

# GB ENTERPRISES

CRAFTING TRUST IN STEEL FOR OVER  
“TWO DECADES”



[www.gbroll.com](http://www.gbroll.com)

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

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# 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.





G.B. ENTERPRISES®  
YOUR STRENGTH ALWAYS

## 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

## IN HOUSE TESTING FACILITIES

DIGITAL UNIVERSAL  
TESTING MACHINE

GSM TESTING  
SETUP

ROCKWELL  
HARDNESS  
TESTING MACHINE

SALT SPRAY  
TESTING  
MACHINE

DIGITAL COATING  
THICKNESS METER

## PARTNERSHIP WITH PROFILE COMPANIES

**Fenesta**  
Better by Design



**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**  
Kunststoff-Fensterprofile

**KÖMMERLING**  
PREMIUM FENSTER

**deceuninck**

**SALAMANDER**  
WINDOW & DOOR SYSTEMS

**LESSO**  
Building a Better Life

**Fenova**  
uPVC Door & Window systems  
WE DELIVER SUNSHINE

**GEALAN**  
INNOVATION MET SYSTEM

**YASHPOLY**

**Jinwin**  
uPVC Profiles

**KAKA**  
uPVC Window Systems  
"Smart People, Smart Choice"

**SCL**

**EUMAX**  
uPVC WINDOWS FOR GENERATIONS

**JPI**  
WINDOWS

**ZHONGCAI**  
Group of Companies

**LGU-PVC**  
WINDOWS & DOORS

## OUR CERTIFICATIONS & ASSOCIATIONS

**ISO**  
9001:2015

Government Recognized  
Star Export House

**ISO**  
14001:2015

**UWDM**  
uPVC Window & Door Manufacturers Association

**ISO**  
45001:2018

**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सहज, सपु एवं मजबूत उद्योग

**ISO**  
50001:2018

**एन एस आई सी**  
**NSIC**  
ISO 9001 : 2008

**Zed**  
GOLD

**CIMSME**  
Indian Micro Small & Medium Enterprises

**CE**  
Approved

उत्पादकता एवं सामाजिक न्याय  
PRODUCTIVITY WITH SOCIAL JUSTICE  
LABOUR DEPARTMENT HARYANA  
कर्म विभाग हरियाणा  
आशान, सामंजस्य एवं सुरक्षा  
PEACE, HARMONY AND SAFETY



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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info@gbroll.com

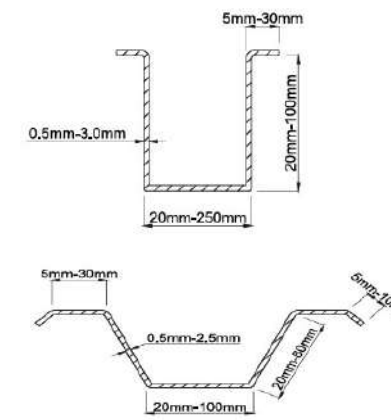
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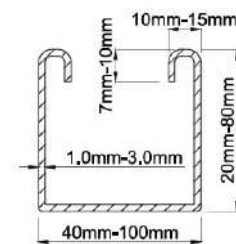
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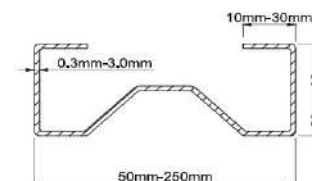
# SOLAR STRUCTURE



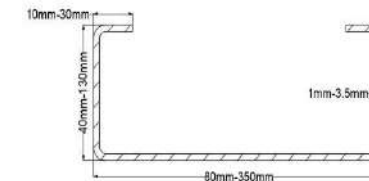
TOP HAT SECTION



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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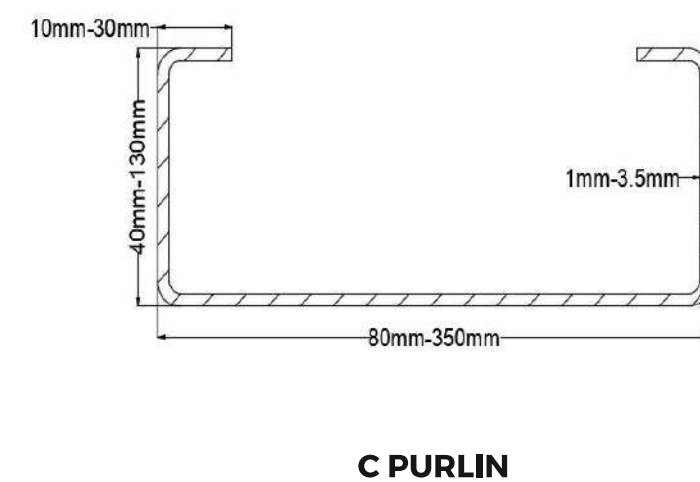
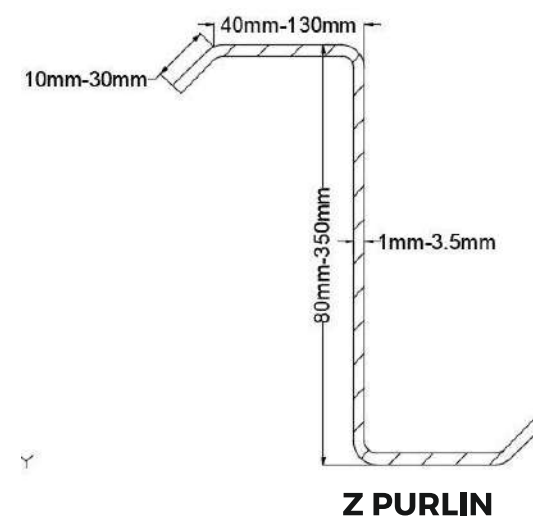
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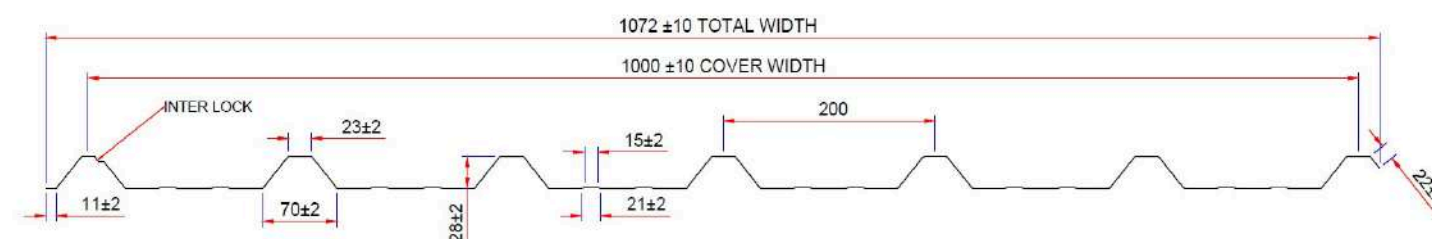
## PRE-ENGINEERING BUILDING - PURLINS



## ROOF SHEET



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





## LADDER CABLE TRAY

### SPECIFICATIONS

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



COUPLER PLATE



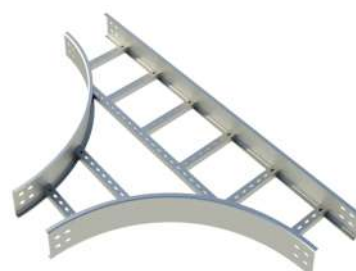
HORIZONTAL BEND  
90° | 60° | 45° | 30°



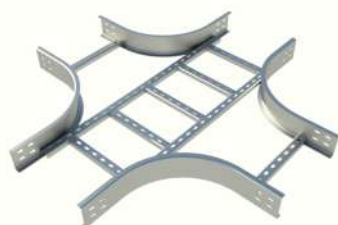
OUTWARD VERTICAL BEND  
90° | 60° | 45° | 30°



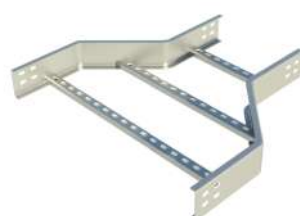
INWARD VERTICAL BEND  
90° | 60° | 45° | 30°



T BEND



CROSS BEND



REDUCER CENTER  
BEND



RIGHT REDUCER  
BEND

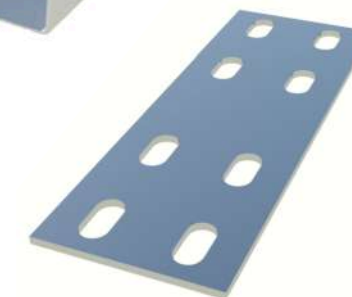
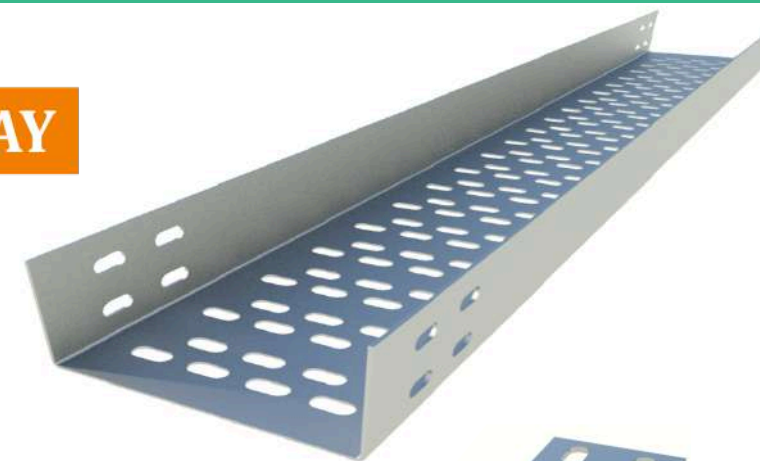


LEFT REDUCER  
BEND

## PERFORATED CABLE TRAY

### SPECIFICATIONS

<b>Material</b>	HR, Galvanized, Galvalume, HDG 50-80 microns
<b>Length</b>	2500mm - 3000mm
<b>Width</b>	50mm - 800mm
<b>Height</b>	25mm - 100mm
<b>Thickness</b>	1.0mm - 3.0mm



COUPLER PLATE



HORIZONTAL BEND  
90° | 60° | 45° | 30°



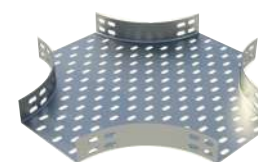
OUTWARD VERTICAL BEND  
90° | 60° | 45° | 30°



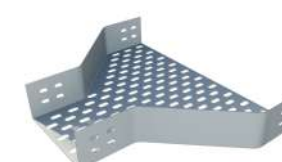
INWARD VERTICAL BEND  
90° | 60° | 45° | 30°



T BEND



CROSS BEND



REDUCER CENTER  
BEND



RIGHT REDUCER  
BEND



LEFT REDUCER  
BEND

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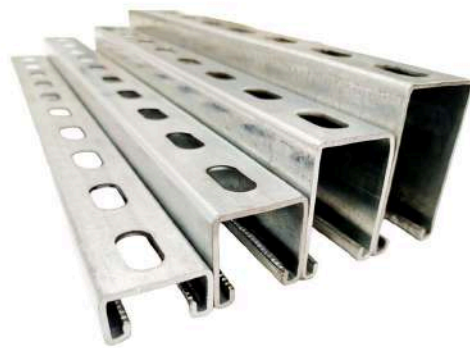
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# MEP & UTILITIES

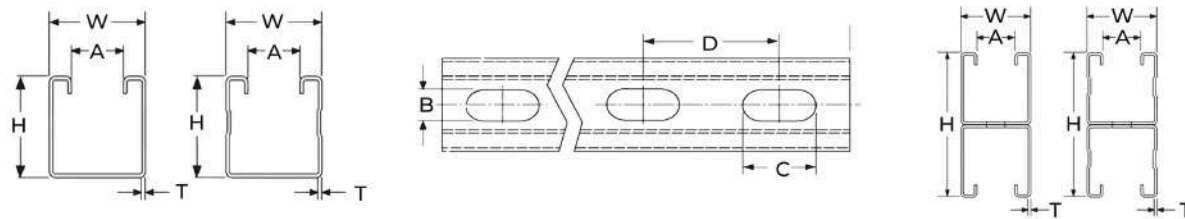
## STRUT CHANNEL



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	GAUGE	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 Åµm 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 Åµm 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%

## CANTILEVER ARM



## ACCESSORIES



### OUR CERTIFICATIONS & ASSOCIATIONS



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## MODULAR CONTAINERISED SHELTERS / PORTA CABINS



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 Based Frameworks, 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 Offices Cold Storage
- ▶ Vegetable Terminals
- ▶ Living Shelters
- ▶ Telecom Shelters

## CONTAINERIZED SHELTERS



## EXPANDABLE SHELTERS



## COLLAPSIBLE SHELTERS



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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/m<sup>2</sup> 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/m<sup>2</sup> and for type B is 8.45 kg/m<sup>2</sup>



**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
<b>Main Runner</b>	38x24x3600	33x24x3600	33x15x3600	33x15x3600
<b>Cross Tee</b>	28x24x1200	26x24x1200	26x15x1200	33x15x1200
<b>Cross Tee</b>	28x24x600	26x24x600	26x15x600	33x15x600
<b>Wall Angle 0.4mm</b>	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.

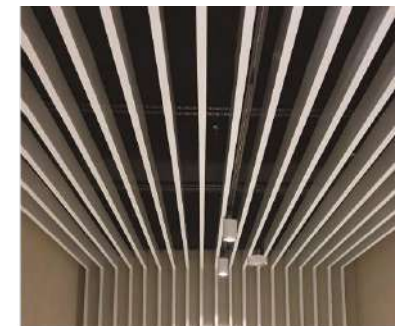
### Beautiful Style

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.**

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## Light Gauge Steel Frame (LGSF)

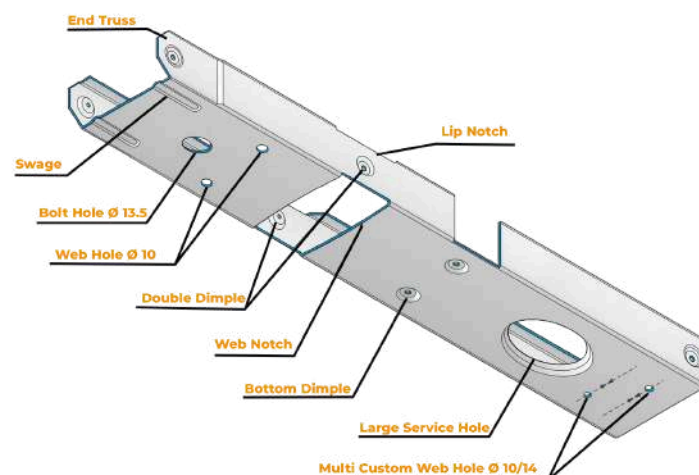
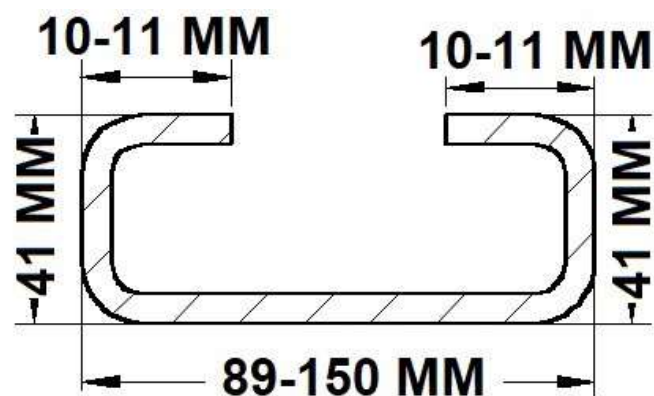
# Build Something Creative Now!

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)

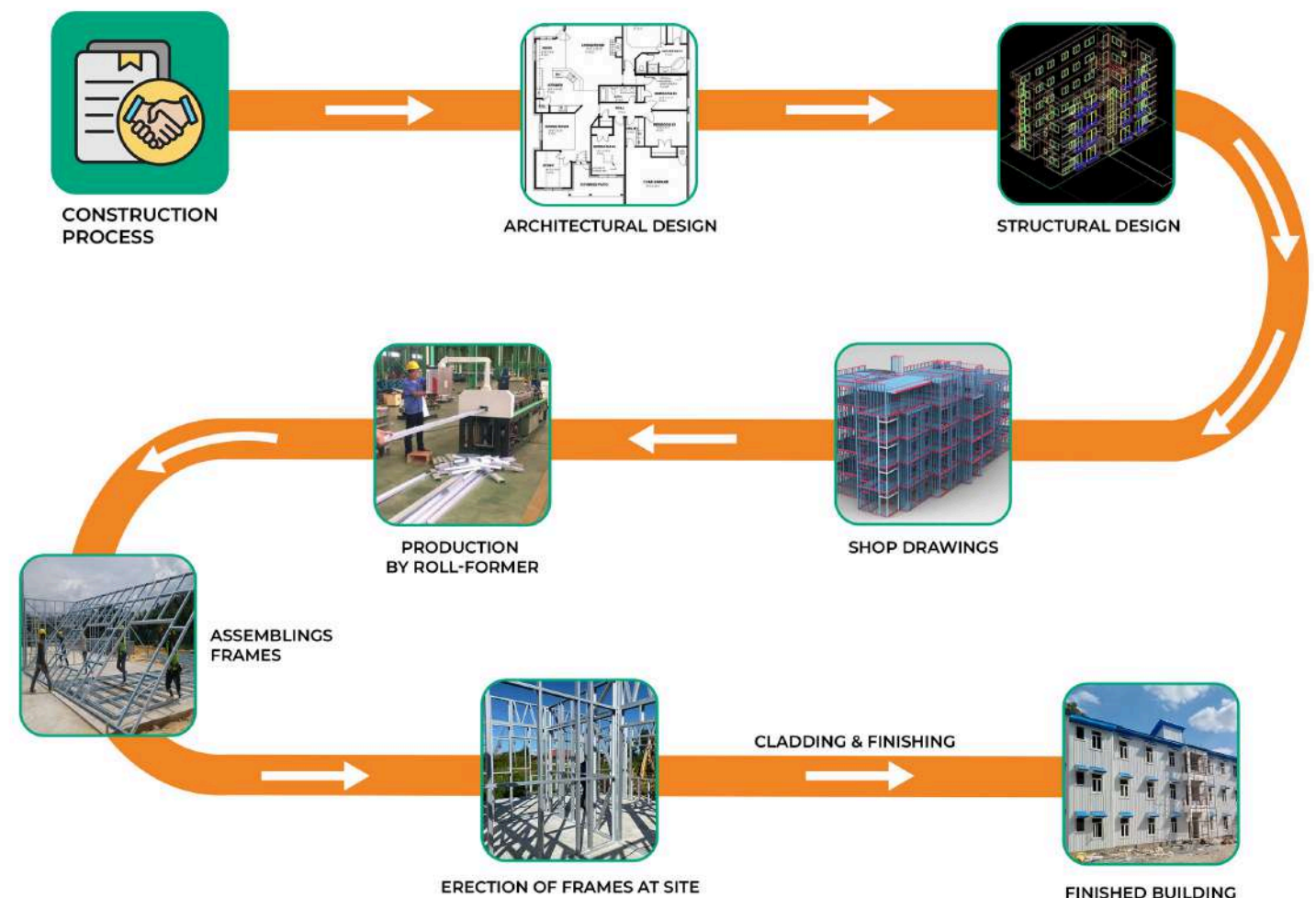


## BENEFITS

- 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

