

EXPOSED CEILING SYSTEMS

System Description

A system where the grid is visible in one direction only. The exposed grid sections would generally be a 24mm Tee, 15mm Tee or Fine Grid, as described under 'Exposed Grid'.

Lay-In / Lay-On Tiles

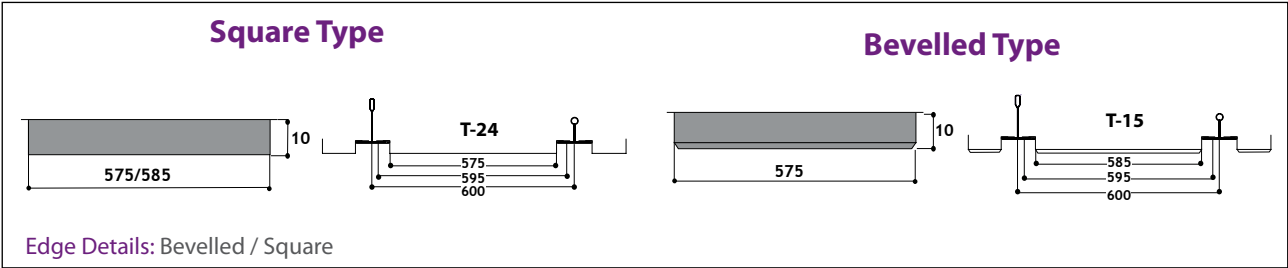
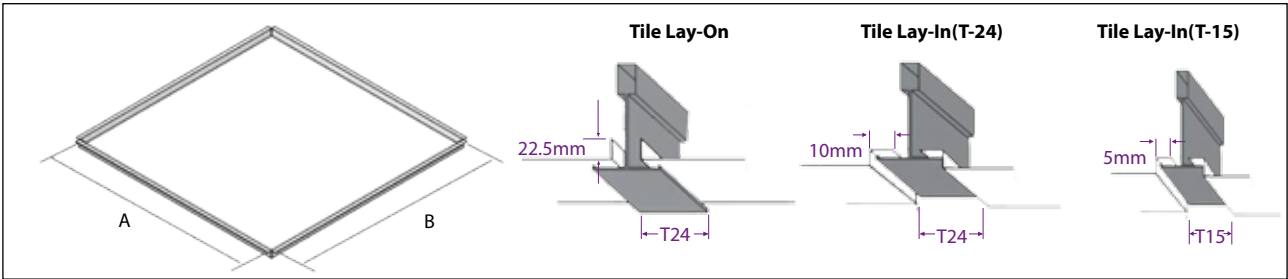


Reference	Dimensions		Thickness		Qty / Box
	A	B	Aluminium	Galvanized	
TLI-33	300	300	0.6/0.7	0.4/0.5	88
TLI-36	300	600	0.6/0.7	0.4/0.5	44
TLI-66	600	600	0.5/0.6/0.7	0.4/0.5	28
TLO-66	600	600	0.5/0.6/0.7	0.4/0.5	28

Lay-In Aluminium Ceiling Tiles: available as decorative 600 x 600mm (Circle, Double Circle, Square and Octagonal) for square edge.

TLI (Tiles Lay-In) and TLO (Tiles Lay-On)

Note: All dimensions are in mm.



Tile Description:

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

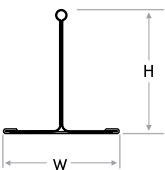
All These T-sections are with colored capping face (Standard colors RAL 9003 White and RAL 9010 Off-White). This system is designed to support ‘planks’ – tiles that are 600 x 600mm (Aluminium, Steel, Vinyl or Mineral Fibre).

TEE 15/24-Grid Main Suspension

Cross Tee

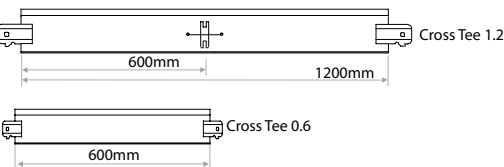


Reference	Dimensions		Length	Material	Piece / Box
CT15-0.6	H	W	600	Galvanized	75
CT15-1.2	25	15	1200	Galvanized	50
CT24-0.6	25	24	600	Galvanized	75
CT24-1.2	25	24	1200	Galvanized	50

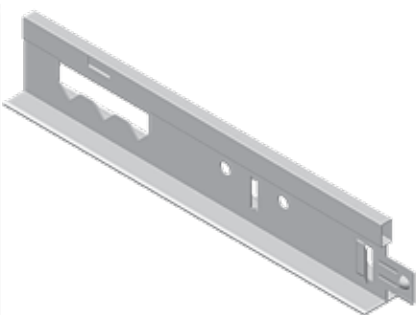


Consist of Galvanized Steel with Pre-painted Polyester Coating Aluminium or P.P.G.I. Capping.

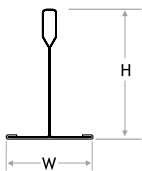
Note: All dimensions are in mm.



Main Tee

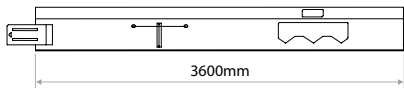


Reference	Dimensions		Length	Material	Piece / Box
MT15	H	W	3600	Galvanized	25
MT24	38	24	3600	Galvanized	25



Consist of Galvanized Steel with Pre-painted Polyester Coating Aluminium or P.P.G.I. Capping.

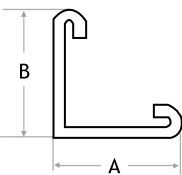
Note: All dimensions are in mm.



L-Angle

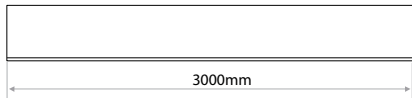


Reference	Dimensions		Length	Material	Piece / Box
ET-L20	A	B	3000	GS Prepainted	25
ET-L25	20	20	3000	GS Prepainted	25



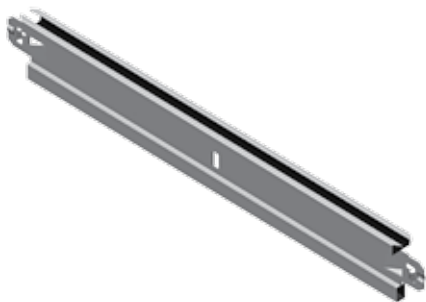
Galvanized Steel Prepainted Polyester Coating L-Angle (L-Shape), same color finishing as the tiles.

Note: All dimensions are in mm.

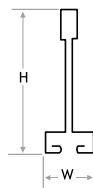


FINE Grid Main Suspension

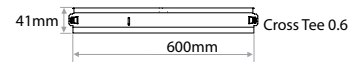
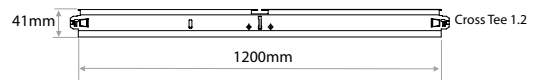
Cross Tee



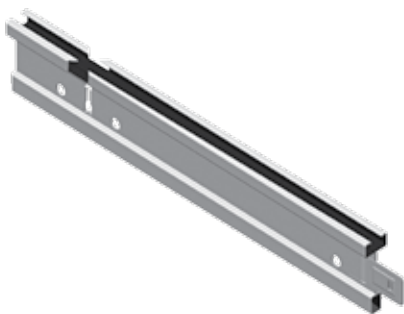
Reference	Dimensions		Length	Material	Piece / Box
	H	W			
FCT15-0.6	41	15	600	GS Prepainted	50
FCT15-1.2	41	15	1200	GS Prepainted	50



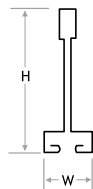
Note: All dimensions are in mm.



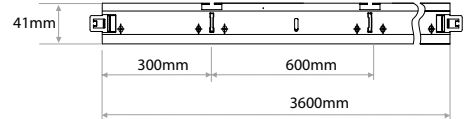
Main Tee



Reference	Dimensions		Length	Material	Piece / Box
	H	W			
FMT15	41	15	3600	GS Prepainted	20



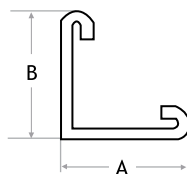
Note: All dimensions are in mm.



L-Angle

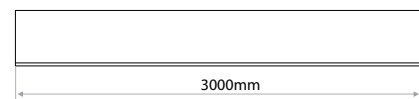


Reference	Dimensions		Length	Material	Piece / Box
	A	B			
FT-L20	20	20	3000	GS Prepainted	50
FT-L24	24	24	3000	GS Prepainted	40



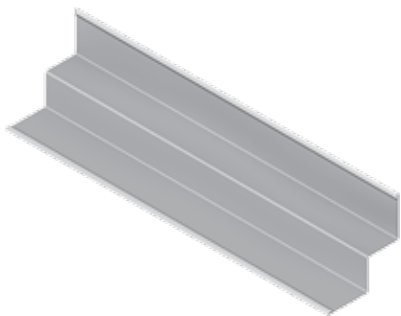
Galvanized Steel Prepainted Polyester Coating
L-Angle (L-Shape), same color finishing as the tiles.

Note: All dimensions are in mm.

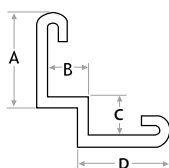


Edge Trim

W-Angle (Plain)



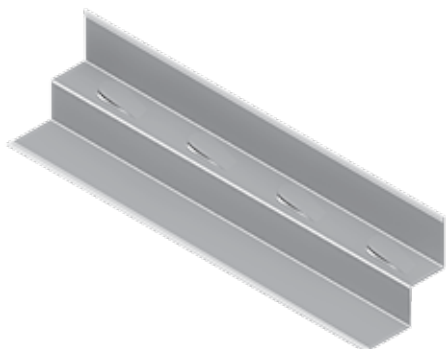
Reference	Dimensions				Length	Material	Piece / Box
	A	B	C	D			
ET-W19x9	19	9	9	19	3000	GS Prepainted	50
ET-W20x15	20	15	15	15	3000	GS Prepainted	50
ET-W20x19	20	19	19	20	3000	GS Prepainted	50
ET-W25x19	25	19	19	25	3000	GS Prepainted	50



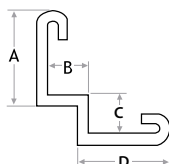
Galvanized Steel Prepainted Polyester Coating
W-Angle (Plain), same color finishing as the
tiles. RAL 9003 / 9010

Note: All dimensions are in mm.

W-Angle with Tab



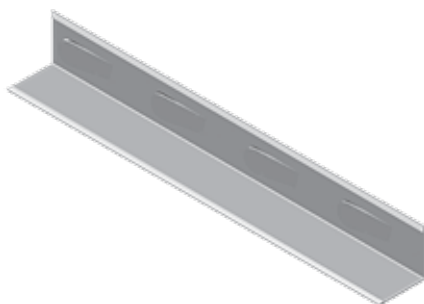
Reference	Dimensions				Length	Material	Piece / Box
	A	B	C	D			
ET-WT19x9	19	9	9	19	3000	GS Prepainted	50
ET-WT20x15	20	15	15	15	3000	GS Prepainted	50
ET-WT20x19	20	19	19	20	3000	GS Prepainted	50
ET-WT25x19	25	19	19	25	3000	GS Prepainted	50



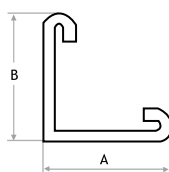
Galvanized Steel Prepainted Polyester Coating
W-Angle with Tab, same color finishing as the
tiles. RAL 9003 / 9010

Note: All dimensions are in mm.

L-Angle with Tab



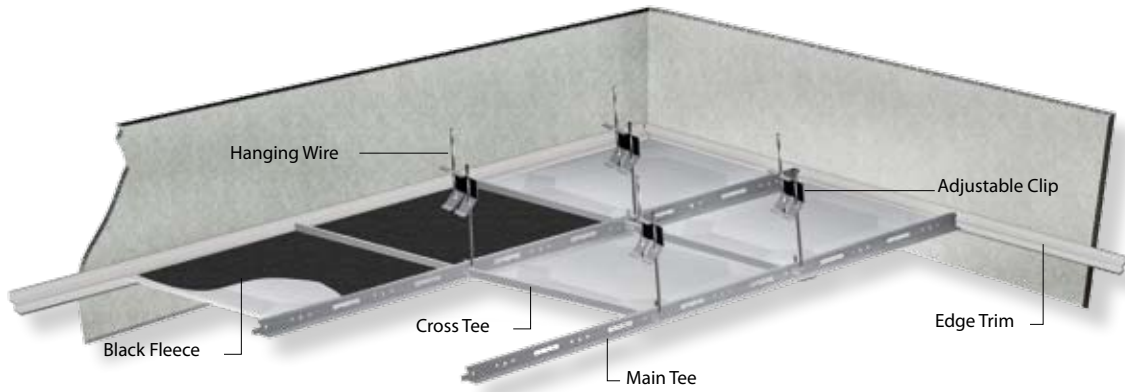
Reference	Dimensions		Length	Material	Piece / Box
	A	B			
ETA-LT20	20	20	3000	GS Prepainted	50
ETA-LT25	25	25	3000	GS Prepainted	40



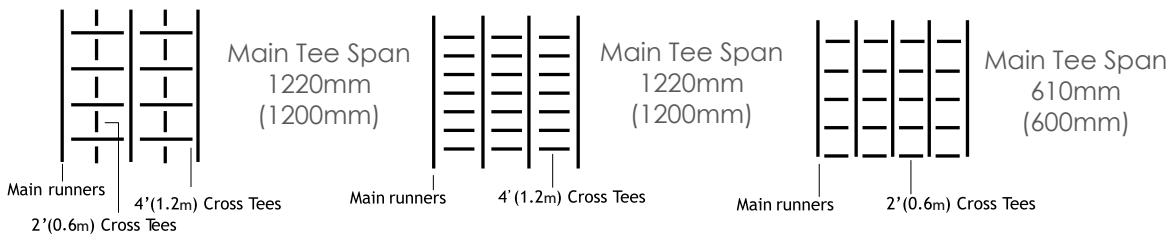
Galvanized Steel Prepainted Polyester Coating
L-Angle with Tab, same color finishing as the
tiles. RAL 9003 / 9010

Note: All dimensions are in mm.

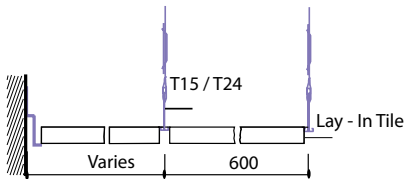
Installation Method



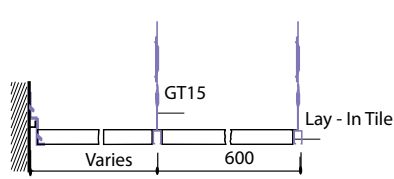
Types of Combination



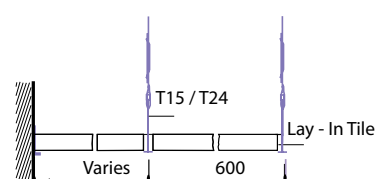
W-Angle



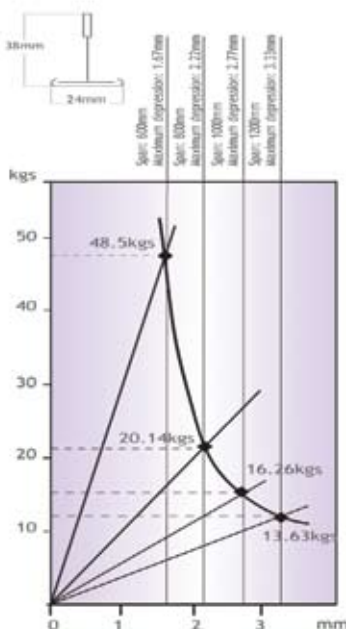
W-Angle with Tab



L-Angle



1. Level marking on wall using water level method or Laser method.
2. Fixing of Wall Angle with screws and nails.
3. Mark out & commence fixing of grid suspension system using Main Tee, Cross Tee's according to the approved layout to make 600 x 600mm grid.
4. Fixing of suspension system with 3mm / 4mm wires fixed to concrete with ceiling clips and cartridges and having adjustable clips to adjust the ceiling level.
5. Installation of Lay-In/Lay-On 600 x 600mm tiles in a proper way taking into consideration the ceiling level and design pattern.
6. Cut apertures for lights and other services where required.



Load Test Diagram of Main Tee

According to the norm of ASTM C635 for the average loading capability and the degree of depression of Main Tee, the span of the tested Main Tees is 1.2m. Divide the main runners evenly to get four loading points, and raise the loading gradually to test the degree of depression of the Main Tees in carrying loads. According to the norm of ASTM C635, the degree of depression of Main Tees should be within 1/360 of the length of Main Tees (10mm).