



the strong alternative



SUSPENDED CEILINGS SYSTEM:

Gypsum Ceiling system is a suspended steel framing system, clad with Gypsum Boards sheets. It is mostly used in areas with the modern and innovative designs are required and also are used where the plain ceiling is required. Compared with combustible wooden ceiling, Gypsum Board ceiling provides a safer and fire resistive environment.


the cost effective & the strong alternative of wooden particle boards for ceiling!

Features:

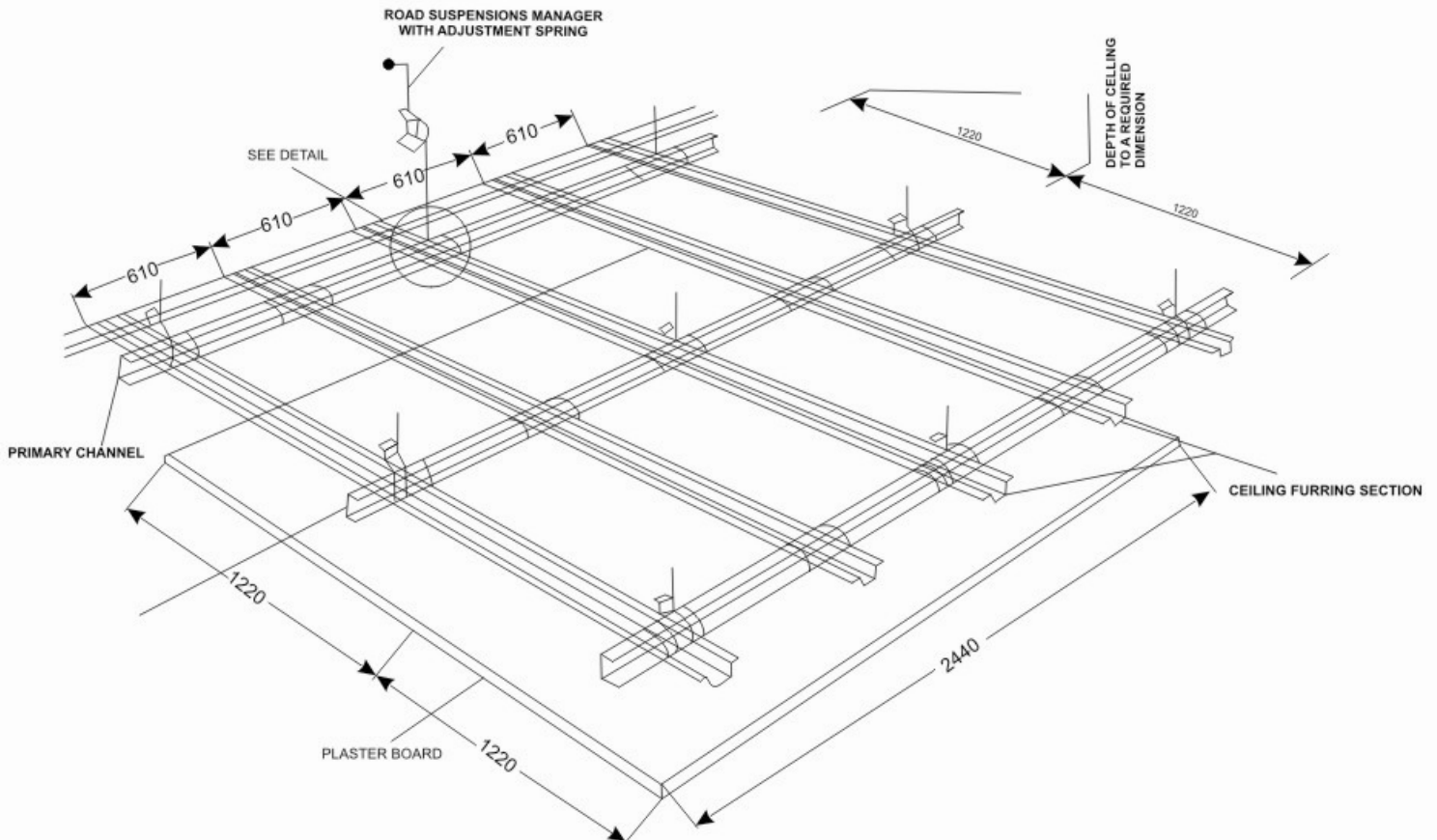
- It is lightweight, flame resistant, quake proof, and heat resistant.
- More space efficient, easily drilled for electrical and plumbing.
- Can be cut and routed, can be decorated, painted or tiled
- Can be flexed to fit curved surfaces
- Smooth finish without visible joints.
- Easily installed by nails or screws

Application:

All commercial and residential projects, such as: Factories, department's stores, hospitals, office building, houses, restaurants, etc.

go green  *lets be environment friendly!*

FURRING CEILING SYSTEM FOR GYPSUM BOARD AS RECOMMENDED BY US:



Suspended main channel bearer with furring "top hat" section attached with preformed clips. The furring section form a battening system on to which gypsum board is screwed using self tapping dry wall screws with an electric screwdriver.

SPECIFICATION

ASTM C- 1396 Gypsum Plaster Boards (Standard Type)

FIRE

Fire resistance is closely linked to the type of Gypsum Plaster Board used. However, the standard type also provides up to 120 minutes of fire resistance.



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FURRING CEILING SYSTEM RECOMMENDED BY DFB GYPSUM:

Furring suspended ceiling systems includes G.I wall angle of thickness 0.5mm, having equal Flanges of 25mm along the perimeter of ceiling. It is screw fixed to brick wall or partition walls with the help of nylon sleeves and screws at 600mm center to center.

The Primary G.I channel of size 35mm (0.8mm thick with two flanges of size 10mm each) are suspended from the soffit at (For Imperial size Board) 1220mm (For Metric size Boards) 1200mm inter space with suspension wire of 3mm thickness (GI) with adjustable level clips. This is then fixed to the soffit with G.I Cleat and steel expansion fasteners.

Furring Channel (of 0.5mm thickness having knurled web 35mm and two flanges of 22mm each with lips of 10mm) are then fixed to the Primary Channel with the help of wire clip and direction perpendicular to the Primary Channel at 600mm space.

Gypsum Plaster Board (confirming to ASTM C 1396) of thickness 9mm or 12.5mm is then screw fixed to furring channel with 25mm drywall screws at 230mm spaces. **However, we recommend 9mm Gypsum Board for suspended ceiling system, which is not only cost effective but also reduces the weight of furring system and the entire weight of the building structure, since it is lighter in weight.**

Finally, the Gypsum Board's, are joint at the tapered or square edges using glass fiber tape. Further, finish the joint with GypCompound hide the screw heads and allow to set/dry before painting.