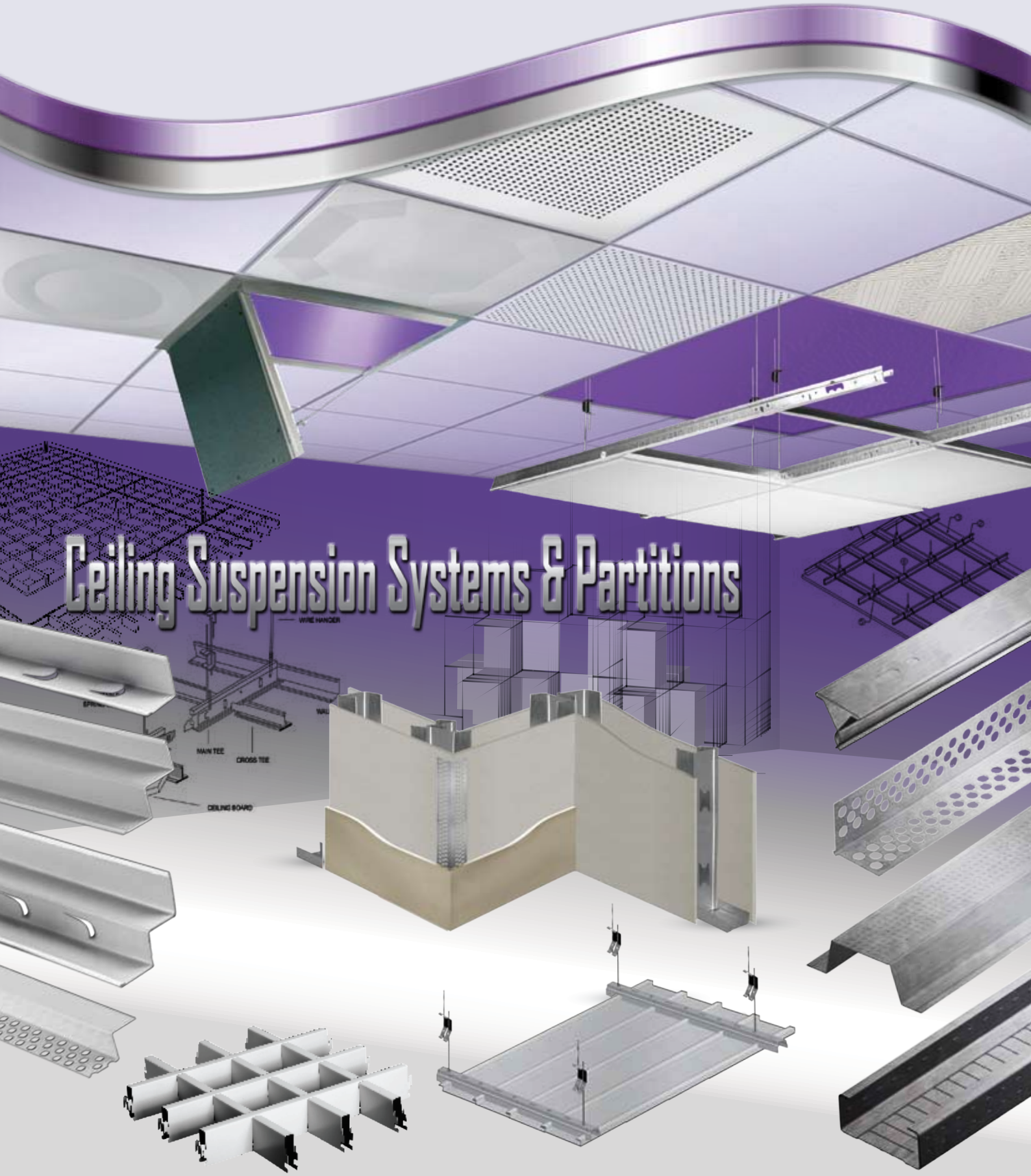
TMI®

Ceiling Suspension Systems & Partitions



"We, at Technical Metal Industrial Co. L.L.C. take pride in declaring the company's commitment to satisfy our customers by providing high quality products and promptly delivering them as per the agreed contractual requirements".

Contents

Technical Metal Industrial Co. L.L.C.

Introduction

Ceiling Suspension Systems & Partitions

TMI is a privately owned company, established in 1997 in the Emirate of Abu Dhabi, United Arab Emirates and located on approximately 850,000 square feet in the Industrial City of Abu Dhabi (ICAD).

Specializes in metal processing and manufacturing of Expanded Metal & Plastering Accessories, Roll Formed Profiles, Suspended Ceiling Systems, Cable Management Systems, Metal Doors & Frames, Industrial Shelving, Metal Cabinets, Gratings, Metal Ladders and specialized building material products. We are ISO 9001, 14001 & 18001 Certified company. Our emphasis is on quality products catering to today's competitive and demanding business environment. By introducing the latest, advanced technologies in our production lines, we ensure that our high production targets are achieved.

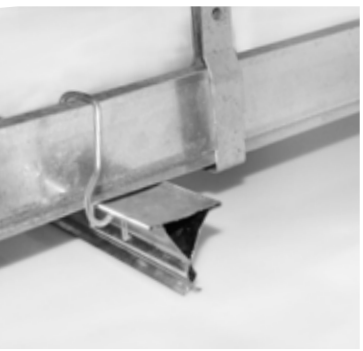
Furthermore, with deep knowledge in our manufacturing systems' capabilities, our products have achieved a very high quality standards in this industry. Having earned a reputation as a manufacturer and supplier of quality products, we fully recognize that constant improvement is a vital requirement for our continued success.

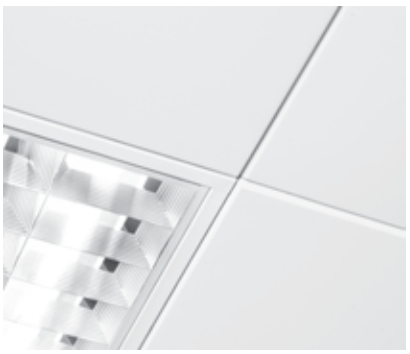
Ceiling Suspension Systems are considered an important substitution for ordinary ceiling which is widely used in different locations either indoor or outdoor. Through the last 30 years, Ceiling Systems have under gone a lot of improvements and developments, depending on the place of usage and the way of assembly.

We added new production lines of Ceiling Suspension Systems to meet the clients' projects expectation by offering a wide range of choices with the highest standards and best quality. Our items conform to the British (BS) and American (ASTM) standards in all stages of manufacturing. Perforated and plain metal tiles, in both standard and tailor made sizes are available for both Concealed & Lay-In and variety of Exposed Grid Suspension System. We offer the virtue of access with clean and crisp appearance that a metal ceiling provides.

Global GROUP OHSAS 18001 Reg. No. 18O08961

Global GROUP ISO 9001 UKAS QUALITY MANAGEMENT 039 Reg. No. 80Q08961





CONCEALED / CLIP-IN SYSTEMS

System Description

A system where the grid is not visible specifically designed for metal tiles. The system comprises a “spring T” or ‘A spring” that supports the tiles. This system is fixed to and below a primary grid, usually a galvanized channel section. (Direct suspension of the tile carrying component is possible, but not common).

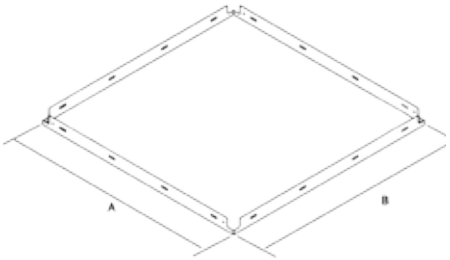
Concealed / Clip-In Systems

- Concealed / Clip-In Tiles
- Main Suspension
- Installation Method

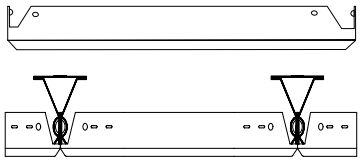
Concealed / Clip-In Tiles

Reference	Dimensions A	Dimensions B	Thickness Aluminium	Thickness Galvanized	Qty / Box
TCI-33	300	300	0.5/0.6/0.7	0.4/0.5	88
TCI-36	300	600	0.5/0.6/0.7	0.4/0.5	44
TCI-66	600	600	0.5/0.6/0.7	0.4/0.5	22
TCI-612	600	1200	0.5/0.6/0.7	0.4/0.5	22
TCI-618	600	1800	0.5/0.6/0.7	0.4/0.5	22

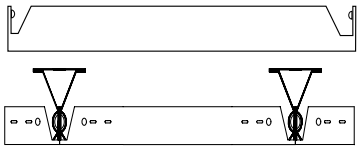
Special lengths required above 1800mm are available upon request.
TCI (Tiles Clip-In)
Note: All dimensions are in mm.



Bevelled Type



Square Type



Edge Details: Bevelled / Square

Tile Description:
Tiles are manufactured from Steel and Aluminium 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.

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.

Finish Coating:
Pre-Coating Aluminium Tiles ECCA (European Coil Coating Association) conform to ASTM B-209M & European Norms: EN 485-4:1993 standards; Aluminium alloy / temper:3005 / H27 & 3105 / H25. Note: ECCA.

Powder Coating to BS 6497:1984; Aluminium alloy / temper: 3005 / H24 conform to ASTM B-209M & European Norms: EN 485-4:1993.

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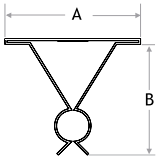
Main Suspension

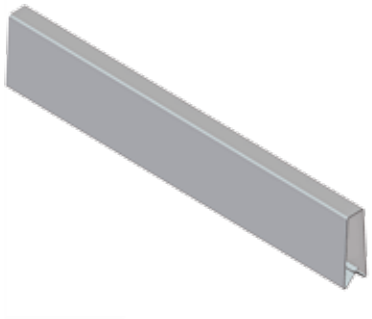
Spring Tee

Reference	Dimensions		Thickness	Length	Material
	A	B			
SP 35	35	30	0.5	4000	Galvanized

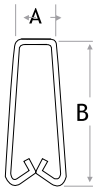


Galvanized Spring Tee (T-Shape)
Coating Types: Z120, Z180 & Z275, ASTM 53 / A653M BSN EN 10346:2009
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

A-Spring or V-Spring

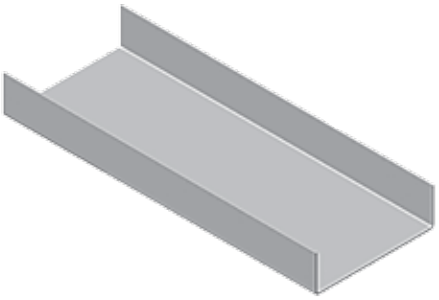


Reference	Dimensions		Thickness	Length	Material
	A	B			
ASP	18	48	0.5	5000	Galvanized

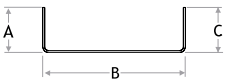


Galvanized A Spring (A-Shape)
Coating Types: Z120, Z180 & Z275, ASTM 53 / A653M BSN EN 10346:2009
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

Main Channel

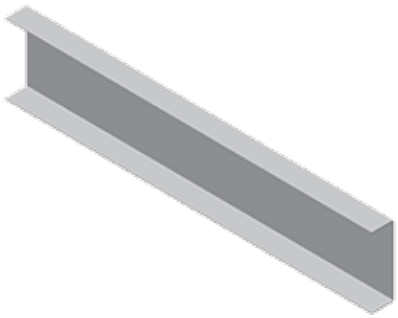


Reference	Dimensions			Thickness	Length	Material
	A	B	C			
C 38	12	38	12	0.5	3000	Galvanized
C 45	12	45	12	0.5	3000	Galvanized

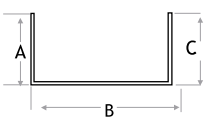


Galvanized Main Channel (C-Shape)
Coating Types: Z120, Z180 & Z275, ASTM 53 / A653M BSN EN 10346:2009
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

Aluminium Edge Trim



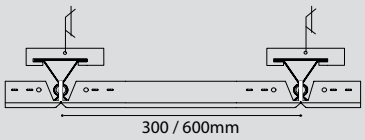
Reference	Dimensions			Thickness	Length	Material
	A	B	C			
ET-C 38	15	38	15	0.6	3000	Pre-coated



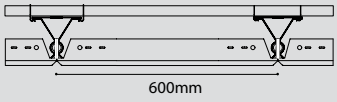
Polyester Coating Aluminium Edge Trim (U-Shape), same color finishing as the tiles.
Aluminium Alloy / temper: 3005/H24 Standard: ASTM B-209M EURO NORMS: EN 485-4:1993
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

Installation Method

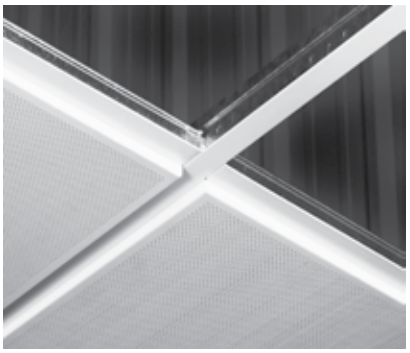
Primary System

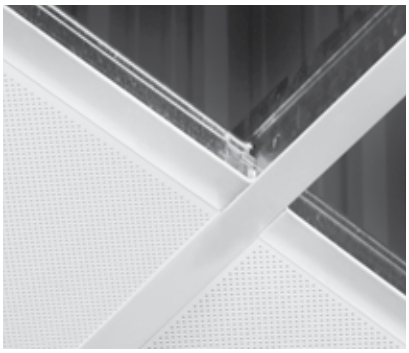


Secondary System



1. Level marking on wall using water level method or Laser method.
2. Fixing of Aluminium Edge Trim (U Shape) or W Angle with screws and nails.
3. Fixing of AC-51 Hanging wires 3mm / 4mm, or channel support either threaded rod from soffit of slab with Ceiling Clip and Cartridge or screws or DBZ anchor.
4. Using of AC-50 Adjustable Spring Clips for Ceiling Adjustment of the AC-51 Hanger Wire, which should fit inside the Adjustable Clip hole or Channel Clamp in case of threaded rod use.
5. Installation of Main Channel at every 1200mm and Spring Tee at every 600mm connected together with AC-54 preformed galvanized mild steel wire clip.
6. AC-53 Main Channel bracket, to be inserted inside the Main Channel and to be hung from the upper part of it with the use of hanger wire which it will pass through AC-50 Adjustable Spring Clip for leveling.
7. Fixing of Aluminium Tiles in proper way taking into consideration the ceiling level & design pattern.
8. Cut apertures for lights and other services where required. Cut trim for access opening for equipments, if required.





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'.

Exposed Ceiling Systems

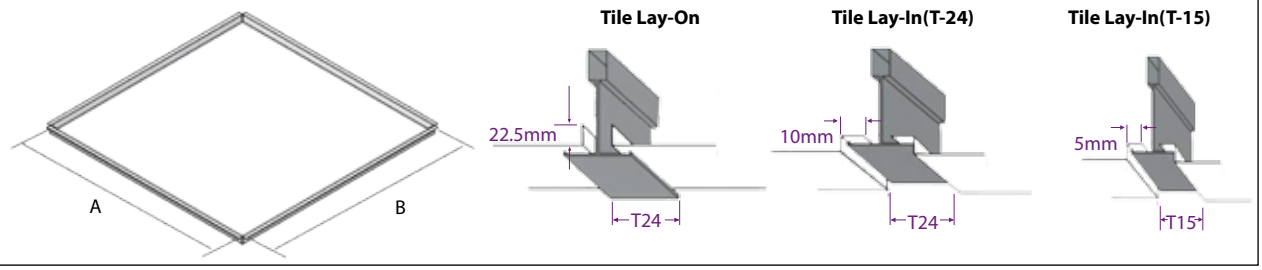
- Lay-In / Lay-On Tiles
- TEE 15 / 24-Grid Main Suspension
- Fine Grid Main Suspension
- Edge Trim
- Installation Method

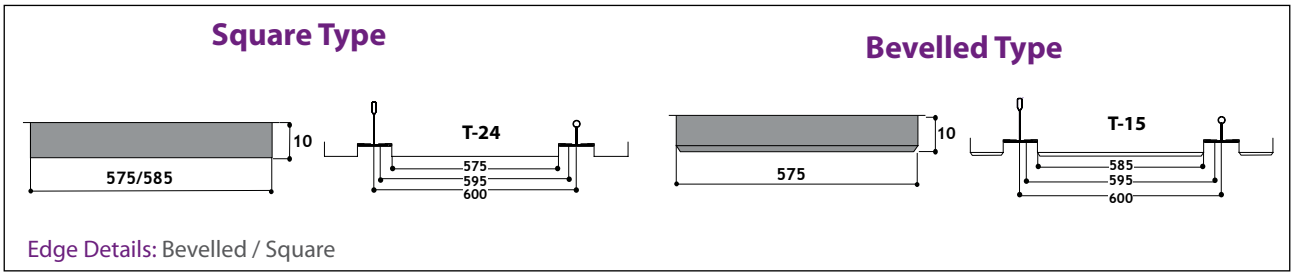
Lay-In / Lay-On Tiles

Reference	Dimensions A	Dimensions B	Thickness Aluminium	Thickness Galvanized	Qty / Box
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.





Edge Details: Bevelled / Square

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).

Finish Coating:
Pre-Coating Aluminium Tiles ECCA (European Coil Coating Association) conform to ASTM B-209M & European Norms: EN 485-4:1993 standards; Aluminium alloy / temper:3005 / H27 & 3105 / H25. Note: ECCA.
Powder Coating to BS 6497:1984; Aluminium alloy / temper: 3005 / H24 conform to ASTM B-209M & European Norms: EN 485-4:1993.

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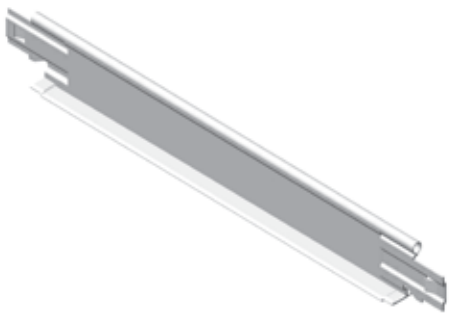
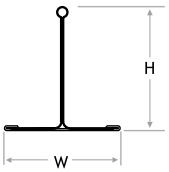
TEE 15/24-Grid Main Suspension

Cross Tee

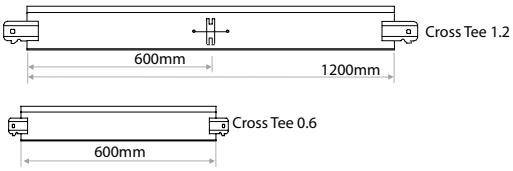


Reference	Dimensions		Length	Material	Piece / Box
	H	W			
CT15-0.6	25	15	600	Galvanized	75
CT15-1.2	25	15	1200	Galvanized	50
CT24-0.6	25	24	600	Galvanized	75
CT24-1.2	25	24	1200	Galvanized	50

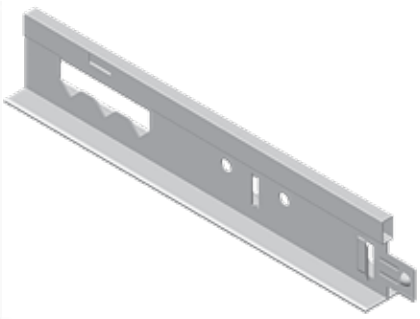


Consist of Galvanized Steel with Pre-painted Polyester Coating Aluminium or P.P.G.I. Capping.

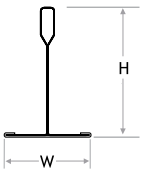
Note: All dimensions are in mm.



Main Tee

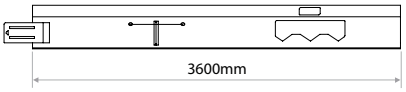


Reference	Dimensions		Length	Material	Piece / Box
	H	W			
MT15	38	15	3600	Galvanized	25
MT24	38	24	3600	Galvanized	25



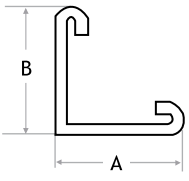
Consist of Galvanized Steel with Pre-painted Polyester Coating Aluminium or P.P.G.I. Capping.

Note: All dimensions are in mm.



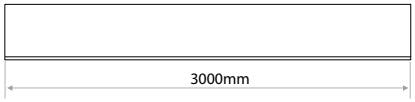
L-Angle

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



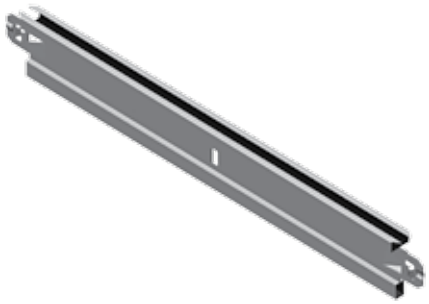
Galvanized Steel Prepainted Polyester Coating L-Angle (L-Shape), same color finishing as the tiles.

Note: All dimensions are in mm.

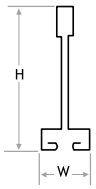


FINE Grid Main Suspension

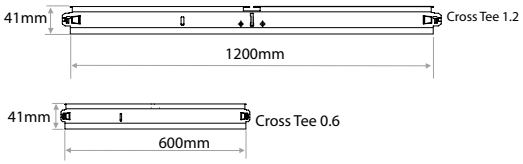
Cross Tee



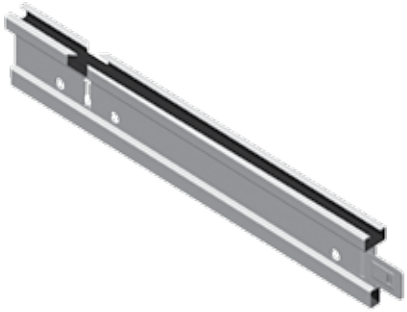
Reference	Dimensions		Length	Material	Piece / Box
	H	W			
FCT15-0.6	41	15	600	GS Prepainted	50
FCT15-1.2	41	15	1200	GS Prepainted	50



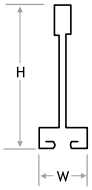
Note: All dimensions are in mm.



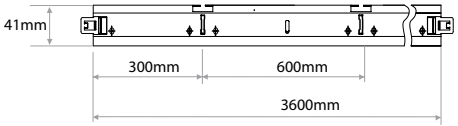
Main Tee



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

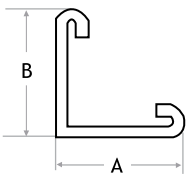


Note: All dimensions are in mm.



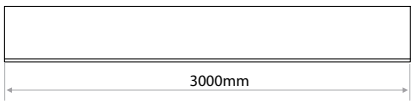
L-Angle

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.



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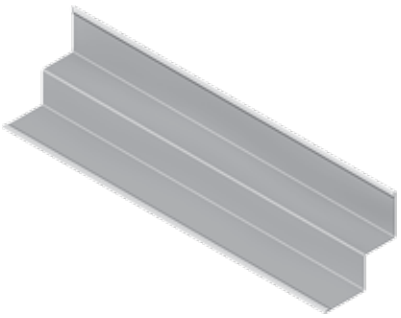
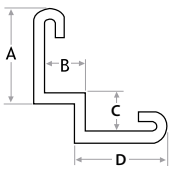
Edge Trim

W-Angle (Plain)



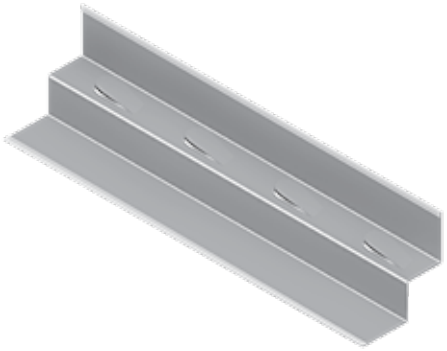
Reference	Dimensions				Length	Material	Piece / Box
	A	B	C	D			
ET-W19x9	19	9	9	19	3000	GS Prepainted	50
ET-W20x15	20	15	15	15	3000	GS Prepainted	50
ET-W20x19	20	19	19	20	3000	GS Prepainted	50
ET-W25x19	25	19	19	25	3000	GS Prepainted	50



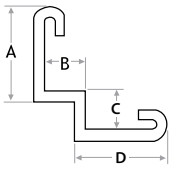
Galvanized Steel Prepainted Polyester Coating W-Angle (Plain), same color finishing as the tiles. RAL 9003 / 9010

Note: All dimensions are in mm.

W-Angle with Tab



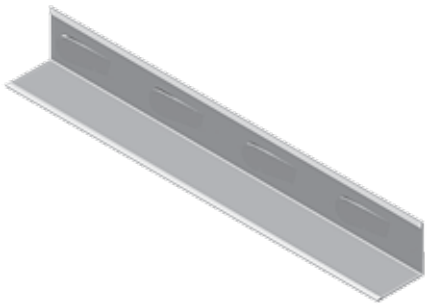
Reference	Dimensions				Length	Material	Piece / Box
	A	B	C	D			
ET-WT19x9	19	9	9	19	3000	GS Prepainted	50
ET-WT20x15	20	15	15	15	3000	GS Prepainted	50
ET-WT20x19	20	19	19	20	3000	GS Prepainted	50
ET-WT25x19	25	19	19	25	3000	GS Prepainted	50



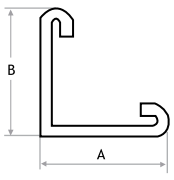
Galvanized Steel Prepainted Polyester Coating W-Angle with Tab, same color finishing as the tiles. RAL 9003 / 9010

Note: All dimensions are in mm.

L-Angle with Tab



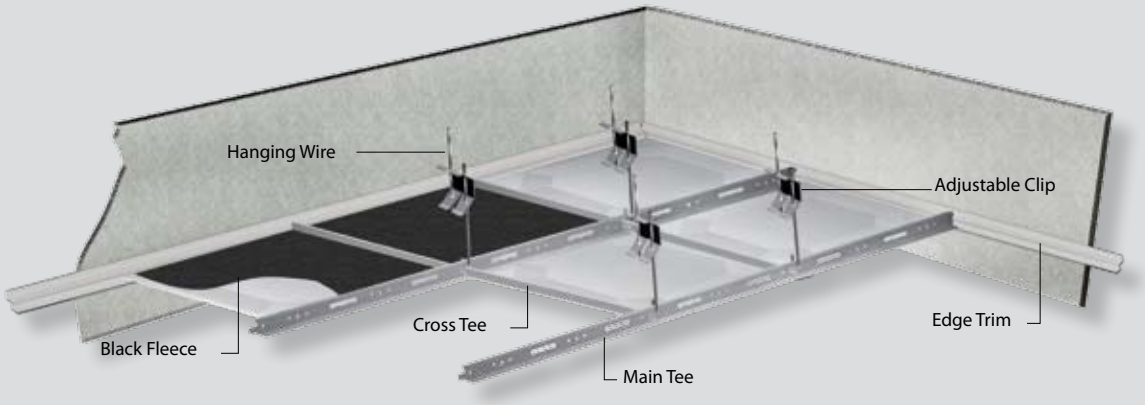
Reference	Dimensions		Length	Material	Piece / Box
	A	B			
ETA-LT20	20	20	3000	GS Prepainted	50
ETA-LT25	25	25	3000	GS Prepainted	40



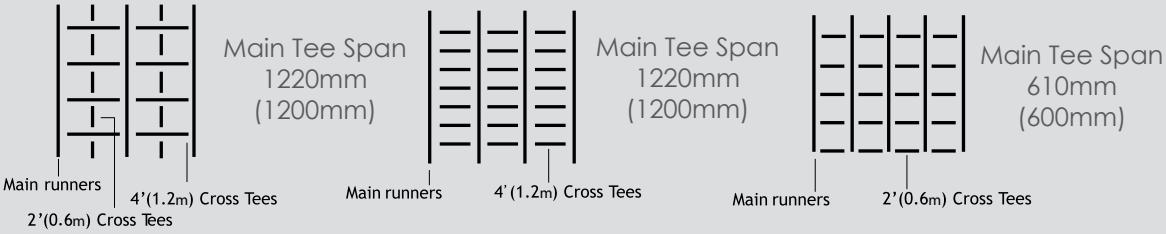
Galvanized Steel Prepainted Polyester Coating L-Angle with Tab, same color finishing as the tiles. RAL 9003 / 9010

Note: All dimensions are in mm.

Installation Method

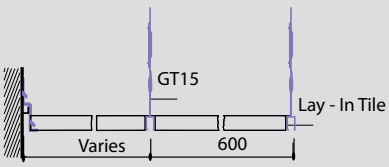


Types of Combination

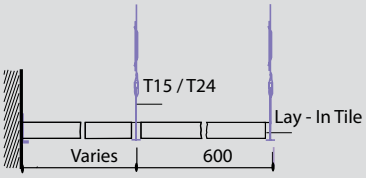


W-Angle

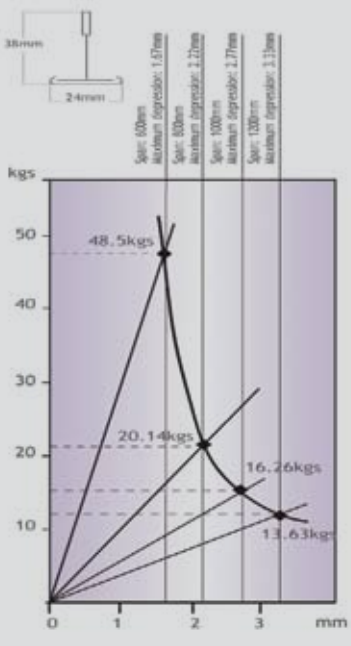
W-Angle with Tab



L-Angle

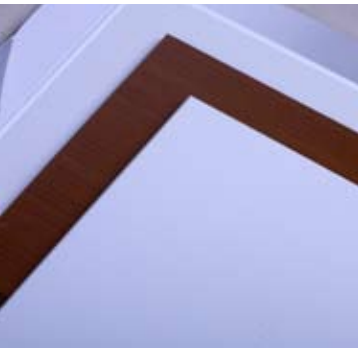


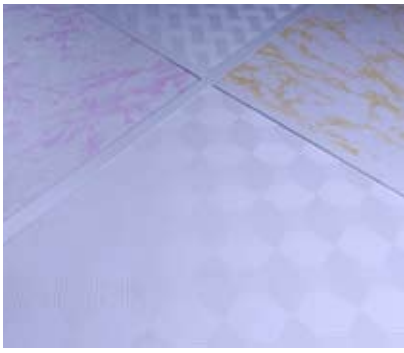
1. Level marking on wall using water level method or Laser method.
2. Fixing of Wall Angle with screws and nails.
3. Mark out & commence fixing of grid suspension system using Main Tee, Cross Tee's according to the approved layout to make 600 x 600mm grid.
4. Fixing of suspension system with 3mm / 4mm 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).





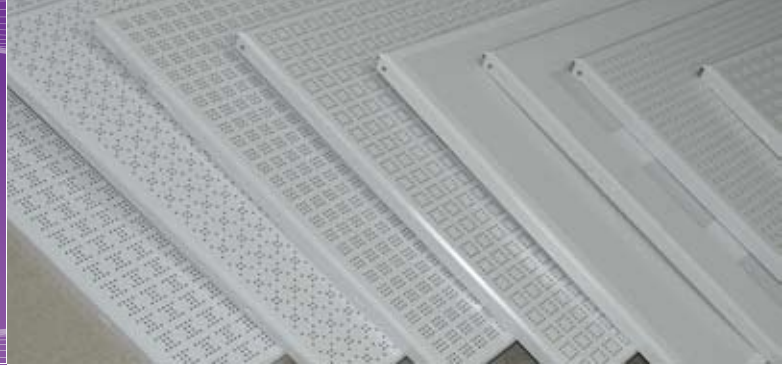
CEILING TILES

Tile Description

We offer a wide range of combinations that will definitely fit your requirements. We provide you with different colors and perforations. In addition, we also provide decorative tiles and various sizes of edge trim (angles).

Ceiling Tiles

- Plain Tiles
- Decorative Tiles
- Perforated Tiles
- Special Decorative Tiles
- Gypsum Tiles
- Sound Absorption



Plain Tiles

Plain (Lay-In)

Plain (Clip-In)

Finish Coating

Standard colors RAL 9003 White and RAL 9010 Off-White. Other Colors are available upon request.

Decorative Designs

Four different types of Decorative Aluminium Tiles are available in either Clip-In or Lay-In systems (600 x 600 mm).

Decorative Tiles

Double Circle

Single Circle

Square

Octagonal

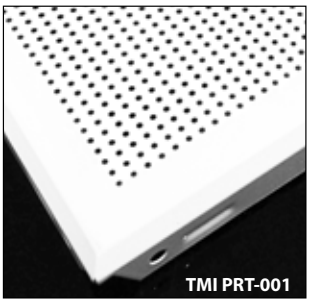
Perforated Tiles

Finish Coating

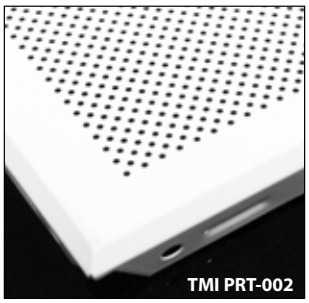
Standard colors RAL 9003 White and RAL 9010 Off-White. Other Colors are available upon request.

Perforated Types

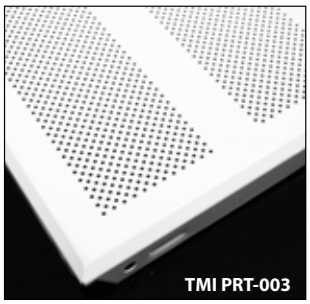
Aluminium Tiles Perforation surface with hole of 1.5mm, 1.8mm & 2.5mm diameter can be obtained in different patterns as shown below. Acoustic black felt will be installed backside of the perforated tile.



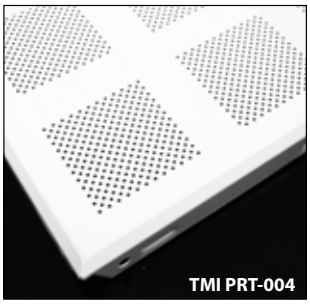
Parallel



Skewed



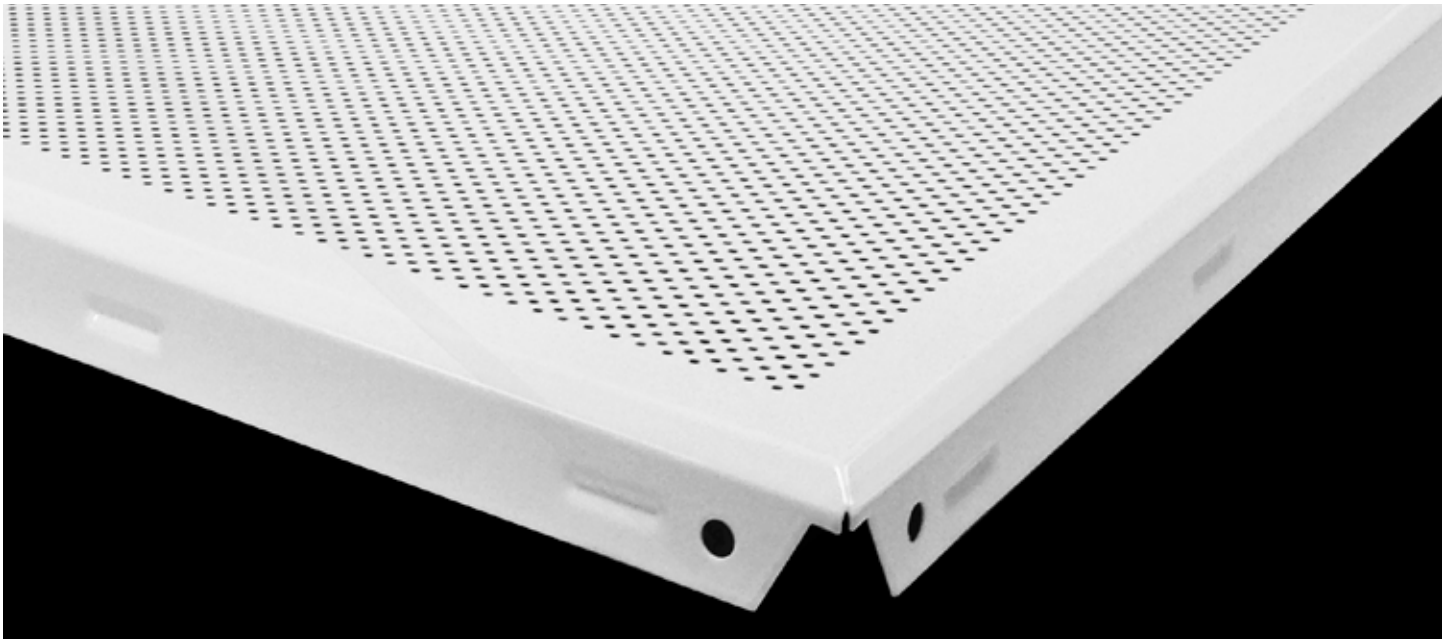
Strip Column Type

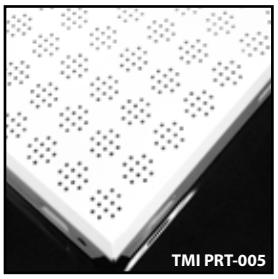


Square Column

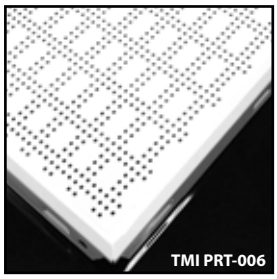
TMI®

Perforated Tiles

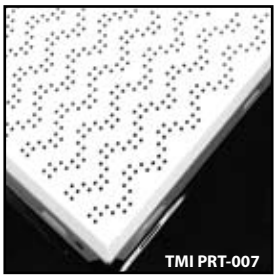




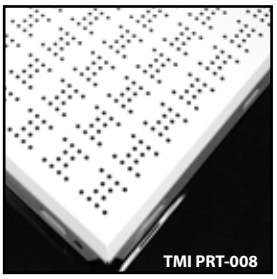
Octagon



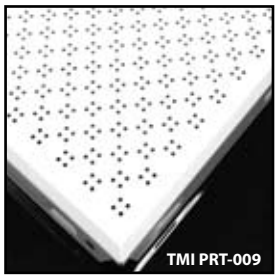
Double Line Rectangular



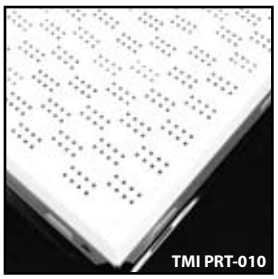
Wave Shape



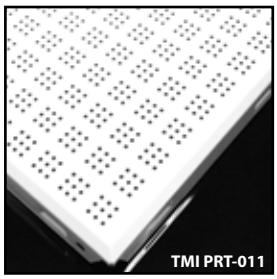
I Shape



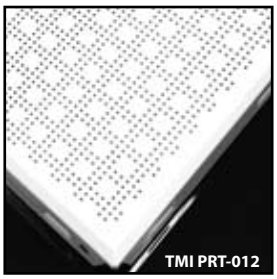
4 Dots



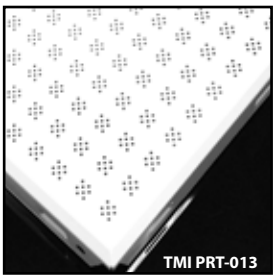
Skewed Rectangular



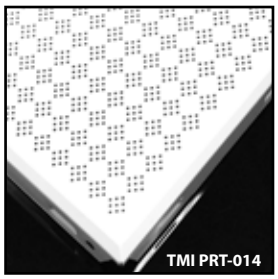
Square Shape



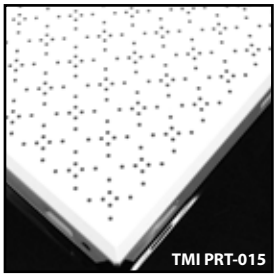
Double Line Square



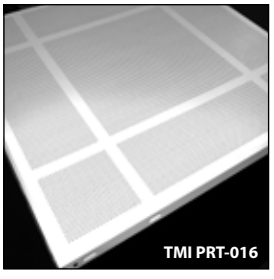
8 Dots



Diamond



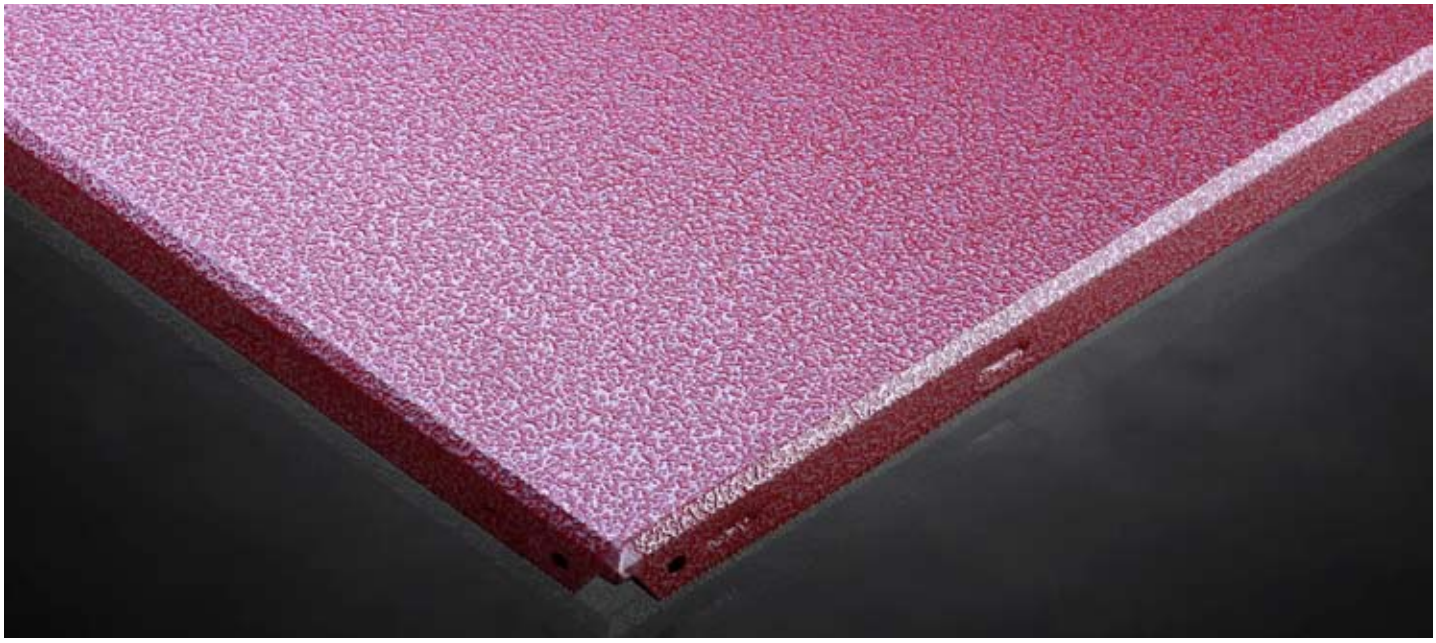
X Shape

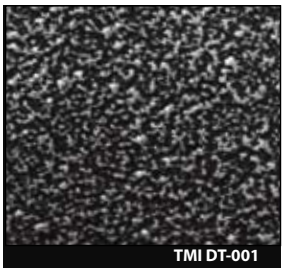


4 Small Square Corner

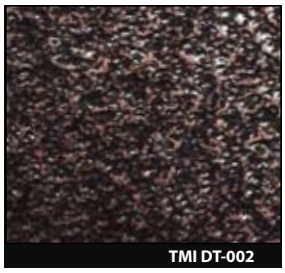
4 Big Square Corner

Special Decorative Tiles

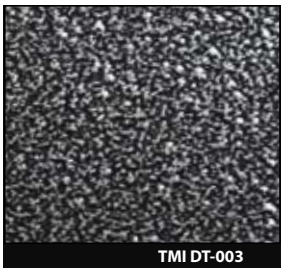




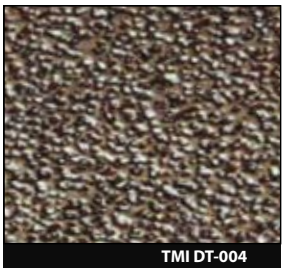
Selinus Silver



Selinus Copper

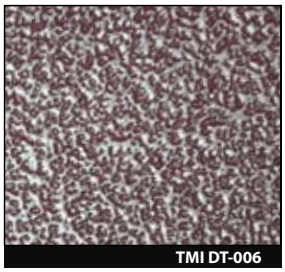


Selinus Silver (PE)

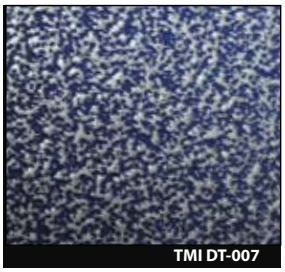


Selinus Red Gold

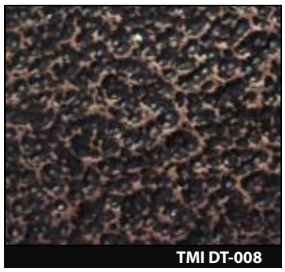
Selinus
White Silver



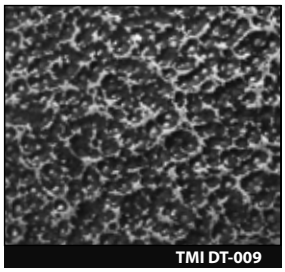
Selinus
Red Silver



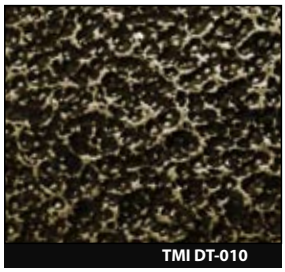
Selinus
Blue Silver



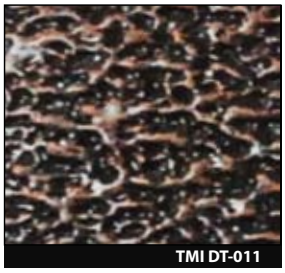
Pergamon
Pearl Copper



Pergamon
Silver



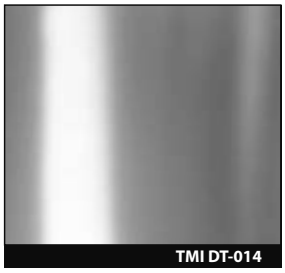
Pergamon
Gold



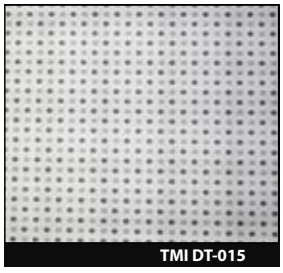
Ephesus
Pearl Copper

Woody
Oak

Wooden



Mirror Finish



Fake Perforated

TMI®

Gypsum Tiles

Reference	Dimensions	Thickness	Qty / Box
TC-66	600 x 600	7,8,9,12	10

Note: All dimensions are in mm.

Water Resistance Tiles

Gypsum Tiles are water resistant and suitable to use in areas like showers, kitchens, offices, etc.

Fire Resistance Tiles

Conform to BSI-British Standard as follows: BS 1230:part 1-1985 & BS 476:part 8-1972

Description

Gypsum tiles are non-combustible laminated with special fire resistant vinyl finishes of various designs with aluminium foil of paper backing on premium quality gypsum board which is best quality.

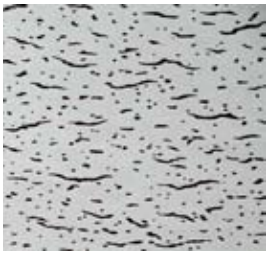
DIAMOND

SAFARI

FIBER

OYB

ISLAMIC



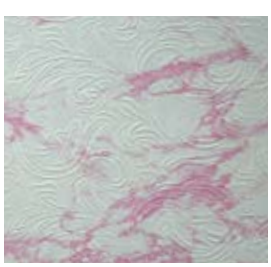
FISSURED

FLORAL

FLEXFOIL

PETALS

YELLOW-FERN



PINK-FERN

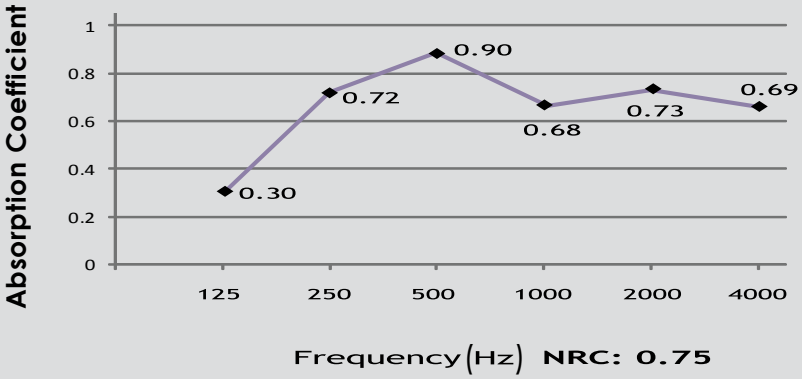
DIAMOND CHAIN

Sound Absorption

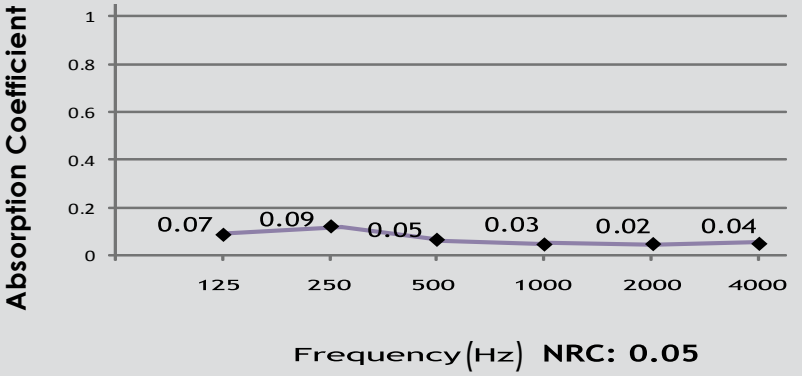
Description

Sound Absorption ratio has become an extremely important factor that should be considered before choosing the right tile depending on the application condition. With this in mind TMI provide different acoustic fleece layers to ensure getting the desired sound absorption requirement. "Sound Absorption" describes the reduction of noise within a room. Perforated ceiling tiles with an acoustic fleece overlay or mineral wool pad absorb energy and serve to control reverberation time. Different combinations of perforated open areas and acoustics pad density/thickness provide different levels of sound absorption. Noise Reduction Coefficient (NRC) and Sound Absorption Average (SAA) of the ceiling system.

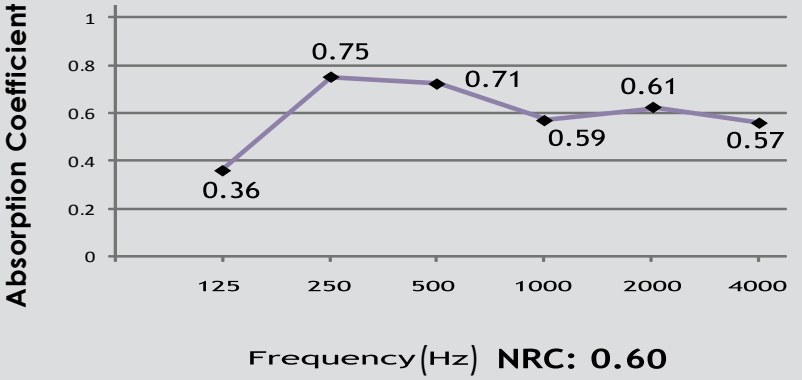
Sound Absorption curve for Perforated Metal Tiles



Sound Absorption curve for Plain Metal Tiles



Sound Absorption curve for Gypsum Tiles



CEILING STRIP SYSTEMS

System Description

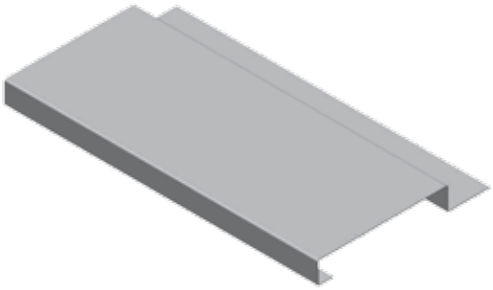
This system can absorb high levels of noise and it can be used both internally and externally. Sets of clips, hanging wires & metal ceiling strips are used for installation. Ceiling Strip with Groove (CSG), Ceiling Strip without Groove (CS), Self Supporting with Groove (SSG) and Self Supporting without Groove (SS) Linear Strip Systems give decorative style and modernity with square edge strips.

Ceiling Strip Systems

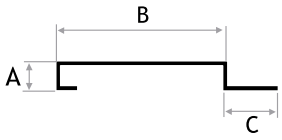
- Ceiling Strip with Groove
- Ceiling Strip without Groove
- Ceiling Strip Main Suspension
- Self Supporting Ceiling Strip
- Installation Method

Ceiling Strip

Ceiling Strip with Groove (Plain / Perforated)



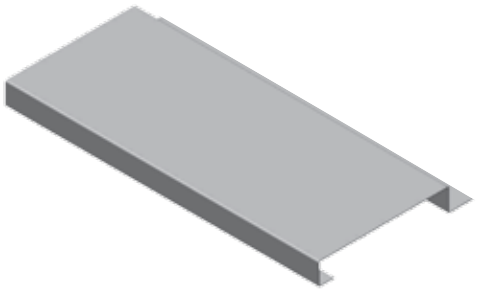
Reference	Dimensions			Thickness		Length (m)
				Aluminium	Galvanized	
	A	B	C			
CSG 83	15	83	26	0.5/0.6/0.7	0.4/0.5	1-13
CSG 183	15	183	26	0.5/0.6/0.7	0.4/0.5	1-13
CSG 283	15	283	26	0.5/0.6/0.7	0.4/0.5	1-13
CSG 383	15	383	26	0.5/0.6/0.7	0.4/0.5	1-13
CSG 483	15	483	26	0.5/0.6/0.7	0.4/0.5	1-13
CSG 583	15	583	26	0.5/0.6/0.7	0.4/0.5	1-13



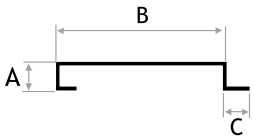
Special sizes are available upon request. Custom length sizes are available upon request.

Note: All dimensions are in mm.

Ceiling Strip without Groove (Plain / Perforated)



Reference	Dimensions			Thickness		Length (m)
				Aluminium	Galvanized	
	A	B	C			
CS 100	15	100	10	0.5/0.6/0.7	0.4/0.5	1-13
CS 200	15	200	10	0.5/0.6/0.7	0.4/0.5	1-13
CS 300	15	300	10	0.5/0.6/0.7	0.4/0.5	1-13
CS 400	15	400	10	0.5/0.6/0.7	0.4/0.5	1-13
CS 500	15	500	10	0.5/0.6/0.7	0.4/0.5	1-13
CS 600	15	600	10	0.5/0.6/0.7	0.4/0.5	1-13



Special sizes are available upon request. Custom length sizes are available upon request.

Note: All dimensions are in mm.

TMI®

Ceiling Strip Main Suspension

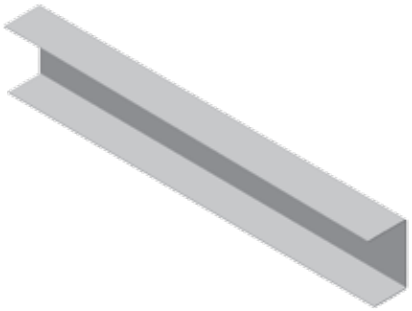
Ceiling Strip C Carrier

Reference	Length	Material
CS-C Carrier	3000-4000	Galvanized Steel

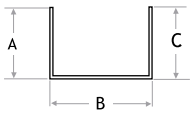
Special sizes are available upon request.
Custom length sizes are available upon request.
Standard length of 3000mm to 4000mm according to SAE / AISI:1075 or BS EN 42J.

Note: All dimensions are in mm.

Aluminium Edge Trim



Reference	Dimensions			Thickness	Length	Material
	A	B	C			
ET-C 20	20	20	20	0.6	3000	Pre-coated

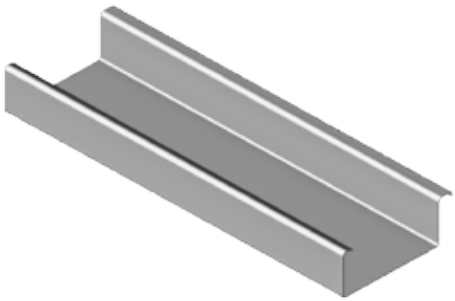


Polyester Coating Aluminium Edge Trim (U-Shape), same color finishing as the tiles.
Aluminium Alloy / temper: 3005/H24 Standard: ASTM B-209M EURO NORMS: EN 485-4:1993
Custom Lengths are available upon request.

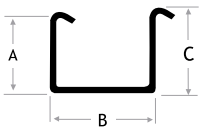
Note: All dimensions are in mm.

Self Supporting Ceiling Strip

Self Supporting Ceiling Strip



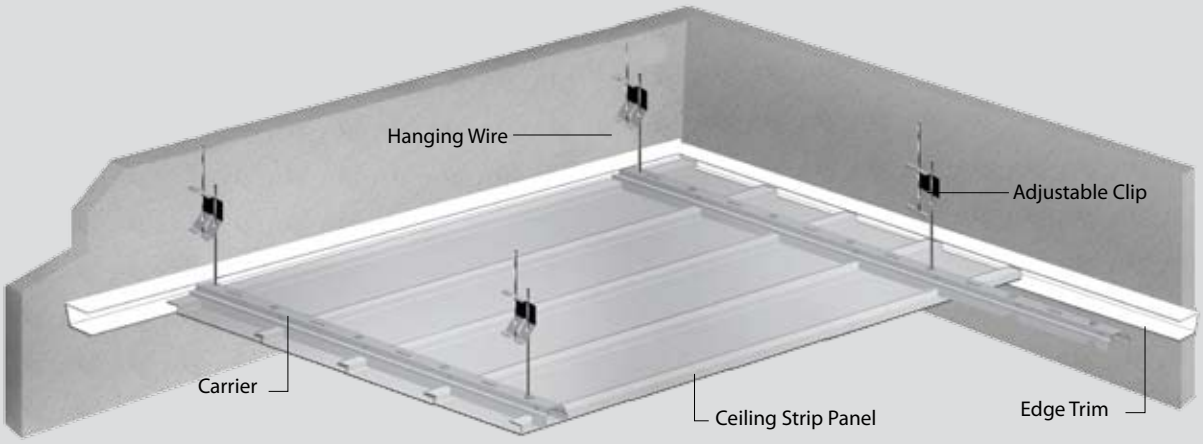
Reference	Dimensions			Thickness	
				Aluminium	Galvanized
	A	B	C		
SS 100	42.5	100	44	0.5/0.6/0.7	0.4/0.5
SS 200	42.5	200	44	0.5/0.6/0.7	0.4/0.5
SS 300	42.5	300	44	0.5/0.6/0.7	0.4/0.5
SS 400	42.5	400	44	0.5/0.6/0.7	0.4/0.5
SS 500	42.5	500	44	0.5/0.6/0.7	0.4/0.5
SS 600	42.5	600	44	0.5/0.6/0.7	0.4/0.5



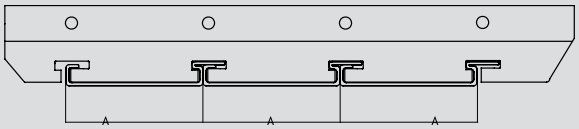
Custom length sizes are available upon request.
Powder Coating BS 6497:1984.
Colors are made upon request to any RAL Code as per the architect's choice.

Note: All dimensions are in mm.

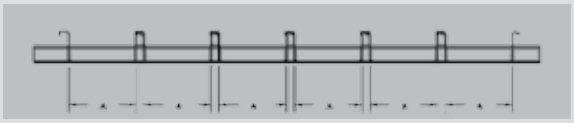
Installation Method



Ceiling Strip



Self Supporting with Groove

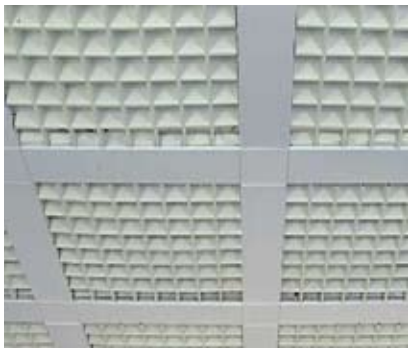


Self Supporting without Groove

The strip panel will be installed on a galvanized carrier every 1000-1200mm and can be dismantled separately.
The carrier is supported with wire rod 3mm to the ceiling having an adjustable clip. On the wall an edge cover U shaped (Aluminium Edge Trim 20 x 20 x 20mm) same color of strip panel.

Required suspension:
- Carrier
- Edge cover
- Wire rod 3mm
- Adjustment clips

The Strip Ceiling system should be installed as follows:
1. Level marking on wall using water level or laser method.
2. Fixing On the wall an edge cover U shaped (Aluminium Edge Trim 20 x 20 x 20mm) same color of strip panel with screws and nails
3. Fixing of AC - 51 Hanging wires 3mm / 4mm, or channel support either threaded rod from soffit of slab with Ceiling Clip and Cartridge or screws or DBZ Anchor.
4. Using of AC - 50 Adjustable Spring Clips for Ceiling Adjustment or Channel Clamp in case of threaded rod use.
5. Installation of Main Carrier at every 1000mm or 1200mm.
6. Fixing of Strip Ceiling in proper way taking into consideration the ceiling level and Strip form (with Groove or without) and the width of the strip.
7. Cut apertures for lights and other services where required. Cut trim for access opening for equipments, if required.



OPEN CELL SYSTEMS

System Description

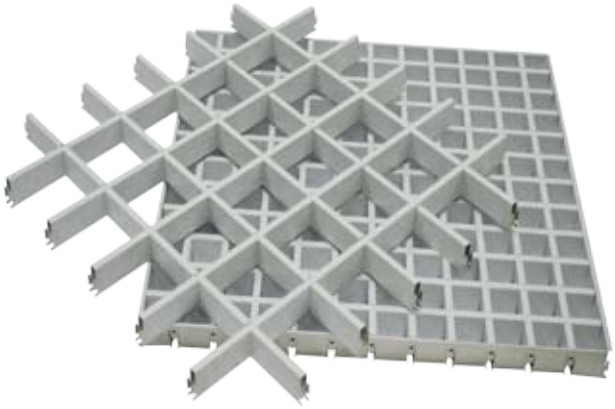
This system is used for decorative and functional purposes. It also enhances the use of wide variety of lighting systems because of its high flexibility to add or remove any part of it without affecting the overall system. The Aluminium profile U-Shape blades, can be assembled in different methods to give different cell sizes.

Open Cell Systems

- Open Cell Panel
- Open Cell Suspension
- Open Cell Blade F(OCBF)
- Open Cell Blade M(OCBM)
- Open Cell Angle
- Installation Method
- Open Cell with T-Grid Suspension System
- Installation Method

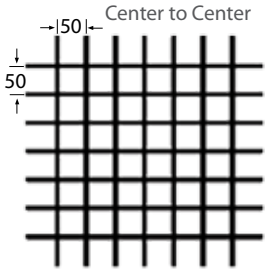
Open Cell Systems

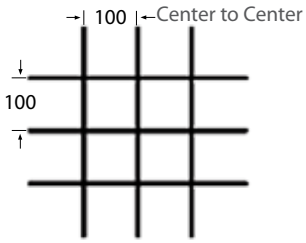
Open Cell Panel



Reference	Panel Size	Cell Size	Thickness	Blade Height	Blade Width
OC50-10	600 x 600 / 600 x 1200	50 x 50	0.4	50	10
OC100-10	600 x 600 / 600 x 1200	100 x 100	0.4	40	10
OC50-24	600 x 600 / 600 x 1200	50 x 50	0.4	50	24
OC100-24	600 x 600 / 600 x 1200	100 x 100	0.4	40	24

Material Used: Aluminium
Note: All dimensions are in mm.

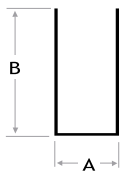




Open Cell Suspension

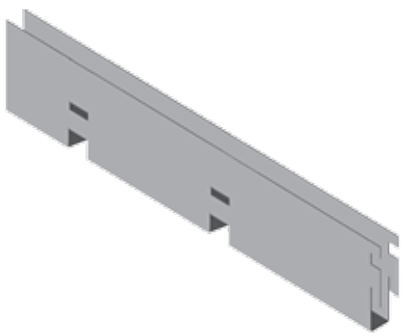

Open Cell Suspension-Main Tee (OCS-MT)

Reference	Dimensions A	Dimensions B	Thickness	Length	Material
OCS-CT 0.6-10	10	40	0.4	600	Aluminium
OCS-CT 1.2-10	10	40	0.4	1200	Aluminium
OCS-MT1.8-10	10	40	0.4	1800	Aluminium
OCS-CT 0.6-24	24	40	0.4	600	Aluminium
OCS-CT 1.2-24	24	40	0.4	1200	Aluminium
OCS-MT1.8-24	10	40	0.4	1800	Aluminium

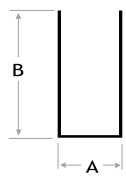


Open Cell Suspension-Cross Tee (OCS-CT)
Open Cell Suspension-Main Tee (OCS-MT)
Other Suspension used:
TEE 15/24 Exposed Grid. *(see page 10)*
Note: All dimensions are in mm.

Open Cell Blade F (OCBF)



Reference	Dimensions A	Dimensions B	Thickness	Length	Material
OCBF-10	10	40	0.4	600	Aluminium
OCBF-24	24	40	0.4	600	Aluminium



Note: All dimensions are in mm.

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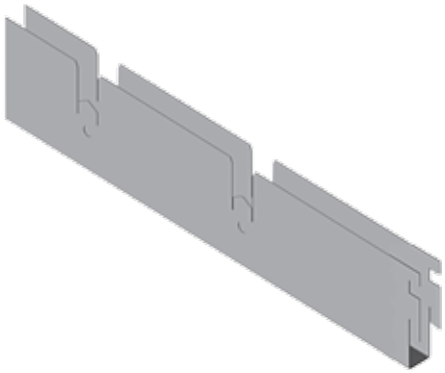
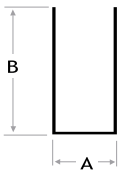
Open Cell Blade M (OCBM)

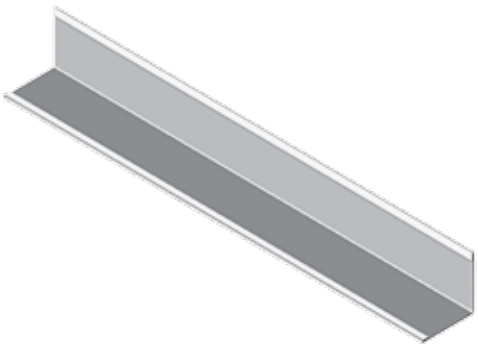


Reference	Dimensions		Thickness	Length	Material
	A	B			
OCBM0.6-10	10	40	0.4	600	Aluminium
OCBM1.2-10	10	40	0.4	1200	Aluminium
OCBM1.8-10	10	40	0.4	1800	Aluminium
OCBM0.6-24	24	40	0.4	600	Aluminium
OCBM1.2-24	24	40	0.4	1200	Aluminium
OCBM1.8-24	24	40	0.4	1800	Aluminium

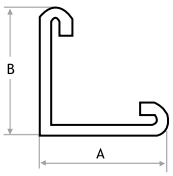


Note: All dimensions are in mm.

Open Cell Angle



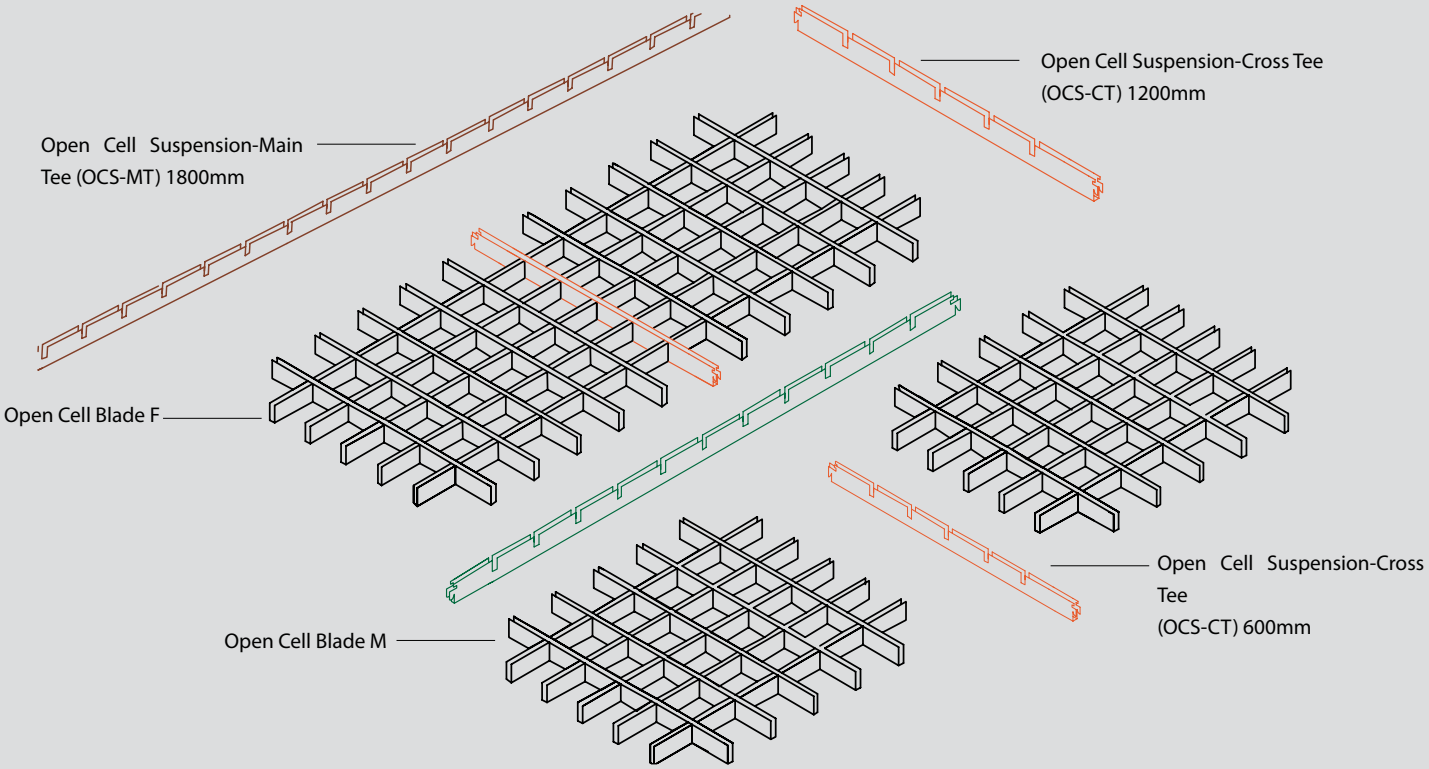
Reference	Dimensions		Thickness	Length	Material
	A	B			
OCA	20	20	0.45	3000	GI Precoated



Galvanized Steel Prepainted Polyester Coating Open Cell Angle, same color finishing as the tiles.

Note: All dimensions are in mm.

Installation Method



All these items are with colored face (Standard color RAL 9003 White). Other colors available upon request.

Installation Procedure:

1. Level marking on walls using water level or laser method.
2. Fixing of wall angle with screws and nails.
3. Mark out & commence fixing of Grid Suspension System using:
   - OCS 1800mm to be installed at 1200 mm distance between each other.
   - OCS 1200mm to cross the OCS 1800 on 600mm distance.
   - OCS 600mm to cross the OCS 1200 on 600mm distance.
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 the Blade M (Male Type) on 100mm distance or 50mm with the intersection of the same installation distance of the Blade F (Female Type) in order to create the cell size form.

TMI®

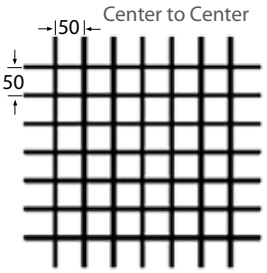
OPEN CELL with T-GRID SUSPENSION SYSTEM

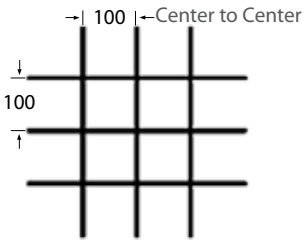
Open Cell Panel with T-Grid Suspension System

Reference	Panel Size	Cell Size	Thickness	Blade Height	Blade Width
OC50-10	600 x 600 / 600 x 1200	50 x 50	0.4	50	10
OC100-10	600 x 600 / 600 x 1200	100 x 100	0.4	40	10
OC50-24	600 x 600 / 600 x 1200	50 x 50	0.4	50	24
OC100-24	600 x 600 / 600 x 1200	100 x 100	0.4	40	24

Material Used: Aluminium

Note: All dimensions are in mm.





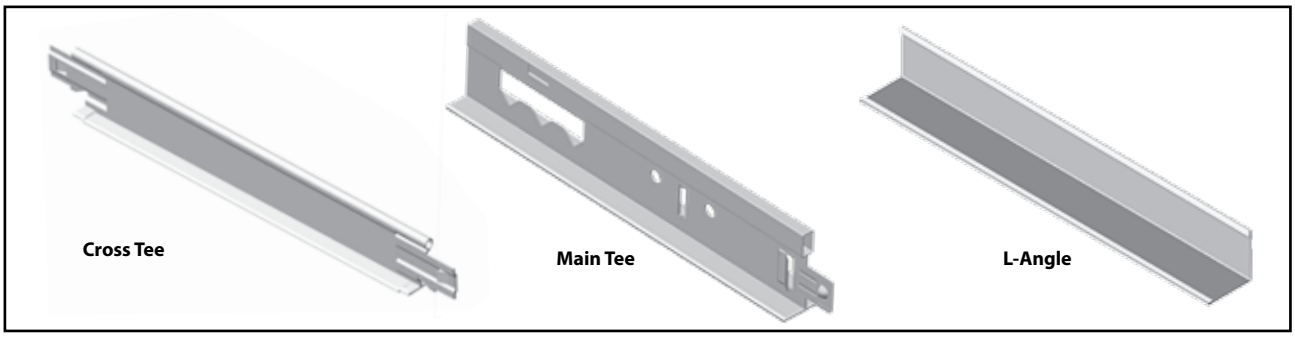
Specifications:

Aluminium open cell ceilings 600 x 600 mm made up of "U" shaped profiles with a width of 10 mm / 24 mm and height of 40 mm and with thickness of 0.4 mm, which suitably coupled form a square cell.

Specifically designed to fit into standard 15 or 24 mm wide T-Grids, they provide a trackless appearance of the ceiling.

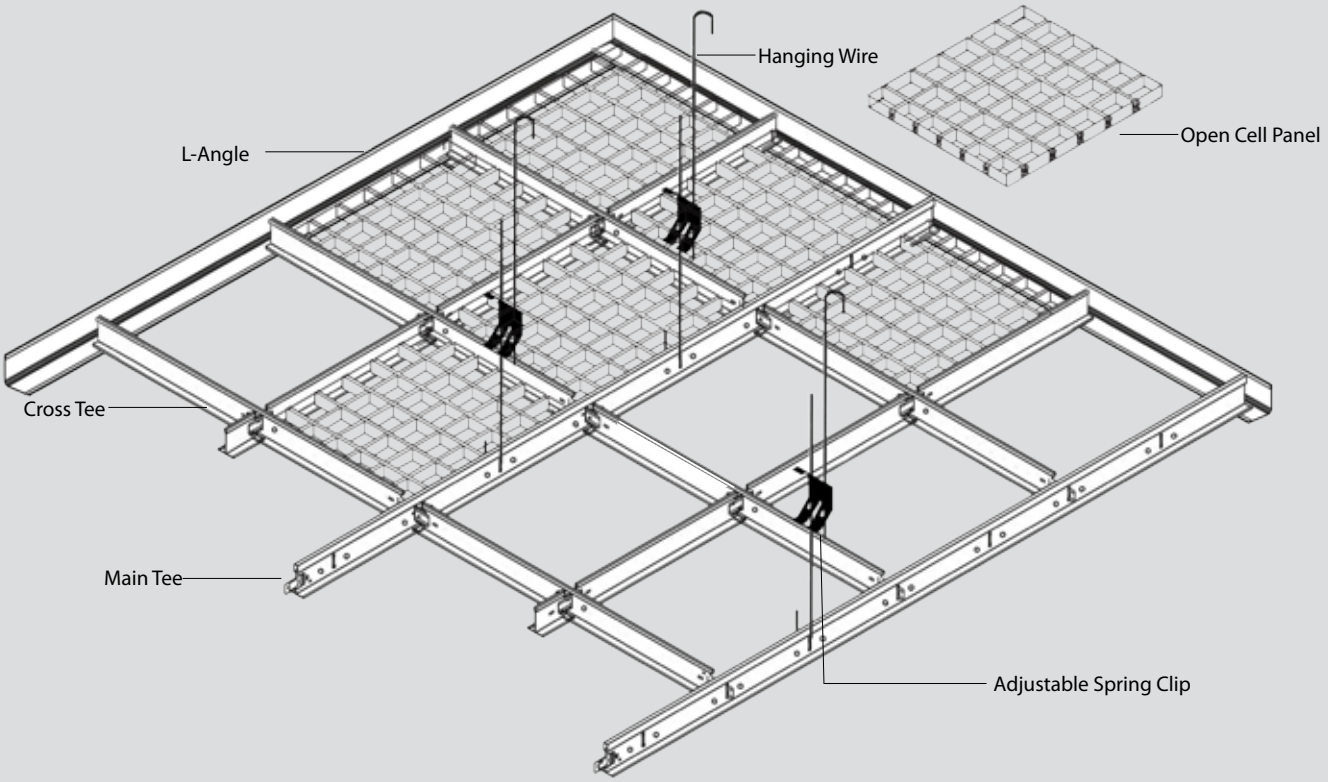
Open Cell Ceiling 600 x 600 mm with T-Grid System are high quality products for easiest placement and removal of the panels.

The Standard color is white RAL 9003. Other colors can be provided as powder coating as per Jotun RAL Codes.



T- 15/24 Grid Main Suspension *see page 10*

Installation Method



Open Cell 600 x 600mm are installed in the suspension grids formed by T-Profiles, 15 or 24mm wide, 3600, 1200 and 600mm long. When the panel is laid into the suspension grid, the structure results fully integrated in the cell ceiling. The modular panels 600 x 600mm are easily individually laid into and taken out of the standard T-grid, by lifting them upwards for simple access to the plenum.

1. Level marking on walls using water level or laser method.
2. Fixing of wall angle with screws and nails.
3. Mark out & commence fixing of Grid Suspension System using Main Tee on 600mm spacing, Cross Tees on 600mm spacing according to the approved layout to make 600 x 600mm grid.
4. Fixing of suspension system with 3mm wires fixed to concrete with ceiling clips, cartridges and having adjustable clips to adjust the ceiling level.
5. Installation of Lay-In 600 x 600mm tiles in a proper way taking into consideration the ceiling level and design pattern.
6. Installation of the Blade M (Male Type) on 100 mm distance or 50mm with the intersection of the same installation distance of the Blade F (Female Type) in order to create the Cell size to form 600 x 600mm.
7. Slit two pieces of Blade M to arrange a frame border for the tile.
8. Open Cell 600 x 600mm form to be fit inside the open space of the T-Grid installed suspension system.

DRYLINE FURRING CHANNEL SYSTEMS

System Description

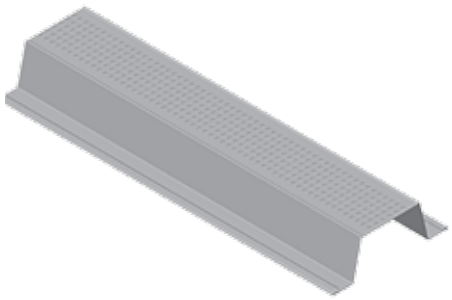
This System is a versatile hat-shaped metal channel, designed for "Furring" out any surface for final finish application. Furring channel is used in conjunction with cold rolled channel, suspended steel frame cladded with gypsum board sheets. This system is ideal for smooth areas that is needed without joints or for concealing services.

Dryline Furring Channel Systems

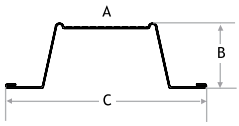
- Furring Channel
- Knurling Furring Channel
- Main Channel
- Stud Channel
- W-Angle (Plain)
- W-Angle (Perforated)
- Wall Angle
- Z-Trim
- Aluminium Extruded F Profile
- Installation Method

Dryline Furring Channel Systems

Furring Channel

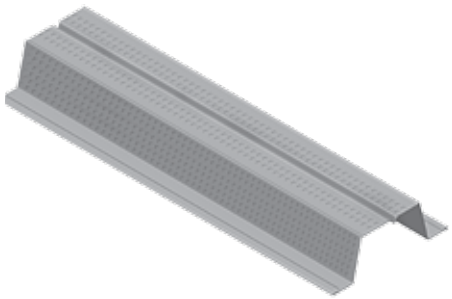


Reference	Dimensions			Thickness	Length	Material
	A	B	C			
FC30	30	22	70	0.5-1.2	3000	Galvanized
FC35	35	22	68	0.5-1.2	3000	Galvanized
FC50	50	22	81	0.5-1.2	3000	Galvanized

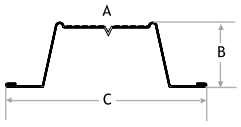


Galvanized Steel: BS EN 10346:2009
(formerly BS EN 10142:1991)
Coating Type: Z120, Z180 & Z275 ASTM A653 /A653M
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

Knurling Furring Channel

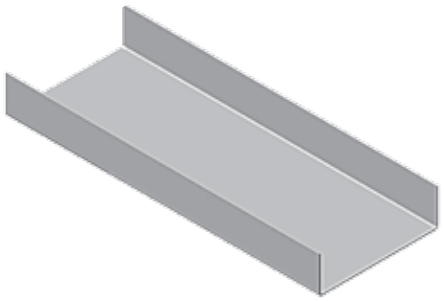


Reference	Dimensions			Thickness	Length	Material
	A	B	C			
KFC35	35	22	68	0.5	3000	Galvanized



Galvanized Steel: BS EN 10346:2009
(formerly BS EN 10142:1991)
Coating Type: Z120, Z180 & Z275 ASTM A653 /A653M
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

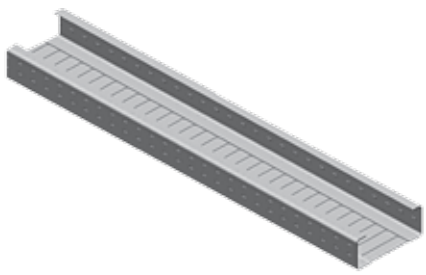
Main Channel



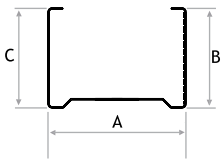
Reference	Dimensions			Thickness	Length	Material
	A	B	C			
C19	12	19	12	0.5-1.5	3000	Galvanized
C20	12	20	12	0.5-1.5	3000	Galvanized
C25	12	25	12	0.5-1.5	3000	Galvanized
C38	12	38	12	0.5-1.5	3000	Galvanized
C45	12	45	12	0.5-1.5	3000	Galvanized
C50	12	50	12	0.5-1.5	3000	Galvanized

Galvanized Steel: BS EN 10346:2009
(formerly BS EN 10142:1991)
Coating Type: Z120, Z180 & Z275 ASTM A653 /A653M
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

Stud Channel



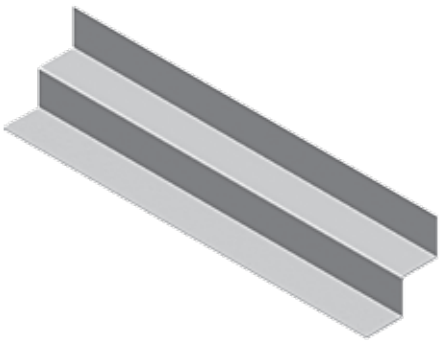
Reference	Dimensions			Thickness	Length	Material
	A	B	C			
SC35	35	15	15	0.5-0.7	3000	Galvanized



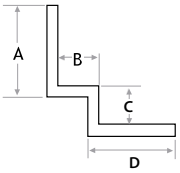
Galvanized Steel: BS EN 10346:2009
(formerly BS EN 10142:1991)
Coating Type: Z120, Z180 & Z275 ASTM A653 /A653M
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

TMI®

W-Angle (Plain)

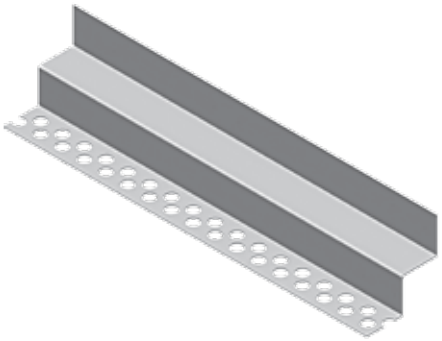


Reference	Dimensions				Length	Material	Piece/Box
	A	B	C	D			
ET-GW19x9	19	9	9	19	3000	Galvanized	50
ET-GW19x15	19	15	15	15	3000	Galvanized	50
ET-GW20x19	20	19	19	20	3000	Galvanized	50
ET-GW25x19	25	19	19	25	3000	Galvanized	50

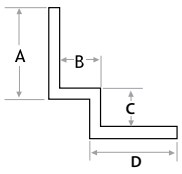


Galvanized Steel: BS EN 10346:2009
(formerly BS EN 10142:1991)
Coating Type: Z120, Z180 & Z275 ASTM A653 /A653M
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

W-Angle (Perforated)

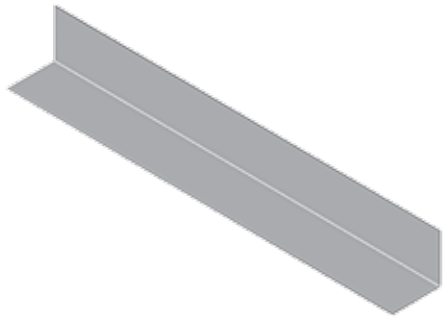


Reference	Dimensions				Length	Material	Piece/Box
	A	B	C	D			
ET-GWP19x9	19	9	9	19	3000	Galvanized	50
ET-GWP19x15	19	15	15	15	3000	Galvanized	50
ET-GWP20x19	20	19	19	20	3000	Galvanized	50
ET-GWP25x19	25	19	19	25	3000	Galvanized	50

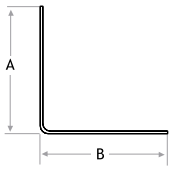


Galvanized Steel: BS EN 10346:2009
(formerly BS EN 10142:1991)
Coating Type: Z120, Z180 & Z275 ASTM A653 /A653M
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

Wall Angle

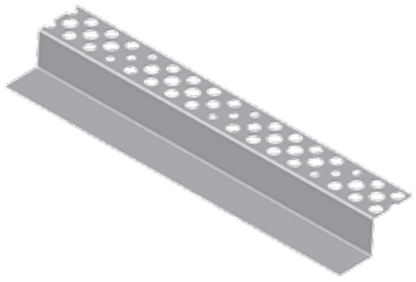


Reference	Dimensions		Thickness	Length	Material
	A	B			
A20	20	25	0.5-1.2	3000	Galvanized
A25	25	25	0.5-1.2	3000	Galvanized
A30	30	25	0.5-1.2	3000	Galvanized
A40	40	25	0.5-1.2	3000	Galvanized
A50	50	25	0.5-1.2	3000	Galvanized

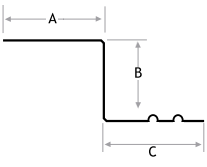


Galvanized Steel: BS EN 10346:2009
(formerly BS EN 10142:1991)
Coating Type: Z120, Z180 & Z275 ASTM A653 /A653M
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

Z-Trim

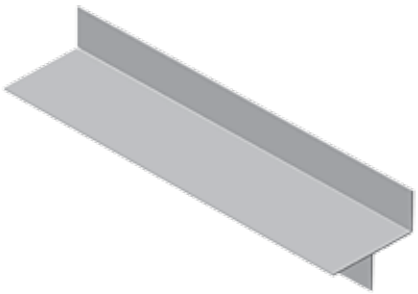


Reference	Dimensions			Thickness	Length	Material
	A	B	C			
Z25	25	20	20	0.45	3000	Galvanized

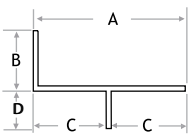


Galvanized Steel: BS EN 10346:2009
(formerly BS EN 10142:1991)
Coating Type: Z120, Z180 & Z275 ASTM A653 /A653M
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

Aluminium Extruded F Profile

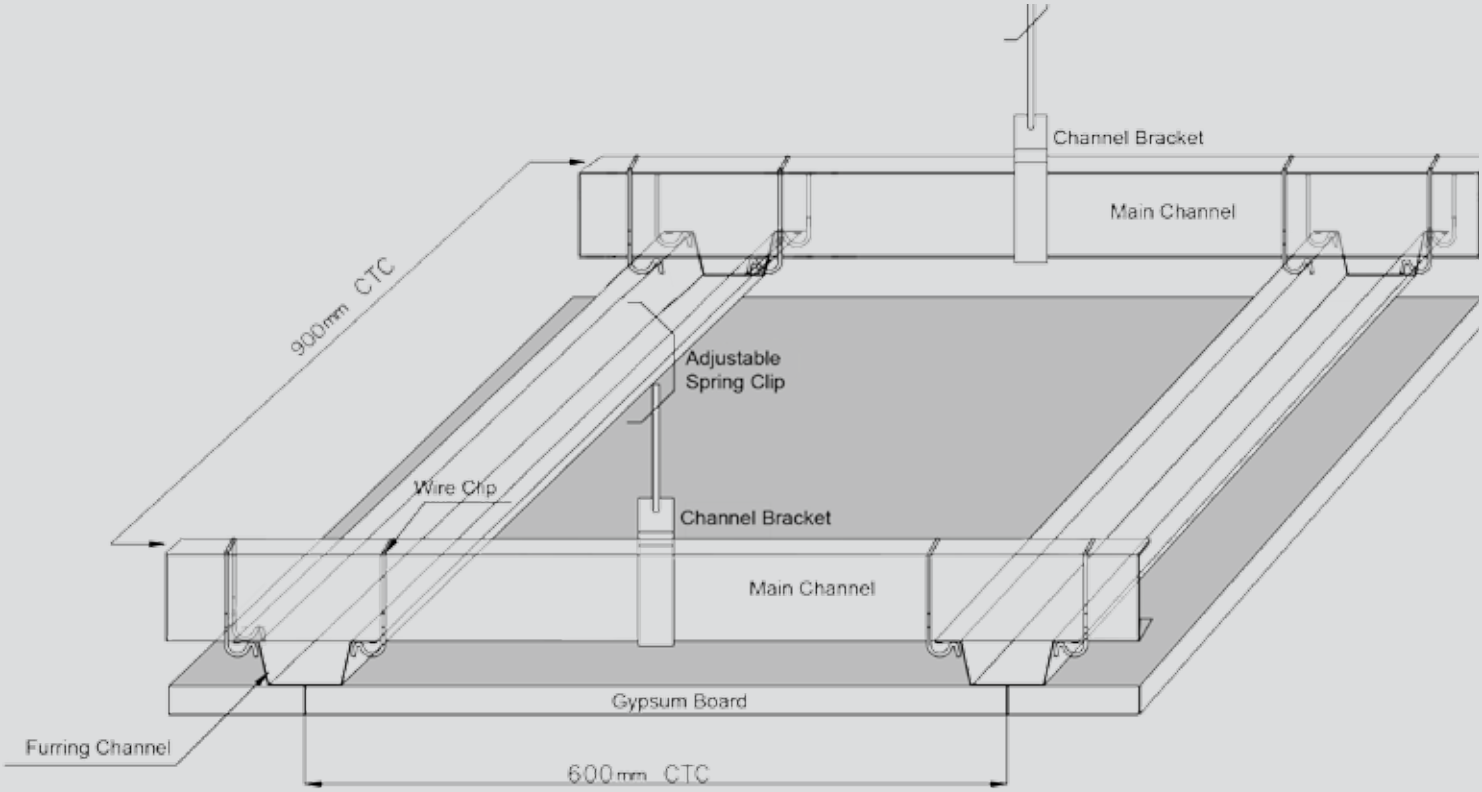


Reference	Dimensions				Thickness	Length	Material
	A	B	C	D			
FP	30	20	15	13	1.2	6000 / 3000	Aluminium



Powder Coated RAL9003 or RAL9010 / Mill Finished
Thicknesses and custom lengths are available upon request.
Note: All dimensions are in mm.

Installation Method



1. Level marking on wall for suspended ceiling levels using water level or laser method as datum on walls. (Same method to be used for checking false ceiling gypsum board at corners and mid span of support system when fixed).
2. Fix wall angle for suspended ceiling.
3. Mark out and commence fixing of grid suspension system using Furring Channels at 600mm centers and Main Channels at 1,200mm centers not more than 900 mm from perimeter wall for both Furring and Main Channels.
   Suspension system to be with hanging wire and adjustable clip at 1,200 mm centers fixed to the soffit using ceiling clip and cartridge.
4. Connecting Main Channel with Furring Channel using TMI approved wire clip.
5. Installation of Main Channel and Furring Channel to be adjusted where required accommodating MEP services, light fittings, diffusers, etc…
6. Gypsum board 12.50mm thickness to be screwed to Furring System with approved dry wall screws.
7. Filling of board joint gaps with joint compound.
8. Fixing of joint fiber tape on board joints and finishing with joint compound made ready to receive decoration.
9. Cut apertures for lights, plenum boxes, etc... Cut holes of HVAC balancing and re-fix.
10. Construct archway structure in angle system to required profile.

DRYWALL PARTITIONING SYSTEMS

System Description

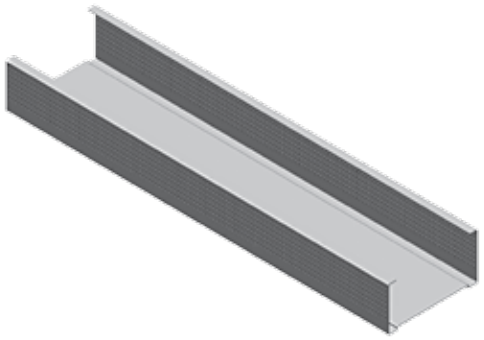
This system is used in conjunction with cold rolled channel, steel frames of stud and track, used for interior non load-bearing walls, which has to be cladded with gypsum board or other cladding sheets. This system in widely used in offices and residential buildings due to easy installations.

Drywall Partitioning Systems

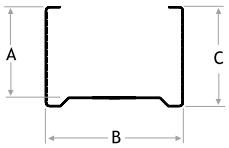
- Stud
- Track
- Depth Stud
- Deflection Track
- Wall Cladding Furring Channel
- Resilient Furring Channel
- Drywall Angle Bead Plain/Perforated
- Drywall Edge Bead Plain/Perforated
- Stud (ST) Clip Connector
- Installation Method

Drywall Partitioning Systems

Stud

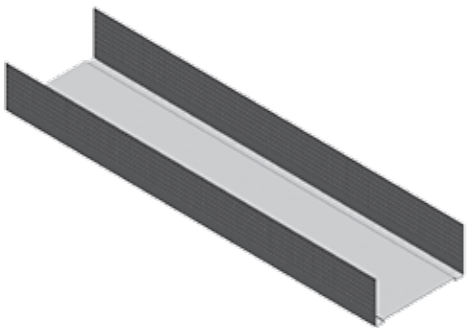


Reference	Dimensions			Thickness	Length	Material
	A	B	C			
S40	34	40	36	0.5-1.5	3000	Galvanized
S45	34	45	36	0.5-1.5	3000	Galvanized
S50	34	50	36	0.5-1.5	3000	Galvanized
S53	34	53	36	0.5-1.5	3000	Galvanized
S60	34	60	36	0.5-1.5	3000	Galvanized
S63	34	63	36	0.5-1.5	3000	Galvanized
S70	34	70	36	0.5-1.5	3000	Galvanized
S73	34	73	36	0.5-1.5	3000	Galvanized
S83	34	83	36	0.5-1.5	3000	Galvanized
S90	34	90	36	0.5-1.5	3000	Galvanized
S92	34	92	36	0.5-1.5	3000	Galvanized
S98	34	98	36	0.5-1.5	3000	Galvanized
S123	34	123	36	0.5-1.5	3000	Galvanized
S148	34	148	36	0.5-1.5	3000	Galvanized

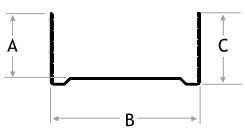


Other sizes of Thickness, Length, Depth & Flange can be made upon request.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991)
Coating Type: as per ASTM A653 / A653M.
Note: All dimensions are in mm.

Track



Reference	Dimensions			Thickness	Length	Material
	A	B	C			
T42	23	42	25	0.5-1.5	3000	Galvanized
T47	23	47	25	0.5-1.5	3000	Galvanized
T52	23	52	25	0.5-1.5	3000	Galvanized
T55	23	55	25	0.5-1.5	3000	Galvanized
T62	23	62	25	0.5-1.5	3000	Galvanized
T65	23	65	25	0.5-1.5	3000	Galvanized
T72	23	72	25	0.5-1.5	3000	Galvanized
T75	23	75	25	0.5-1.5	3000	Galvanized
T85	23	85	25	0.5-1.5	3000	Galvanized
T92	23	92	25	0.5-1.5	3000	Galvanized
T94	23	94	25	0.5-1.5	3000	Galvanized
T100	23	100	25	0.5-1.5	3000	Galvanized
T125	23	125	25	0.5-1.5	3000	Galvanized
T150	23	150	25	0.5-1.5	3000	Galvanized



Other sizes of Thickness, Length, Depth & Flange can be made upon request.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991)
Coating Type: as per ASTM A653 / A653M.
Note: All dimensions are in mm.

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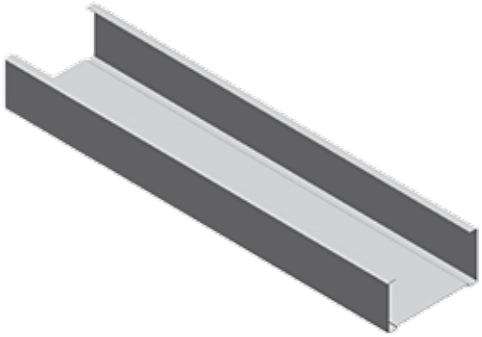
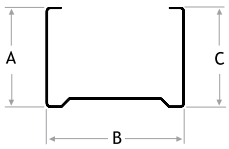
Depth Stud

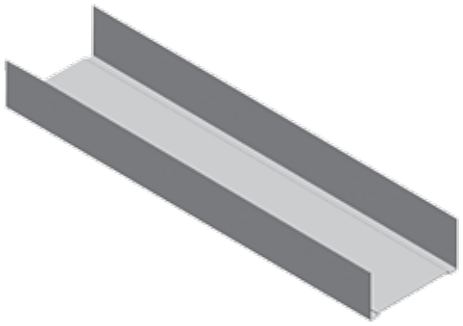


Reference	Dimensions			Thickness	Length	Material
	A	B	C			
DS45	50	45	50	0.8-1.0	3000	Galvanized
DS50	50	50	50	0.8-1.0	3000	Galvanized
DS53	50	53	50	0.8-1.0	3000	Galvanized
DS60	50	60	50	0.8-1.0	3000	Galvanized
DS63	50	63	50	0.8-1.0	3000	Galvanized
DS70	50	70	50	0.8-1.0	3000	Galvanized
DS73	50	73	50	0.8-1.0	3000	Galvanized
DS92	50	92	50	0.8-1.0	3000	Galvanized
DS98	50	98	50	0.8-1.0	3000	Galvanized

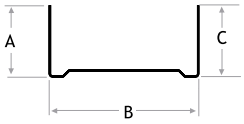


Other sizes of Thickness, Length, Depth & Flange can be made upon request.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991)
Coating Type: as per ASTM A653 / A653M
Note: All dimensions are in mm.

Deflection Track

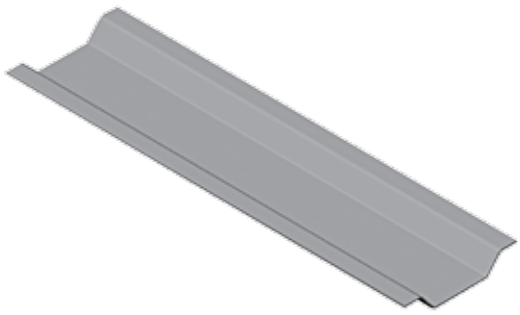


Reference	Dimensions			Thickness	Length	Material
	A	B	C			
DT47	50	47	50	0.8-1.0	3000	Galvanized
DT52	50	52	50	0.8-1.0	3000	Galvanized
DT55	50	55	50	0.8-1.0	3000	Galvanized
DT62	50	62	50	0.8-1.0	3000	Galvanized
DT65	50	65	50	0.8-1.0	3000	Galvanized
DT72	50	72	50	0.8-1.0	3000	Galvanized
DT75	50	75	50	0.8-1.0	3000	Galvanized
DT94	50	94	50	0.8-1.0	3000	Galvanized
DT100	50	100	50	0.8-1.0	3000	Galvanized

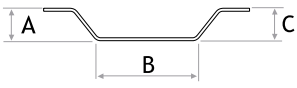


Thicknesses and custom lengths are available upon request.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991)
Coating Type: as per ASTM A653 / A653M
Note: All dimensions are in mm.

Wall Cladding Furring Channel

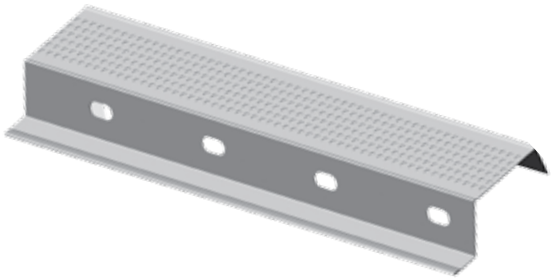


Reference	Dimensions			Thickness	Length	Material
	A	B	C			
SC34	10	34	10	0.5-0.7	3000	Galvanized

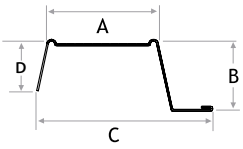


Thicknesses and custom lengths are available upon request.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991)
Coating Type: as per ASTM A653 / A653M
Note: All dimensions are in mm.

Resilient Furring Channel



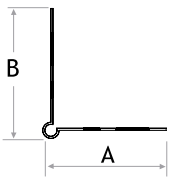
Reference	Dimensions				Thickness	Length	Material
	A	B	C	D			
DT47	30	22	57	13	0.4-0.6	3000	Galvanized



Thicknesses and custom lengths are available upon request.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991).
Coating Type: as per ASTM A653 / A653M.
Note: All dimensions are in mm.

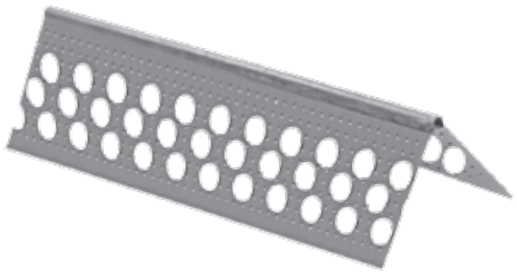
Drywall Angle Bead Plain

Reference	Dimensions		Length	Material
	A	B		
DAB28	28	28	2400/3000	Galvanized
DAB30	30	30	2400/3000	Galvanized
DAB32	32	32	2400/3000	Galvanized

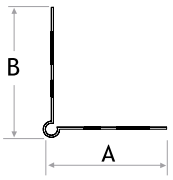


Thicknesses and custom lengths are available upon request.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991).
Coating Type: as per ASTM A653 / A653M.
Note: All dimensions are in mm.

Drywall Angle Bead Perforated



Reference	Dimensions		Length	Material
	A	B		
DABP28	28	28	2400/3000	Galvanized
DABP30	30	30	2400/3000	Galvanized
DABP32	32	32	2400/3000	Galvanized



Thicknesses and custom lengths are available upon request.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991).
Coating Type: as per ASTM A653 / A653M.
Note: All dimensions are in mm.

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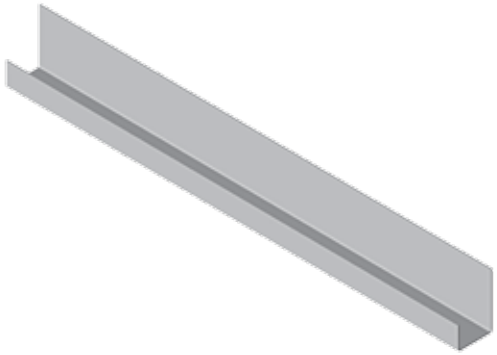
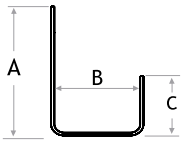
Drywall Edge Bead Plain

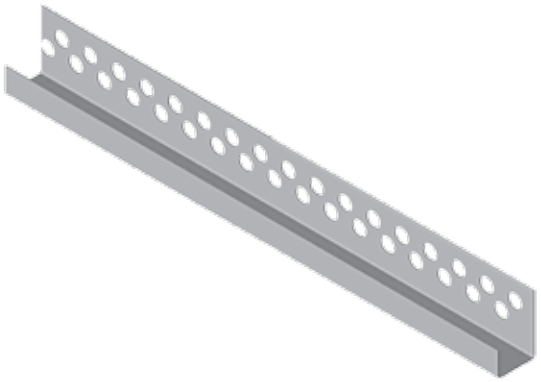


Reference	Dimensions			Length	Material
	A	B	C		
DEB13	24	13	9	3000	Galvanized
DEB15	24	15	9	3000	Galvanized

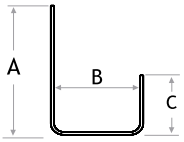


Thicknesses and custom lengths are available upon request.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991).
Coating Type: as per ASTM A653 / A653M.
Note: All dimensions are in mm.

Drywall Edge Bead Perforated

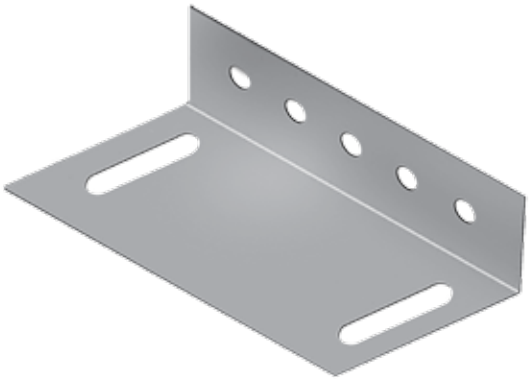


Reference	Dimensions			Length	Material
	A	B	C		
DEBP13	24	13	9	3000	Galvanized
DEBP15	24	15	9	3000	Galvanized

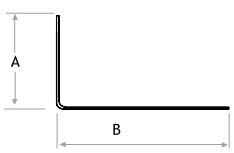


Thicknesses and custom lengths are available upon request.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991).
Coating Type: as per ASTM A653 / A653M.
Note: All dimensions are in mm.

Stud (ST) Clip Connector



Reference	Dimensions		Thickness	Depth	Material
	A	B			
STCC	as per request		0.5 up to 1.5	as Stud Depth	Galvanized



Clip to be attached to the wall studs through vertical slots using wafer heads screws, creating a positive connection that allows the vertical movement, supports horizontal loads and also eliminates the requirement for lateral bracing near the top of the wall.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991)
Coating Type: Z120, Z180 & Z275 (ASTM A653 /A653M).
Note: All dimensions are in mm.

Installation Method

A. Install tracks at floors, ceilings, structural walls and columns where gypsum board stud system abuts other construction.

B. Extend partition framing full height to structural supports or substrates above suspended ceilings, except where partitions are indicated to terminate at or just above suspended ceilings. Continue framing over frames for doors and openings and frame around ducts penetrating partitions above ceiling to provide support for gypsum boards.

1. For fire-resistance rated partitions that extend full height, install framing around structural members, as required to support gypsum board closures needed to make partitions continuous from floor to under side of structure above.
2. Install bridging, if needed.

C. Brace partition framing, not extending full height to structure above, with studs same size and thickness as partition framing. Provide bracing at:

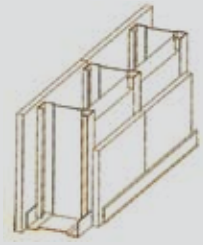
1. 15.24cm (6") on center (o.c.) intervals along length of partitions.
2. Not less than 15.24cm (6") o.c. from partition ends and corners.
3. Door and window openings.

D. Install steel studs in sizes and at spacing indicated.

1. Single-Layer Construction: Maximum space studs 60.96cm (24") o.c., unless otherwise indicated.
2. Multiple-Layer Construction: Maximum space studs 60.96cm (24") o.c., unless otherwise indicated.

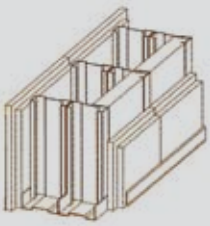
E. Installation of Gypsum Board.

1. Install boards of the appropriate type applications.
2. Install boards with the correct face side out to receive the scheduled finish.
3. Use boards of the maximum practical size to minimize joints for the entire wall surfaces.
4. Accurately align board surface to ensure visual continuity of the face design.
5. Fix boards with self-drilling power driven screws to Studs and Tracks.
6. Fix the boards from the center working towards the edges and corners.
7. Provide angle beads at external corners "J" shaped to cut edges and push boards fully into edge beads.
8. Fill gaps between boards and cover joints with continuous lengths of jointing tape set on jointing compound.
9. Apply additional coats of compound to concealed joints, the heads of fixings and imperfections in the board face and feather out the material to present a smooth and flush surface.
10. Apply a coat of primer / sealer to surface, apply an additional coat where required to adjust absorbency of surface and prevent taped joints grinning through paint finishes.

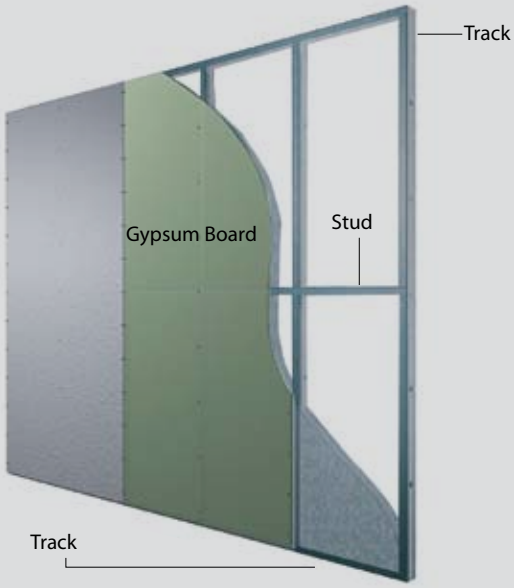


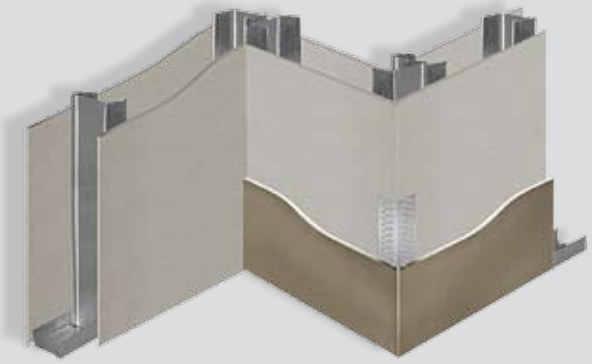
Single Stud Wall / Single Layer

Single Stud Wall / Double Layer



Double Stud Wall / Double Layer

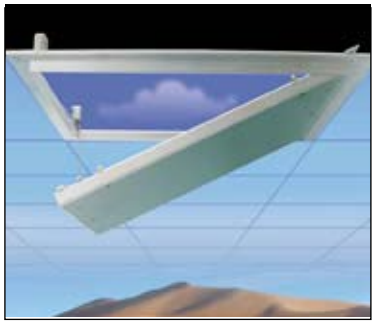




TMI®

Additional Products

Access Panels



The Classic Panel provides protected openings in ceilings and walls for access to building engineering services. The Access Panel frame is finished in powder coated white and can be over painted to blend with the surrounding surface. The Classic Panel is a high quality robust solution suitable for everyday use with all the discrete advantages the client demands of an access panel. Each panel is made to suit the individual tile and combination of tiles being used. This ensures no unsightly tile cuts or visible frames to disrupt the overall tiled finish. The design utilizes a continuous piano hinge that limits door sag to a minimum, thus avoiding chipped tiles caused by the door dropping as it is opened. Whether it is push open or sliding type, TMI is ready to make the access panel as per the client's request. The Access Panel frame consists of powder coated aluminium frame with Regular, Fire Resistant or Moisture Resistant Gypsum Board with a thickness ranging from 12mm up to 15mm.

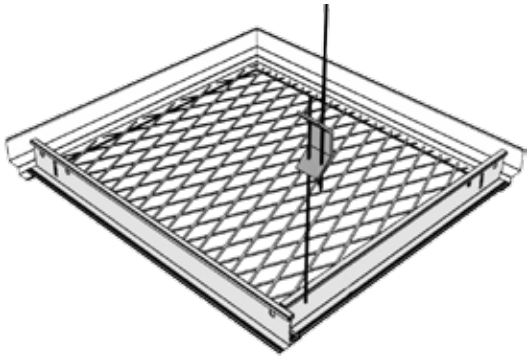
Access Panels Most Popular Sizes
TMI manufacture the most popular sizes of access panels, however, TMI is ready to make any size as per the customer and site requirements.

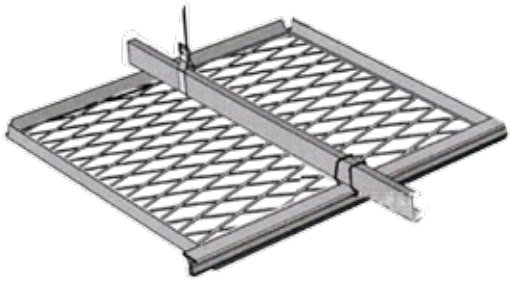
200 mm	x	200 mm	600 mm	x	600 mm
300 mm	x	300 mm	700 mm	x	700 mm
400 mm	x	400 mm	800 mm	x	800 mm
450 mm	x	450 mm	900 mm	x	900 mm
500 mm	x	500 mm	1000 mm	x	1000 mm

Mesh Ceiling

Lay-In Mesh Suspension System

Clip-In Mesh Suspension System





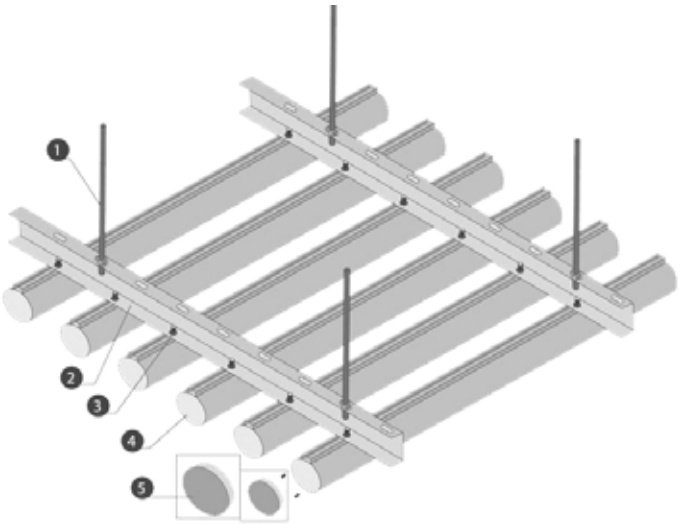
This system integrates with industry standard Lay-In & Clip-In light fixtures and air diffusers.
Mesh Ceiling provide a perfect solution for a modern ceiling. Through its textile like structure, the material combines air permeability and acoustic neutrality with an optical consistency of appearance.

Pipe Ceiling

This system is an open ceiling design, this simple form makes it conducive to larger ceiling installation. It ties in with a wide range of design requirements, the installation of ceiling tube spacing and pattern design can be customized according to engineering requirements. Commonly used in airports, subways, car parks, restaurants, schools, offices and different places for decorative purposes.

Standard Accessories:

1. Suspension Rod
2. Round Pipe Profile
3. Bolt
4. Round Pipe Panel
5. Side cover

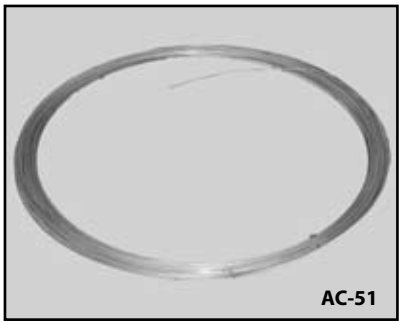


TMI®

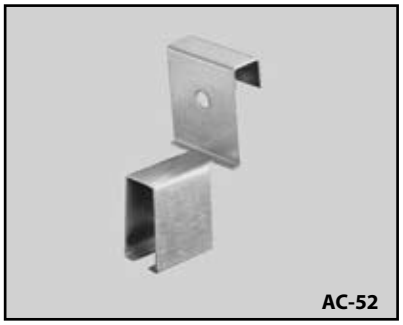
Accessories

Auminium Ladders

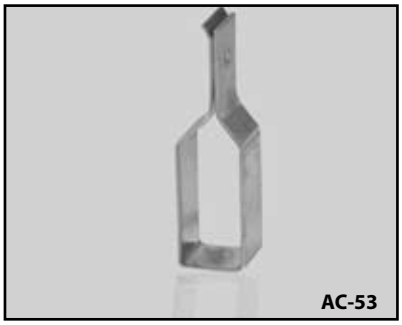
Adjustable Spring Clip



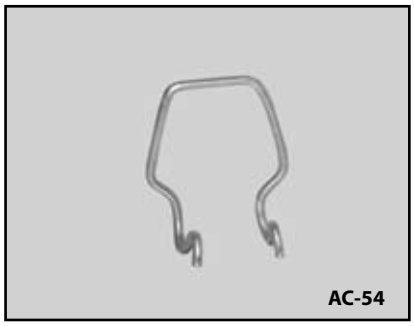
Hanging Wires



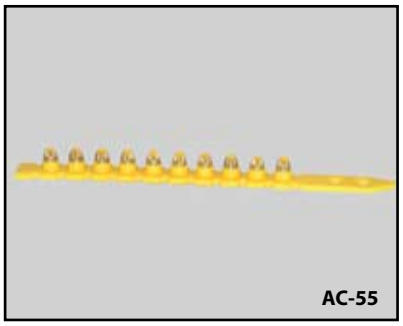
Ceiling Rail Connector



Main Channel Bracket

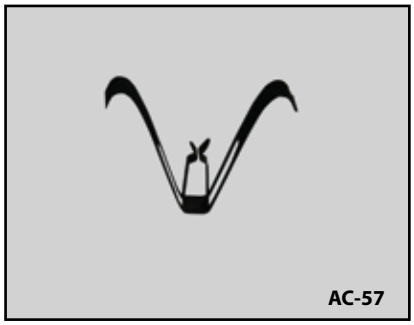


Wire Clip

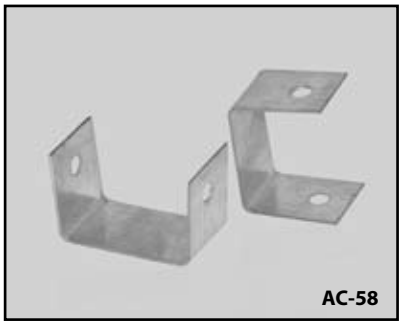


Ceiling Cartridge

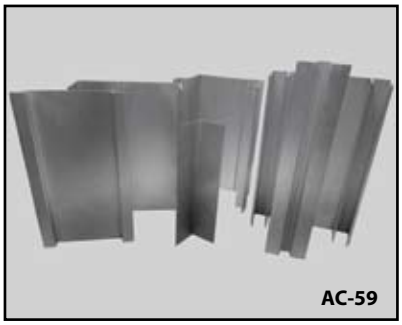
Ceiling Clip Nail



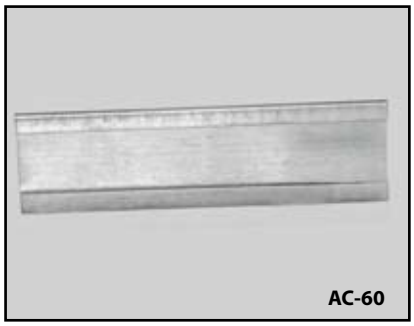
Hold Down Clip



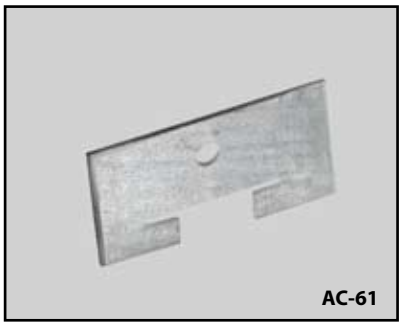
C-Clamp Channel



Aluminium Window Profiles



Spring Tee Connector

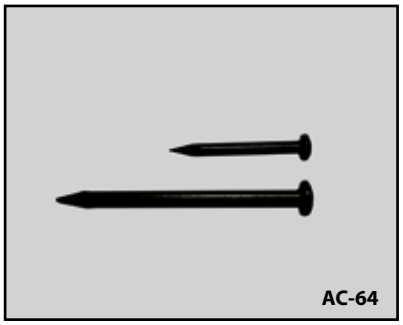


Spring Tee Hanger

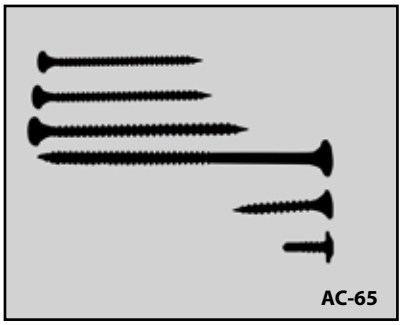
Rawlplug

Accessories

Window Profile Rubbers



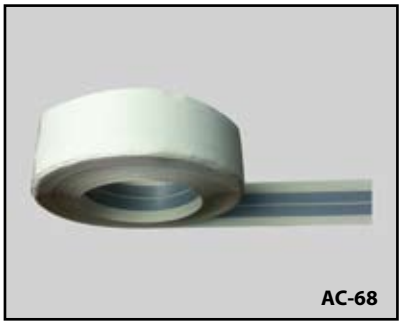
Steel Nails



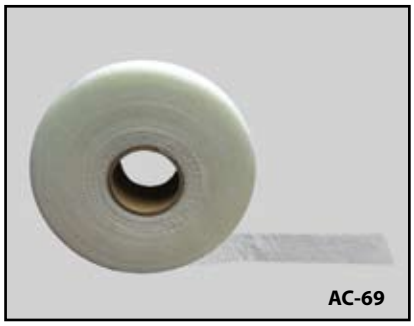
Screws

Gypsum Compound Ready Mix

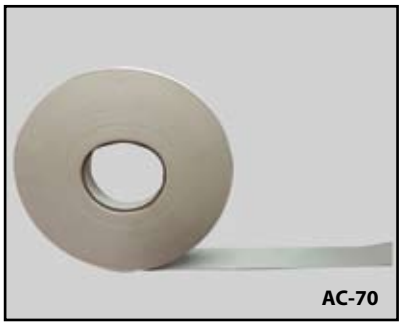
Rubber Skirting



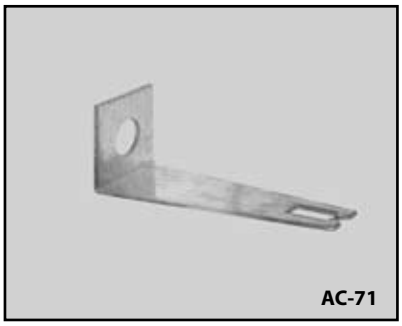
G.I. Metal Tape



Fiber Tape

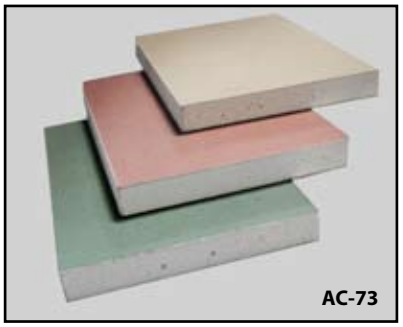


Paper Tape

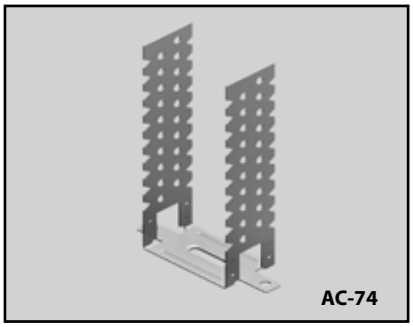


Main Tee L Shape Connector

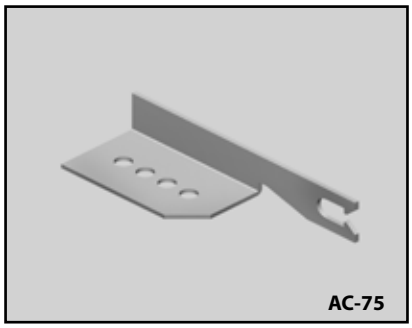
Service Plate



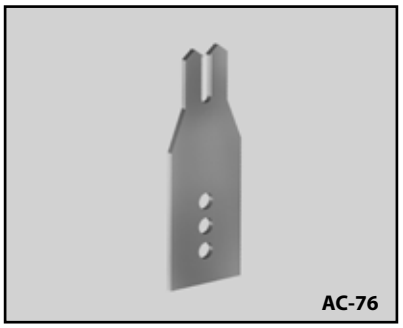
Gypsum Boards



Fixing Bracket



Main Bracket A



Main Bracket B

Note: Custom made G.I. Fabricated Accessories available upon request.

TMI®

Technical Specifications

Raw Materials Standards:

Aluminium
BS EN 573-3:2009, BS EN 485-2:2008
ASTM B209M

Galvanized Steel
BS EN 10346:2009 (formerly BS EN 10142:1991)
Coating Type: Z120,Z180 & Z275
ASTM A653/A653M

Stainless Steel
BS EN 10088-2:2005(formerly BS 1449:Part 2:1983)
ASTM A240/A240M

Preformed Wire Clip
Galvanized Steel Wire to BS EN 10244-2:2009
ASTM A641/A641M

Hanging Wire
Galvanized Steel Wire to BS EN 10244-2:2009
ASTM A641/A641M

Adjustable Spring Clip
Carbon Steel Strip to BS EN 10132-4:2000
Zinc Plated to BS EN ISO 2081:2008
Phosphated to BS 7371-9:1996

Main Channel Bracket / Channel Clamp / Spring Tee Hanger / Spring Tee Connector / Ceiling Rail Connector / Main Tee L-Shape Connector & other G.I. Accessories

Galvanized Steel Strip to BS EN 10346:2009,
ASTM A653/A653M

Manufacturing Standards:

Drywall Partitioning Systems & Dryline Ceiling Systems
BS EN 10162:2003, BS 5234-1:1992,
BS 7364:1990, BS EN 14195:2005 ASTM C645

Ceiling Suspension Systems (Tee Grid System)
ASTM C635-97

Hot Dip Galvanizing After Fabrication (HDGAF)
BS EN ISO 1461:1999 (formerly BS 729)
ASTM A123/A123M

Powder Coating
BS 6497:1984

Ordering Information

Dear Customer, to respond more quickly to your needs through faster quotation respond and shorter delivery time, you are kindly requested to provide us with full details as follows:

Type of Material
- Aluminium
- Galvanized
- Gypsum

Type of Coating
- Pre-painted / Powder Coated with the RAL Color Code (Standard colors RAL 9003 White & RAL 9010 Off-White)
- Galvanized (Zinc 120 / 180 / 275)

Dimensions
- Size
- Height
- Width
- Thickness
- Length

Specify the Ceiling System
- Concealed or Clip-In System
- Exposed Ceiling Systems (Lay-In / Lay-On) Tile
- Gypsum Vinyl with T-Grid System 24 or 15mm
- Ceiling Strip Systems / Self Supporting Strip
- Open Cell Systems
- Dryline Furring Channel Systems

Specify the Dry Wall Partitions with the sizes of the Stud and Track Runners with full dimensions. Also the type of Gypsum board to be notified with the dimensions. (Regular, Fire Rated or Moisture Resistance)

Accurate and better service requires precise information.

TMI - Abu Dhabi
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Fax : +971 (3) 7224769
P.O. Box: 99155
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Fax : +971 (4) 8852249
P.O. Box: 86029
Dubai

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Fax : +971 (7) 2282232
P.O. Box: 33239
Ras Al Khaimah

E-mail : tmi@tmico.ae
Website: www.tmi-co.com

Manufacturers of:

- Ceiling Suspension Systems & Partitions
- Expanded Mesh & Metal Products
- Cable Management Systems
- Industrial Gratings
- Stone Fixtures
- Metal Doors & Frames
- Industrial & IT Cabinets
- Highway Guardrail
- Fencing & Barriers
- Industrial Shelving Systems
- Aluminium Ladders

In House Services:

- Steel Fabrication
- Powder Coating
- Hot Dip Galvanizing
- Industrial Painting

TMI

شركة تصنيع المعادن الفنية ذ.م.م.

Technical Metal Industrial Co. L.L.C.

Reg. No. 18008961

Reg. No. 80Q08961

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