



METAL FRAMING SYSTEM BROCHURE

False Ceilings | Drywall Partitions | Gypsum Punning | Acoustics
Wall Claddings / Sidings | PVC Paneling | Thermal & Acoustic Insulation

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About KOHINOOR DECOR

Who we are?

Incorporated in the year 1998, we 'Kohinoor Decor' are a sole proprietorship-based firm engaged as the foremost wholesale supplier and service provider for Interior designing and False Ceiling Products (Gypsum Plaster, Plaster of Paris, Gypsum Boards, P.O.P. Sheets, Metal Framing Accessories – G.I. Ceiling Sections, Aluminium Ceiling Tiles, Metal Ceiling Tiles, PVC Panels) and False Ceiling Services. Our products are high in demand due to their premium quality and affordable prices. Furthermore, we ensure to timely deliver these products to our clients, through this we have gained a huge client's base in the market. Under the direction of our mentor 'Mr. Mohd. Ilyas Sheikh (Proprietor)', we have been able to achieve a reputed name in the industry.

We, at Kohinoor Decor, one of the most recognized and leading manufacturing and trading firms in Nagpur, provide you with different types of Interior Designing, Gypsum False Ceiling (Residential/ Commercial), Installations, Maintenance or repairing at a professional rate of prescribed designs.

Our business is generally known for its next level ceiling designs, their resistance to extreme weather conditions, ease of services provided and skilled installations by workers.

We also take part in trading all varieties of ceiling products (Gypsum Powder, Gypsum Boards, Ceiling Tiles, Ceiling Sections, Gypsum and Plaster of Paris sheets) at a much cost-effective rate.

From our Executive Owner,

With my 25 years of experience in this stream of interior designing, false ceiling contracts and all related Gypsum works, I have been able to recognize every bit of trading and supplying every commodity in this scenario.

Our business usually deals with better customer satisfaction with every ease of better execution of the work. Our executing staff never fails to perform their tasks regardless of the direction they have been given.

Mohd. Ilyas Sheikh

Owner and Founder at Kohinoor Decor, Nagpur



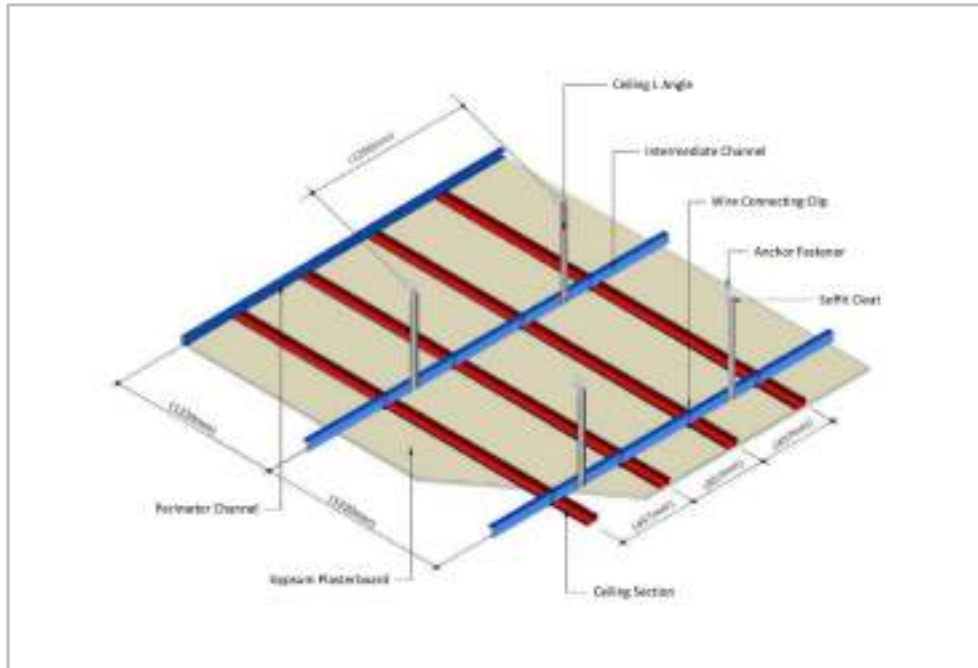
METAL FRAMING SYSTEM



Metal Framings are an integral part of the drywall or ceiling system and serve as a backbone for them. A drywall or false ceiling system has a strong spine of GI or Ultra Steel metal framework with plasterboard as its face. The metal framework gives the system its strength, long life and enhanced performance. Any compromise on the quality of the metal components can lead to permanent system failure. They are responsible for taking the load of the system on them and a good quality metal framing will ensure that the drywalls and partitions are long lasting.

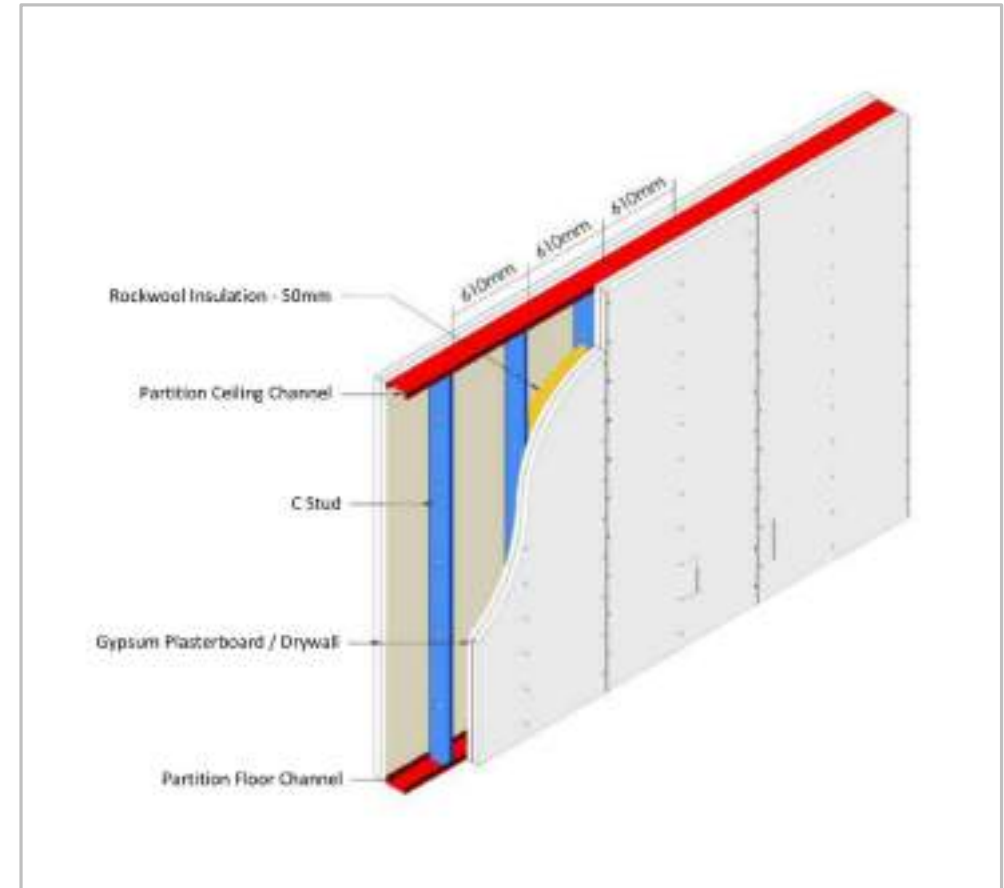
The metal framing is protected with Zn coating or Alu-Zinc coating of various thicknesses. It's important to check the coating thickness before deciding to buy metal framing. If we opt for branded metal framings, then we ensure that our metal frames are coated with proper Zinc or Alu-Zinc coating so that they provide superior corrosion protection and last long.

Ceiling Framing System



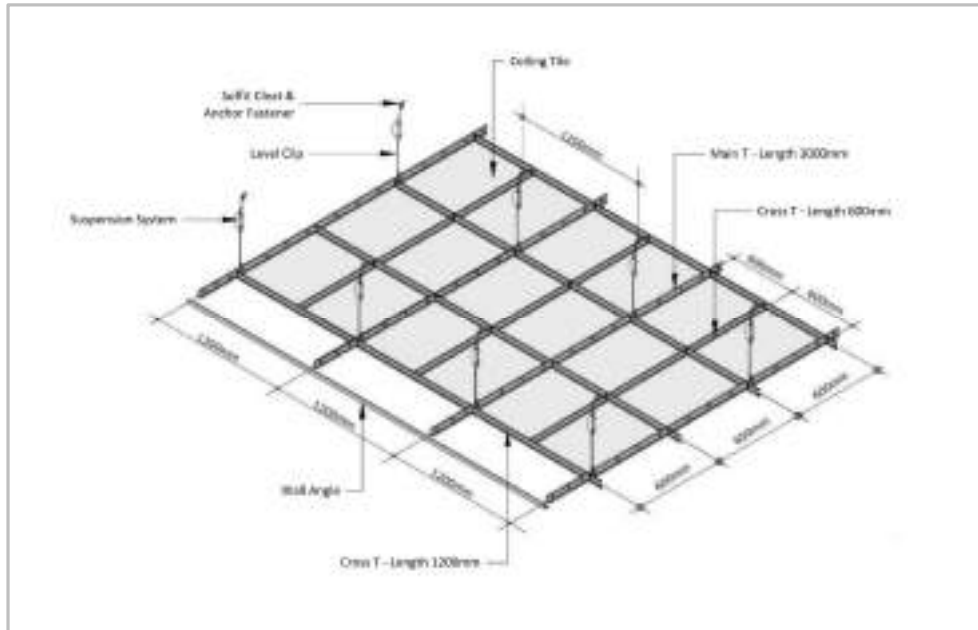
We offer a comprehensive metal ceiling framing system and accessories range to meet the challenges of modern day construction. Our range of metal framing provide basic support, strength and integrity to the false ceilings.

Partition Framing System



We provide metal partition profiles that are produced with an innovative & Patent applied Serration process which produces a unique serrated pattern across the surface of the material which results into increased surface area, doubled surface thickness, stronger surface due to work hardening and increased load carrying capacity.

Grid Framing System



T-Grids help support to achieve desired final look with varied range of sizes, patterns & edge profiles. Post Installation maintenance friendly & Easy Servicing are the key highlights of T-Grids components & the entire Grid Framing System.

Advantages of Galvanised Iron (G.I.) over other metals



- ▶ Higher density: Higher strength & Higher screw retention
Higher Young's modulus: better stiffness
- ▶ Lower the thermal conductivity, Higher melting point; better fire rating
- ▶ GI is stiffer and has lower malleability than Al, hence has better screw retention & cyclic loading.

Key Features of G.I. Framing System



Fire Safety

Fire performance of framing system depends upon stability and integrity.



Acoustic Comfort

4 to 5 times more sound proof and aesthetic



Technical Excellence

More stable despite of its self-weight, load and impact



Uniqueness and Design

More professional designs by trained workers

G.I. FRAMES & CHANNELS

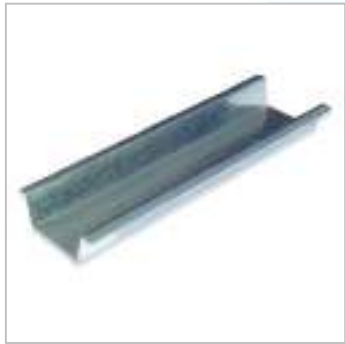


All Galvanised Iron (G.I.) Ceiling and Partition Frames and Channels are with Al-Zn coating of 150 gsm which provides superior corrosion resistance. Detailed working on each bend and curve of sections to achieve error free manufacturing, and desired performance.

G.I. frames is made of special high-performance steel that undergoes stringent quality checks and controls to ensure correct and consistent base material for further profiling. The steel comes in rolled coils to maintain the proper thickness throughout its length. Quality checks ensure correct selection of material for strength and corrosion resistance. The steel sheet is work-hardened by passing it through a teathed roller with a patented serration design which gives a typical unique serration pattern on the surface.

G.I. Ceiling Frames & Channels

G.I. Ceiling Framing System



Ceiling Section / Furring Channel

Material	Galvanized Iron (G.I.)
Manufacturing Technique	Roll Formed
Weight (gms)	500 600 700 800
Length	8 ft 12 ft
Base Metal Thickness (mm)	0.5 0.8
Dimensions (mm)	80 x 26 x 51 x 2440 80 x 26 x 51 x 3660

The main supporting section to fix plasterboard



Intermediate Channel

Material	Galvanized Iron (G.I.)
Manufacturing Technique	Roll Formed
Weight (gms)	500 600 700 800
Length	8 ft 12 ft
Base Metal Thickness (mm)	0.5 0.8
Dimensions (mm)	15 x 45 x 15 x 2440 15 x 45 x 15 x 3660

Primary section to support the ceiling section



Perimeter Channel

Material	Galvanized Iron (G.I.)
Manufacturing Technique	Roll Formed
Weight (gms)	500 600 700 800
Length	8 ft 12 ft
Base Metal Thickness (mm)	0.5 0.8
Dimensions (mm)	20 x 28 x 30 x 2440 20 x 28 x 30 x 3660

Fix around walls/partitions



Ceiling L Angle

Material	Galvanized Iron (G.I.)
Manufacturing Technique	Roll Formed
Weight	275-325 gms
Length	8 ft 12 ft
Base Metal Thickness (mm)	0.5 0.8
Dimensions (mm)	25 x 25 x 2440 25 x 25 x 3660

To provide suspensions from the structural soffit

G.I. Partition Framing System



Floor & Ceiling Channel

Material	Galvanized Iron (G.I.)
Manufacturing Technique	Roll Formed
Weight (gms)	700 800
Length	12 ft
Base Metal Thickness (mm)	0.5 0.8
Dimensions (mm)	50 x 32 x 32 x 3660 72 x 32 x 32 x 3660

Fixed to floor and ceiling for securing wall studs

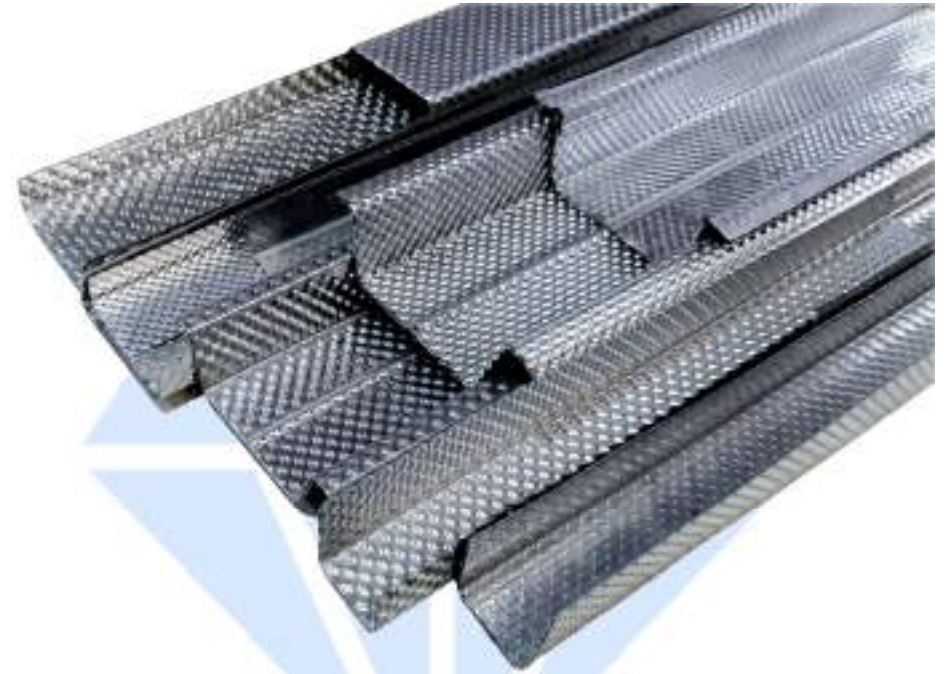


C-Stud

Material	Galvanized Iron (G.I.)
Manufacturing Technique	Roll Formed
Weight (gms)	700 800
Length	12 ft
Base Metal Thickness (mm)	0.5 0.8
Dimensions (mm)	50 x 34 x 36 x 3660 72 x 34 x 36 x 3660

Used as the vertical support in wall framing

ULTRA STEEL FRAMES & CHANNELS

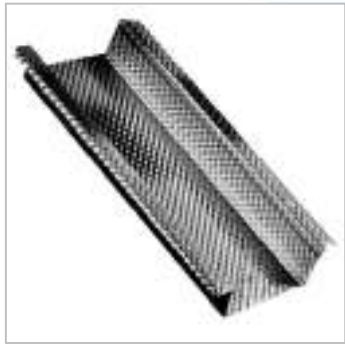


Ultra Steel is manufactured through a cold rolled pre-forming process that locally work-hardens the base material, and provides great strength to the false ceiling and drywall systems. Detailed working on each bend and curve of sections to achieve error free manufacturing, and desired performance.

Ultra Steel Frames are made of special high-performance steel that undergoes stringent quality checks and controls to ensure correct and consistent base material for further profiling. The steel comes in rolled coils to maintain the proper thickness throughout its length. Quality checks ensure correct selection of material for strength and corrosion resistance. The steel sheet is work-hardened by passing it through a teathed roller with a patented design from Hadley which gives a typical unique knurling pattern on the surface.

Ultra Steel Ceiling Frames & Channels

Ultra Steel Ceiling Framing System



Ceiling Section / Furring Channel

Material	Ultra Steel
Manufacturing Technique	Roll Formed
Weight	1-1.5 kg
Length	12 ft
Base Metal Thickness (mm)	0.5 0.8
Dimensions (mm)	80 x 26 x 51 x 3660

The main supporting section to fix plasterboard



Intermediate Channel

Material	Ultra Steel
Manufacturing Technique	Roll Formed
Weight	0.9-1.5 kg
Length	12 ft
Base Metal Thickness (mm)	0.5 0.8
Dimensions (mm)	15 x 45 x 15 x 3660

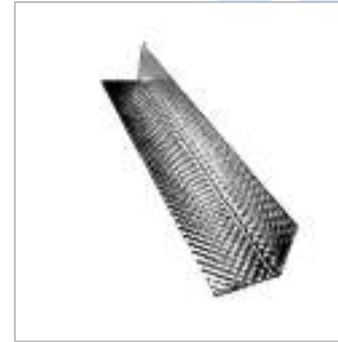
Primary section to support the ceiling section



Perimeter Channel

Material	Ultra Steel
Manufacturing Technique	Roll Formed
Weight	0.9-1.3 kg
Length	12 ft
Base Metal Thickness (mm)	0.5 0.8
Dimensions (mm)	20 x 28 x 30 x 3660

Fix around walls/partitions



Ceiling L Angle

Material	Ultra Steel
Manufacturing Technique	Roll Formed
Weight	0.5-0.9 kg
Length	12 ft
Base Metal Thickness (mm)	0.5 0.8
Dimensions (mm)	25 x 25 x 3660

To provide suspensions from the structural soffit

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