G B ENTERPRISES
YOUR STRENGTH ALWAYS

GB ENTERPRISES

CRAFTING TRUST IN STEEL FOR OVER
"TWO DECADES"

www.gbroll.com

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"CLICK HERE TO JUMP AHEAD AND UNCOVER YOUR DESTINATION NOW!

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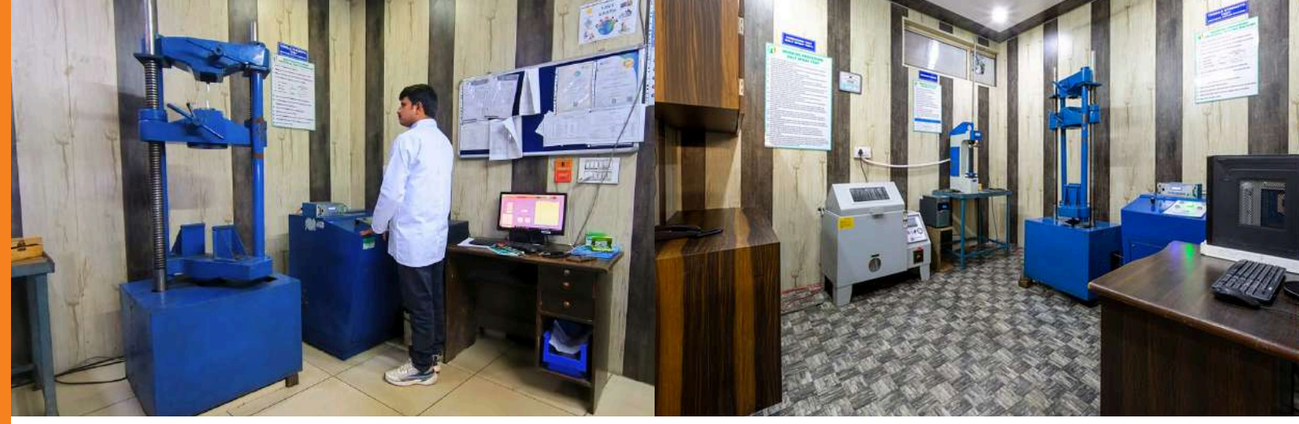
9 LIGHT GAUGE STEEL FRAME (LGSF)



ABOUT US.

INTRODUCTION

The company is successfully supplying Cold roll formed metal sections PAN India and Overseas with best quality. It is one of the leading ISO 9001:2015 certified organizations in India renowned for providing global innovative engineering solutions. The plant is spread in 1,65,000 sq.ft. having capacity of 3500 MT per month with 200 plus employees working to constantly increase company’s strength. Supplying to PAN INDIA, Middle East Countries & South East Asian Countries.



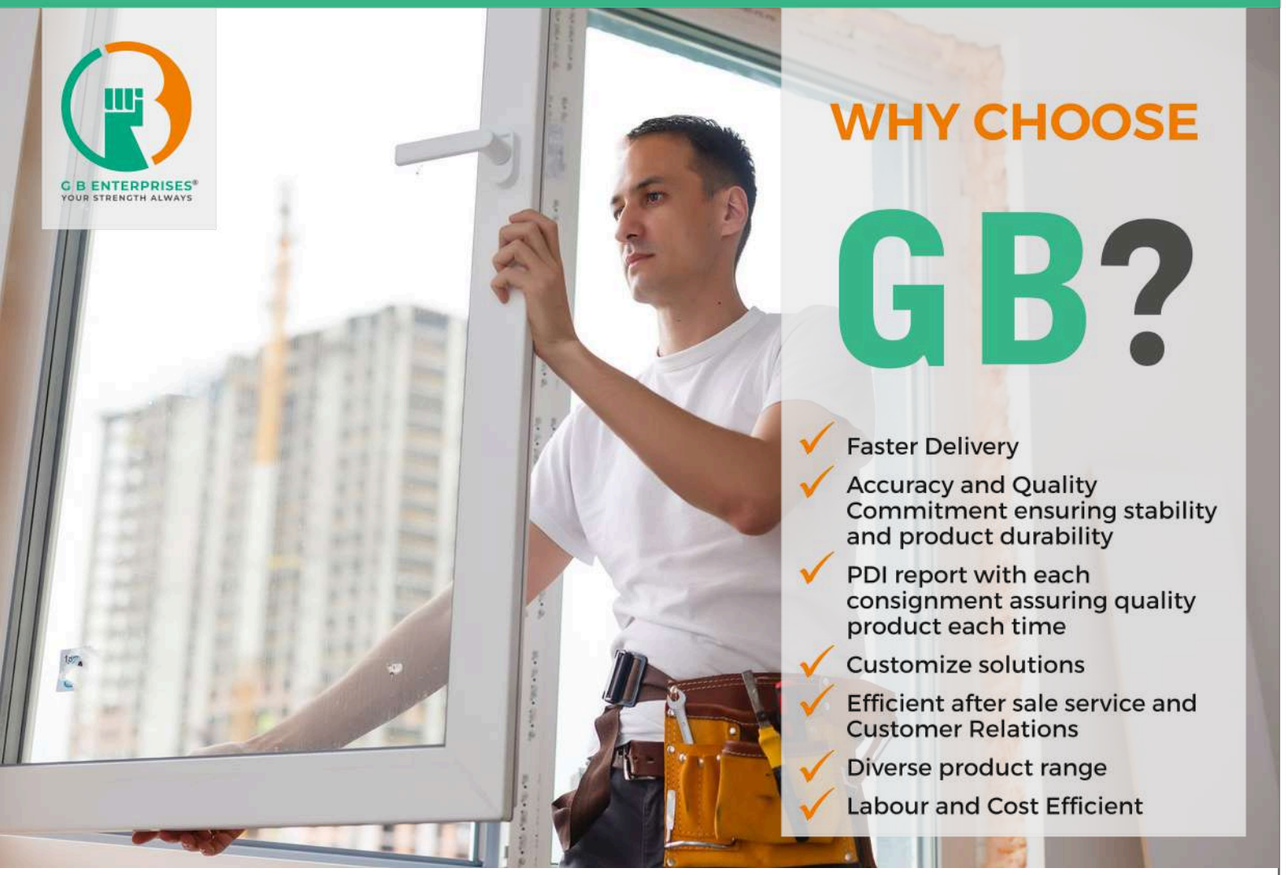
MISSION & VISION.

MISSION

- Convert clients' requirements into defined end products.
- Ensure timely delivery of products to the desired destination.
- Deliver the quality that people trust, focusing on societal and industry development.

VISION

GB Enterprises endeavors to not only give the best shape to metal but also form and shape relationships with our customers, suppliers, employees, government, and the general public. The organization’s market presence is spread all over India as well as in international markets. GB has a vision for a progressive future for all its collaborators.

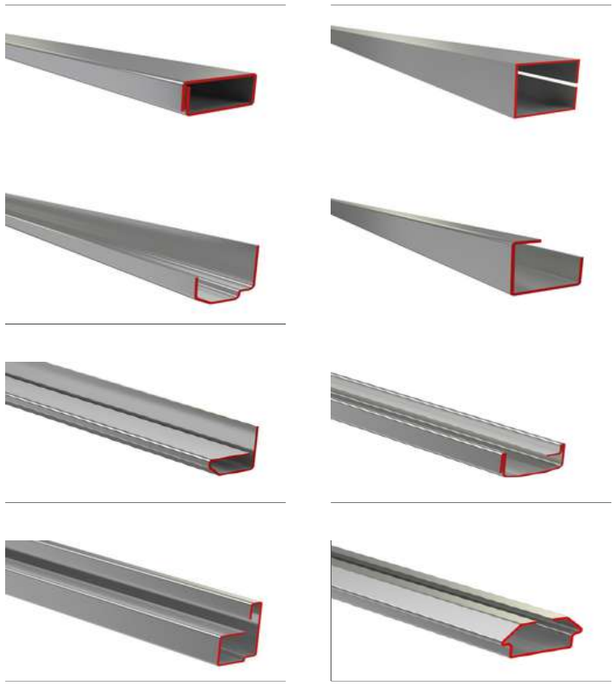


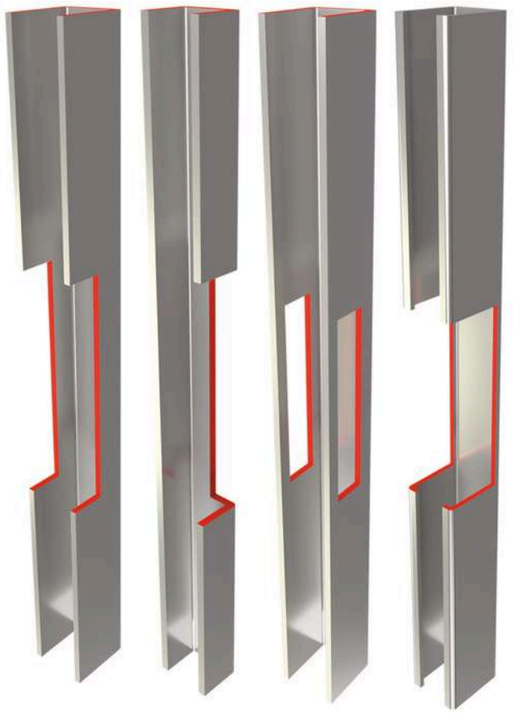
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WHY CHOOSE GB?

- Faster Delivery
- Accuracy and Quality Commitment ensuring stability and product durability
- PDI report with each consignment assuring quality product each time
- Customize solutions
- Efficient after sale service and Customer Relations
- Diverse product range
- Labour and Cost Efficient

UPVC STEEL REINFORCEMENT





IN HOUSE TESTING FACILITIES

DIGITAL UNIVERSAL TESTING MACHINE	GSM TESTING SETUP	ROCKWELL HARDNESS TESTING MACHINE	SALT SPRAY TESTING MACHINE	DIGITAL COATING THICKNESS METER



Fenesta Better by Design | VEKA | ENCRAFT ART OF PRECISION | DIMEX German uPVC Windows & Doors System | PlastOne uPVC windows and doors | ÖKOTECH Lead free uPVC profiles

SIMTA Astrix uPVC Window & Door Profiles | PSP Quality Speaks | In Exclusive Partnership With PROMINANCE UPVC WINDOW SYSTEMS | Duroplast ISO 9001:2008 Certified Company | aluplast | KÖMMERLING PREMIUM FENSTER

deceuninck | SALAMANDER WINDOW & DOOR SYSTEMS | LESSO Building a Better Life | Fenova uPVC Door & Window Systems WE DELIVER SUNSHINE | GEALAN INNOVATION MIT SYSTEM | YASHPOLY

Jinwin uPVC Profiles | KAKA uPVC Window Systems "Smart People, Smart Choice" | SCL | EUMAX UPVC WINDOWS FOR GENERATIONS | JPI WINDOORS | ZHONGCAI GROUP | LGu-PVC WINDOWS & DOORS

OUR CERTIFICATIONS & ASSOCIATIONS

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018 | ISO 50001:2018 | MSME Zed GOLD | CE Approved

Government Recognized Star Export House | UWDMA | MSME MICRO, SMALL & MEDIUM ENTERPRISES सूक्ष्म, लघु एवं मध्यम उद्यम | एन एस आई सी NSIC ISO 9001 : 2008 | CIMSME Chamber of Indian Micro Small & Medium Enterprises | उत्पादकता एवं सामाजिक न्याय PRODUCTIVITY WITH SOCIAL JUSTICE LABOUR DEPARTMENT HARYANA श्रम विभाग हरियाणा शान्ति, सामंजस्य एवं सुरक्षा PEACE, HARMONY AND SAFETY

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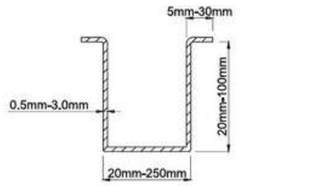
Factory:
G.B. ENTERPRISES PVT. LTD.
5 K.M. Milestone, Sampla Beri Road, Post Kultana, Ismaila 11B, Sampla, District Rohtak, Haryana 124517, India
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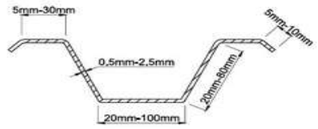


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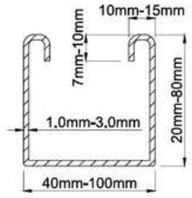
SOLAR STRUCTURE



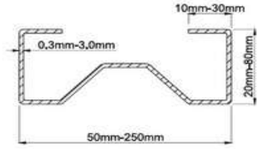




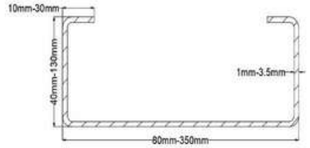
TOP HAT SECTION



STRUT SECTION



SIGMA SECTION



C LIP SECTION

ANTI-SKID SOLAR WALKWAY PLANK

Material Type	Galvanized, Galvalume, Hotdip 50-80microns
Length	2500mm – 3000mm
Height	30mm – 50mm
Lip	20mm – 25mm
Thickness	1.5mm – 2.0mm



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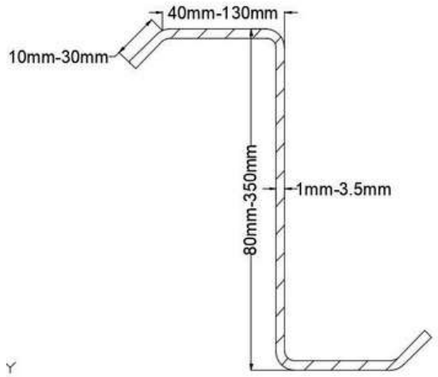
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PRE-ENGINEERING BUILDING - PURLINS

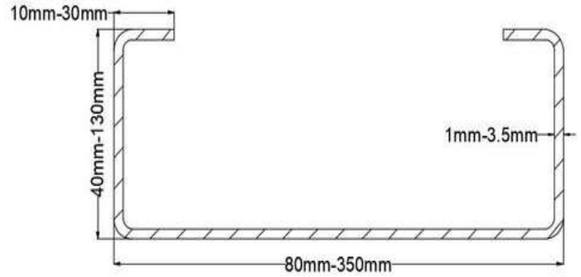
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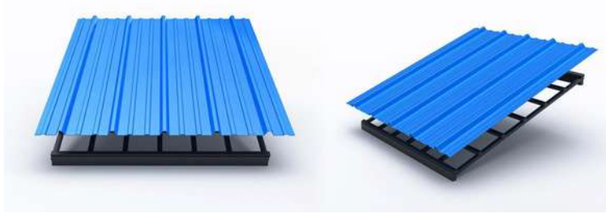


Z PURLIN

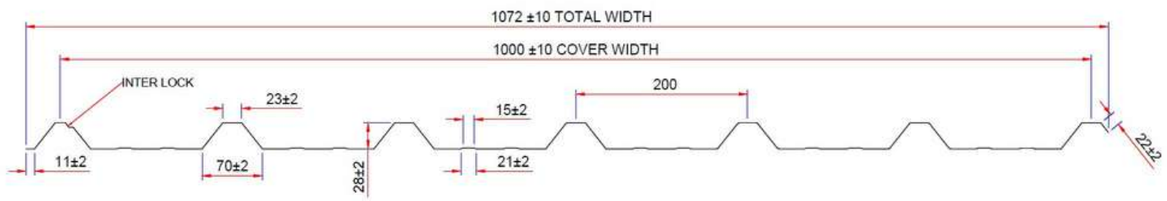


C PURLIN

ROOF SHEET



SPECIFICATIONS	
Type	Trapezodial Profile Double Ribbed
Overall Width	1220mm / 1440mm
Material Type	PPGI / PPGL
Length	As per requirement
Thickness Range	0.3mm – 0.6mm



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LADDER CABLE TRAY

SPECIFICATIONS	
Material	HR, HDG 50-80 microns
Length	2500mm – 3000mm
Width	100mm – 1200mm
Runner Height	50mm – 150mm
Runner Collar	20mm – 50mm
Rung Size	35x15mm, 35x30mm, 40x20mm, 50x20mm
Thickness	2.0mm – 3.0mm



COUPLER PLATE



HORIZONTAL BEND
90° | 60° | 45° | 30°



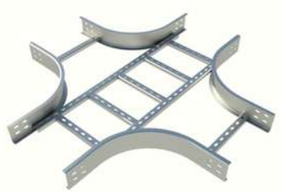
OUTWARD VERTICAL BEND
90° | 60° | 45° | 30°



INWARD VERTICAL BEND
90° | 60° | 45° | 30°



T BEND



CROSS BEND



REDUCER CENTER BEND

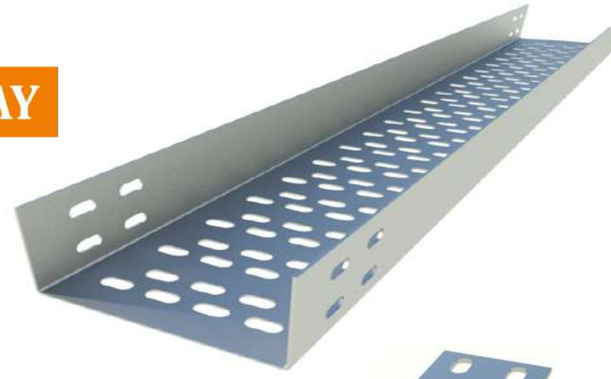


RIGHT REDUCER BEND



LEFT REDUCER BEND

PERFORATED CABLE TRAY



SPECIFICATIONS	
Material	HR, Galvanized, Galvalume, HDG 50-80 microns
Length	2500mm – 3000mm
Width	50mm – 800mm
Height	25mm – 100mm
Thickness	1.0mm – 3.0mm



COUPLER PLATE



HORIZONTAL BEND
90° | 60° | 45° | 30°



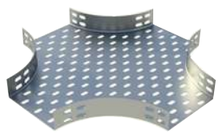
OUTWARD VERTICAL BEND
90° | 60° | 45° | 30°



INWARD VERTICAL BEND
90° | 60° | 45° | 30°



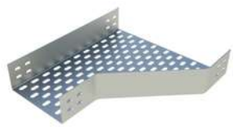
T BEND



CROSS BEND



REDUCER CENTER BEND



RIGHT REDUCER BEND



LEFT REDUCER BEND

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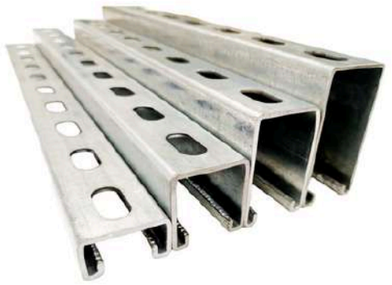
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MEP & UTILITIES

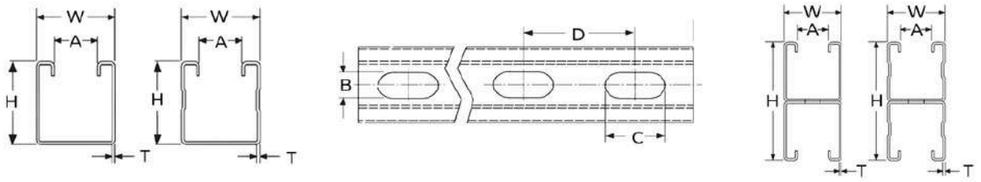
STRUT CHANNEL



SINGLE SLOTTED



BACK TO BACK SLOTTED



DIMENSIONAL DETAILS

Particulars	Height (H)		Width (W)		Thickness (T)		Gap Between Lips (A)		Slot Size (BxC)		Slot Distance (D)	
Unit	INCHES	MM	INCHES	MM	GUAGE	MM	INCHES	MM	INCHES	MM	INCHES	MM
Single Section	13/16"	21	1-5/8"	41	16 / 14 / 12	1.5 / 2.0 / 2.5	7/8"	22	9/16 x 1-1/8"	14 x 29	1-15/16"	50
	1-5/8"	41	1-5/8"	41	16 / 14 / 12	1.5 / 2.0 / 2.5	7/8"	22	9/16 x 1-1/8"	14 x 29	1-15/16"	50
	2-7/16"	62	1-5/8"	41	16 / 14 / 12	1.5 / 2.0 / 2.5	7/8"	22	9/16 x 1-1/8"	14 x 29	1-15/16"	50
	3-1/4"	82	1-5/8"	41	16 / 14 / 12	1.5 / 2.0 / 2.5	7/8"	22	9/16 x 1-1/8"	14 x 29	1-15/16"	50
Double Section	1-5/8"	42	1-5/8"	41	16 / 14 / 12	1.5 / 2.0 / 2.5	7/8"	22	9/16 x 1-1/8"	14 x 29	1-15/16"	50
	3-1/4"	82	1-5/8"	41	16 / 14 / 12	1.5 / 2.0 / 2.5	7/8"	22	9/16 x 1-1/8"	14 x 29	1-15/16"	50
	4-7/8"	124	1-5/8"	41	16 / 14 / 12	1.5 / 2.0 / 2.5	7/8"	22	9/16 x 1-1/8"	14 x 29	1-15/16"	50
	6-7/16"	164	1-5/8"	41	16 / 14 / 12	1.5 / 2.0 / 2.5	7/8"	22	9/16 x 1-1/8"	14 x 29	1-15/16"	50

MATERIAL TECHNICAL SPECIFICATION

Material Type	India (IS)	USA (ASTM)	Europe (EN)	UAE (Common Practice)	Yield Strength (YS)	Ultimate Tensile Strength (UTS)	Zinc Coating Type	Zinc Coating Class	Zinc Purity
Pre-Galvanized Steel	IS 277:2018 (Z120-Z275, GP250/GPL)	ASTM A653 (G40/G60/G90)	EN 10346 (Z120-Z275)	Follows ASTM A653 or EN 10346	250-310 MPa	350-400 MPa	Hot Dip Zinc (Continuous Line)	Z120-Z275 / G40-G90	99.50%
AZ150 Coated Steel	IS 15961 / IS 15965 (Al-Zn Coated)	ASTM A792 (AZ150)	EN 10346 (ZA150 or ZM120)	Follows ASTM A792 or EN 10346	550 MPa	Up to 770 MPa	Alu-Zinc (AZ150)	AZ150 (150 GSM both sides)	55% Al, 43.4% Zn, 1.6% Si
Hot Rolled Carbon Steel	IS 2062 (Grade A/B/C)	ASTM A36	EN 10025 (S235JR/S275JR)	ASTM A36 or EN 10025	250-310 MPa	350-400 MPa	Hot Dip Galvanized	60-90 Âµm avg.	99.50%
Hot Dip Galvanized Steel	IS 4759 / IS 2629	ASTM A123	EN ISO 1461	ASTM A123 or EN ISO 1461	250-310 MPa	350-400 MPa	Hot Dip Galvanized (Batch Process)	60-90 Âµm avg.	99.50%
Zinc-Magnesium Coated	IS 18513	ASTM A1046 (ZM Coated	EN 10346 (ZM120/ZM175)	Follows EN 10346 or ASTM A1046	250-550 MPa	370-600 MPa	Zinc-Magnesium-Aluminium Alloy	ZM70-ZM120 (10-20 µm)	Zn-Al-Mg Alloy Coating (93.5% Zn, 3.5% Al, 3%

BOX SECTION

Box Profile Size (mm)	Size (inches)	Thickness (mm)	Gauge (SWG)
32 × 32	1 ¼″ × 1 ¼″	2.6	12
40 × 40	1 ½″ × 1 ½″	2.3	13
60 × 60	2 ⅜″ × 2 ⅜″	3.2	10
72 × 72	2 ⅞″ × 2 ⅞″	3	11
91 × 91	3 ⅝″ × 3 ⅝″	3.6	9
91 × 91	3 ⅝″ × 3 ⅝″	4	8
100 × 100	4″ × 4″	4	8
100 × 100	4″ × 4″	5	7
113 × 113	4 ½″ × 4 ½″	5	7
113 × 113	4 ½″ × 4 ½″	6	6
132 × 132	5 3/16″ × 5 3/16″	5	7
132 × 132	5 3/16″ × 5 3/16″	6	6



CANTILEVER ARM



ACCESSORIES



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MODULAR CONTAINERISED SHELTERS / PORTA CABINS

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We are the Manufacturer of High Quality, Economical, Durable, Versatile and Eco- friendly Prefabricated Shelters, Containerized Shelters.We are a team of Innovative, dedicated, experienced & qualified personal's who work with a difference delivering the best. We work proactively towards building your dream project while maintaining right quality, quantity, your cost & time limitations effectively by studying & understanding your requirements clearly.

ADVANTAGES

- High Quality, Durable, Economical, Robust Construction
- Light Weight Shelters, Speedy Construction, Highly Insulated.
- All Weather Resistance. Designed For Earthquake, Wind & Snow Loads.
- Eco Friendly Construction. Termite, Water- & Fire-resistant Shelters.
- Custom Solutions, Long Life, Flexible, Versatile & Easily Re-locatable Shelters.
- Attractive Design, customized To Your Need With A Beautiful And Elegant Finish.
- Can Also Be Erected On Steel BasedFrameworks, With Floorboards, Steel Deck Etc. Based On Customer Requirements.

APPLICATIONS

- **Multi Storey Buildings**
- **Hangars**
- **Army Shelters**
- **Double Storey Buildings**
- **Hill Cottages**
- **Work Force Camps**
- **Refrigerated Vans**
- **Site OfficesCold Storage**
- **Vegetable Terminals**
- **Living Shelters**
- **Telecom Shelters**

CONTAINERIZED SHELTERS







EXPANDABLE SHELTERS









COLLAPSIBLE SHELTERS







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METAPRO™

CEILING SUSPENSION SYSTEMS

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T – Grid System

Tee Grid System is made from Hot dip galvanized & pre painted steel and This is the most convenient ceiling system in terms of installation, repair – maintenance.





Specialties for T-Grid System:

- Steel material is processed by pre painted hot dip galvanized
- Zinc Mass Coating is 120/180 gm/m2 to avoid the rusting of steel.
- The Material is processed with 20-micron polyester paint on steel.
- This is the most convenient ceiling system in terms of installation, repair
- Load bearing capacity when the span is 1.2 meter, supported with hanger wire from roof for type A is 12.05 kg/m2 and for type B is 8.45 kg/m2

We hereby take the privilege of introducing ourselves as a Pioneer Manufacturer of Silhouette grid in Northern & Eastern India.

	Type A (Standard) 24mm	Type B (Regular) 24mm & 24 Select	Slim Line 15mm & 15mm Select	Shilloutte
Main Runner	38x24x3600	33x24x3600	33x15x3600	33x15x3600
Cross Tee	28x24x1200	26x24x1200	26x15x1200	33x15x1200
Cross Tee	28x24x600	26x24x600	26x15x600	33x15x600
Wall Angle 0.4mm	24x24x3050	24x24x3050	15x15x3050	15x15x3050

Metal Tiles

Lay-In Plain/Perforated Tiles



Lay-in false Ceiling System with steel/aluminium tile 595 mm X 595 mm is manufactured out of 0.50 mm thick polyester coil coated galvanized steel 80/120/180 gsm zinc coating (As per IS:277)

Coil coated steel tile (PPGI) has 20-micron polyester coated finish and back coat of 5-micron alkyd primer

Aluminium powder coated 0.7mm with 60 microns polyester paint in AA5050, AA3105 or AA1050 aluminium alloy. These tiles can have square or beveled edges.

All tiles are available in 2.5mm 2.3mm and 1.8mm perforation patterns

Clip In Plain / Perforated Tile



Clip-in false ceiling system with steel tile (600 mm x 600 mm) is manufactured out of 0.50 mm coated galvanized steel (80/120/180 gsm) total zinc coating on both sides. These tiles can have square or beveled edges.

It is available in matt finish on the exposed side and a primer coating on the back. Optionally, they can be coil coated / powder Coated in different standard color shades. The Coil coated tile has 20-micron polyester coated finish and back coat of 5-micron alkyd primer. The rigid suspension system consists of rows of 0. 5 mm galvanized steel clip-in profiles of installed at 600 mm c/c spacing to support the tiles.

All tiles are available in 2.5mm 2.3mm and 1.8mm perforation patterns

Technical Characteristics / Properties of Metal Tile			
	PROPERTIES	LAY-IN TILES	CLIP-IN TILES
1.	METAL	STEEL / ALUMINIUM	STEEL / ALUMINIUM
2.	SURFACE	PLAIN / PERFORATED	PLAIN / PERFORATED
3.	COATING	PPGI COIL / POWDER-COATED	PPGI COIL / POWDER-COATED
4.	SIZE	595 x 595 mm	600 x 600 mm
5.	THICKNESS	STEEL (.5) & ALUMINIUM (.7)	STEEL (.5) & ALUMINIUM (.7)
6.	COLOURS	ON - DEMAND	ON - DEMAND
7.	ZINC-COATING	STEEL (80/120/180 GSM)	STEEL (80/120/180 GSM)
8.	GRID SYSTEM	EXPOSED - GRID - SYSTEM	CONCEALED- GRID - SYSTEM

BENEFITS

- Fast & time saving installations
- Demountable systems allow for quick access to large work areas above the ceiling for repair & maintenance purpose
- Modification can be easily done after installation
- Global compatibility and availability
- Cost control
- Much cleaner installation, as there is no use of water, paint, putty as in case of old conventional ceilings.

Baffle Ceiling



The Baffle Ceiling is curtain type decoration ceiling. Strong stereoscopic effect, the line of space is clean, new and unique with different colours. The style of decoration is clear, elegant, modern, and harmonious. Convenient to install and quick to remove.

Exhaust heat
Convenient for air flowage. It creates a comfortable interior space.

Beautiful Style
Elegant line makes the light even and gentle distribution.

Features of Baffle ceiling:



1. Shaped : Square / U-Shaped
2. Material : Grade aluminium alloy / GP
3. Installation System : Includes button type carrier system and hook-on type carrier system
4. Coating Types : Pre coated and powder coated
5. Dimensions : Width 50-75mm, Height 75-150mm
   All tiles are available in 2.5mm 2.3mm and 1.8mm perforation patterns

METAPRO offers highly light reflective ceilings which can be used to improve the overall room lighting, conserve energy, and thereby reduce energy costs. Our product ranges are developed for ease of maintenance resulting in minimum replacements.

OUR CERTIFICATIONS & ASSOCIATIONS

ISO 9001:2015 · ISO 14001:2015 · ISO 45001:2018 · ISO 50001:2018 · Zed Gold · CE Approved

Government Recognized Star Export House · UWDMA · MSME Micro, Small & Medium Enterprises · NSIC ISO 9001 : 2008 · CIMSME Chamber of Indian Micro Small & Medium Enterprises · Labour Department Haryana – Productivity with Social Justice, Peace, Harmony and Safety

G.B. ENTERPRISES® YOUR STRENGTH ALWAYS
METAPRO CEILING SUSPENSION SYSTEMS

Factory:
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Light Gauge Steel Frame (LGSF)

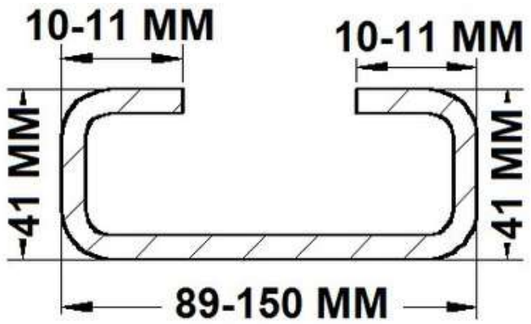
Build Something Creative Now!

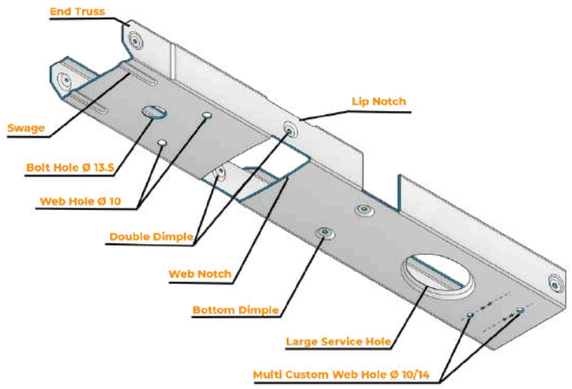
Build your creativity now with us.

LGSF (Light Gauge Steel Framing) is a construction technology that uses cold-formed steel sections as the primary structural components. These sections are made from thin sheets of galvanized steel, which are cold roll-formed.

Application

- Modular housing & prefab buildings (quick deployment structures)
- Industrial sheds & warehouses (strong yet lightweight structures)
- Commercial & residential projects (eco-friendly and durable buildings)





BENEFITS

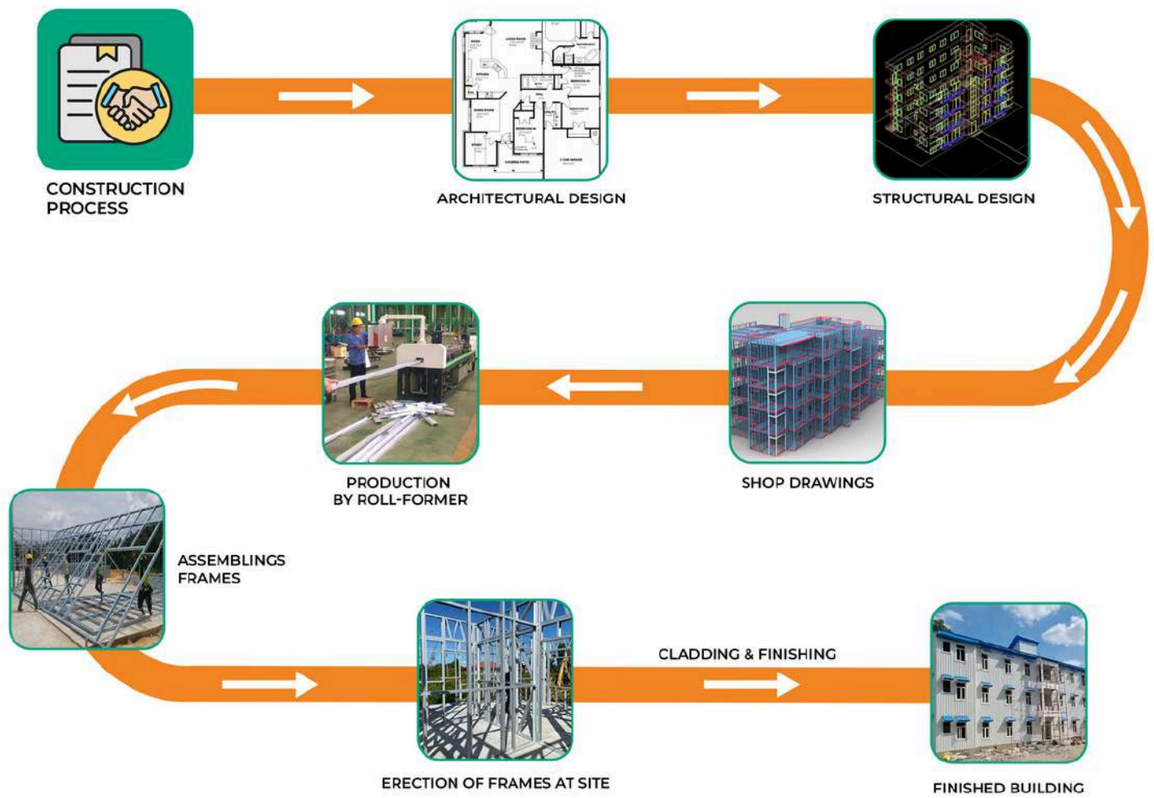
- Light Weight.
- Customized system
- Faster Construction
- Corrosion Resistance
- Higher Wind Resistance
- Better Thermal Insulation
- Higher seismic performance
- National Building Code Compliant
- Sustainability & Green Technology







CONSTRUCTION PROCESS



OUR CERTIFICATIONS & ASSOCIATIONS

ISO 9001:2015 · ISO 14001:2015 · ISO 45001:2018 · CIMSME Chamber of Indian Micro Small & Medium Enterprises · MSME सूक्ष्म, लघु एवं मध्यम उद्यम MICRO, SMALL & MEDIUM ENTERPRISES · NSIC ISO 9001 : 2008 · UWDMA · Zed Gold · CE Approved

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