufactured from steel and aluminium, the tiles can either be plain or perforated and are commonly painted, pre-coated and powder coated. If perforated, the holes can be in a straight or diagonal pattern with different designs.

The Tees have a colored capping face and supports 600mm x 600mm aluminium, steel, vinyl or mineral fibre tiles.

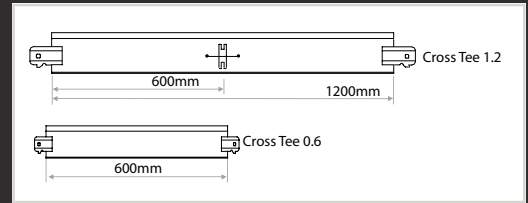
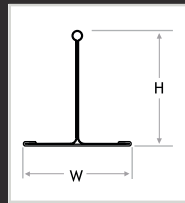
TEE 24 - Grid Main Suspension

α Cross Tee



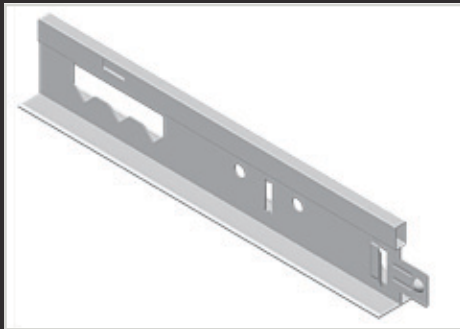
Reference	Dimensions		Length	Material	Piece/Box
	H	W			
GTCT060	25	24	600	Galvanized	75
GTCT120	25	24	1200	Galvanized	50

These consist of galvanized steel with pre-painted polyester coating aluminium or PPGI capping.

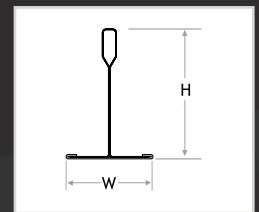
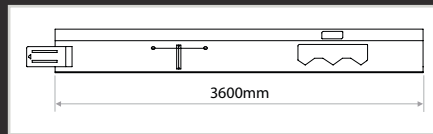


α Main Tee

Reference	Dimensions		Length	Material	Piece/Box
	H	W			
GTMT24	32	24	3600	Galvanized	25

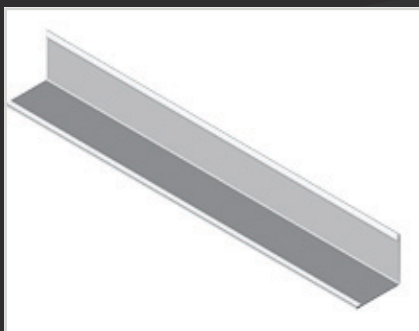


These consist of galvanized steel with pre-painted polyester coating aluminium or PPGI capping.

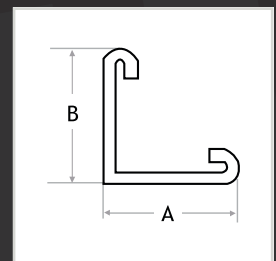
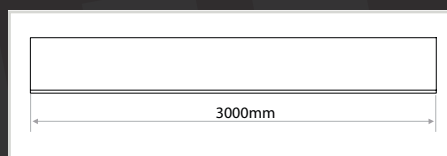


α L-Angle

Reference	Dimensions		Length	Material	Piece/Box
	H	W			
GTLA20	20	20	3000	GS Pre-painted	25
GTLA25	25	25	3000	GS Pre-painted	25



These L-shaped suspensions have galvanized steel pre-painted polyester coating with the same color finishing as the tiles.





Wedge Anchor



Adjustable Spring Clip

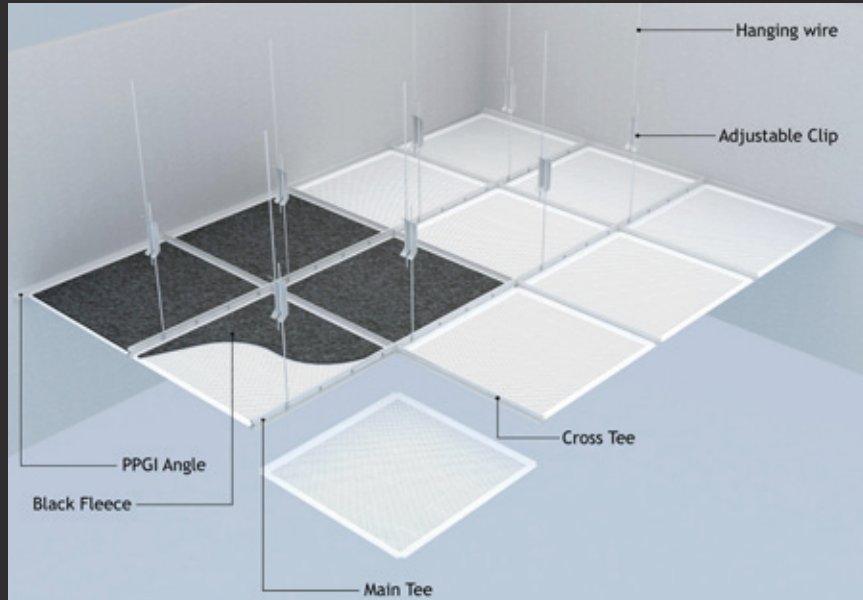


Hanger Wire



Ceiling Clip

Installation



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

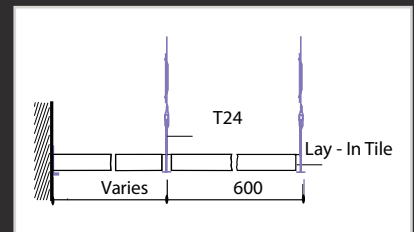
Fix the suspension system with 3mm or 4mm wires using ceiling clips and cartridges.

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.



Anti-Bacterial Coating



Salmonella Enteritidis



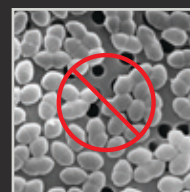
Pseudomonas
Aeruginosa



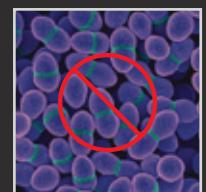
Listeria Monocytogenes



Escherichia Coli 0157



Streptococcus Faecalis



Staphylococcus Aureus