



catalogue
BUDHIA
STEEL

Manufacturer & Exporter
of steel products

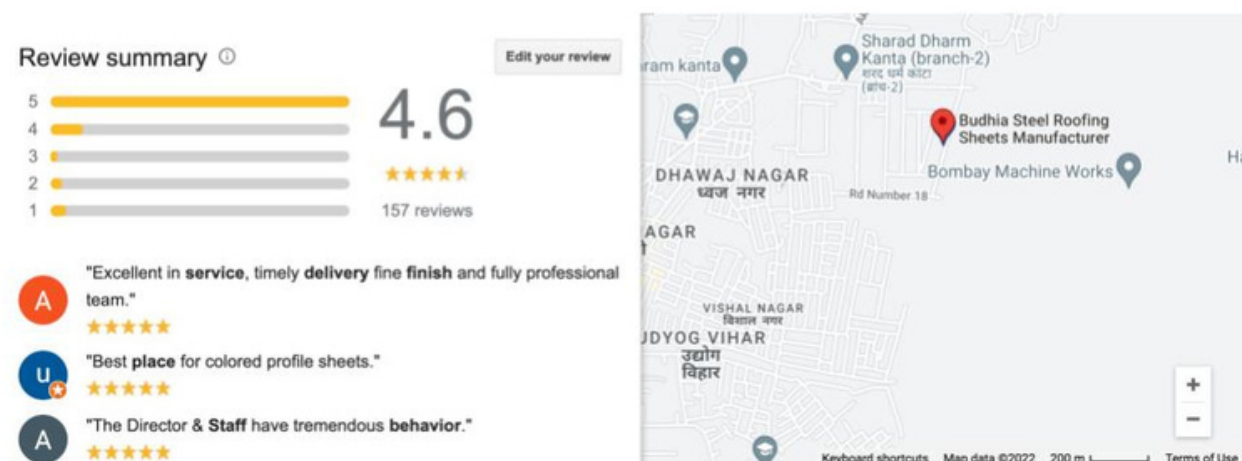


introduction

Know us- who we are

- A Steel Roofing Expert Company
- Since last 12 years, We have been working as a consultant cum vendor to our clients.
- We have a YouTube Channel which talks about different products in warehouse Industry.
- Our Budhia family has a legacy of more than 40 years in Steel Industry.
- We started Budhia Steel in 2012.
- We work as an Expert in Iron and Steel Industry.
- We are the no. 1 supplier for industrial roofing products for projects in Rajasthan.
- We have more than 7000 happy and satisfied clients all over India.
- We have done business with more than 20 different lines of business.
- We are the only group company in Rajasthan which is authorized dealers/ distributors for TATA STEEL, JSW, AMNS, and TATA BLUESCOPE.

What do our customers say about us ?



introduction

What do our customers say about us ?

Budhia Steel Roofing Sheets Manufacturer

97-98, Akera Dunger, Rd Number 18, Vishwakarma Industrial Area, Jaipur, Rajasthan

[Get more review](#)

4.6 ★★★★★ 157 reviews ⓘ



pooja soni

1 review

★★★★★ 2 months ago

Budhia steel is a complete PEB solution. its one of the largest manufacturer & Supplier of the area. I went to purchase roofing materials from there. Am very happy with the dealings. They prepare a proper Performa invoice and help me to understand the material quality. They are offering any size of the roofing sheets . Because they have the facilities to cut. They are providing vehicle service too

Work with vijay's team was an awesome experience i must say he designed my building as beyond my expectations.



NEERAJ SHARMA
N B WORKS

No Hassle no problem, ease in construction with timely updates highly recommended BUDHIA STEEL Team.



SHUBHAM GUPTA
DIVI READY INTERIORS

An organization committed to quality delivery of steel roofing n PEB buildings. Amazing experience with such a awesome team



AMIT SAWARKAR
ISHI ALLOYS

SOME OF OUR ESTEEMED CLIENTS



GRAVITA
INDIA LIMITED



SANKALP INTERNATIONAL



Rajasthan Ispat Udyog
Spreading Strength... Creating Trust

Bright Metals
1968

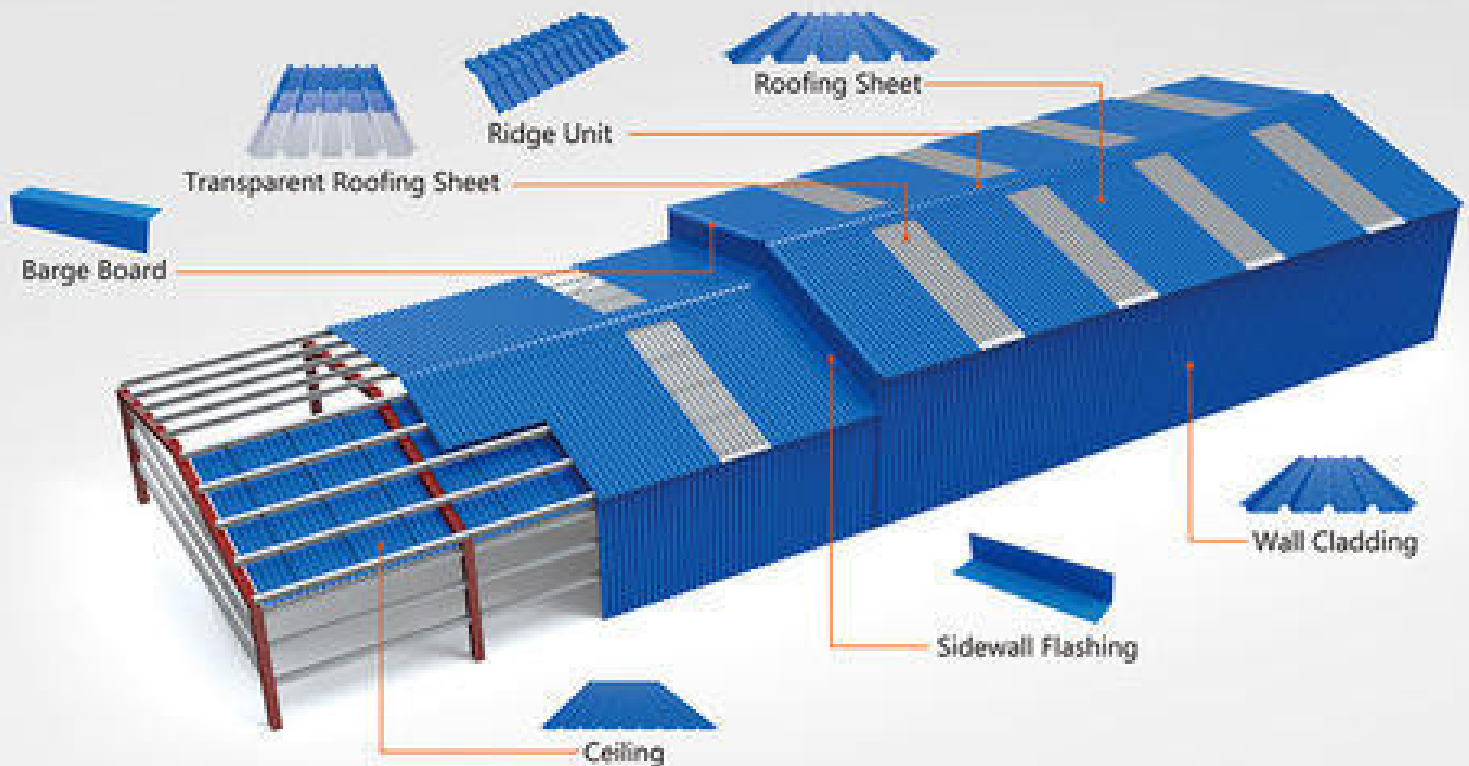


HAJEE A.P. BAVA & CO.
CONSTRUCTIONS PVT. LTD.
(AN QMS ISO 9001: 2008 CERTIFIED COMPANY)

BUDHIA STEEL

HISTORY : Budhia Steel has been serving in the Steel industry for past 11 years. Now with our valuable experience of serving the best to our customers of the industry for many years in year 2021 we opened a new vertical dealing in solar energy, name sunveer solar. Our product categories are as follows:

PRODUCT CATEGORY

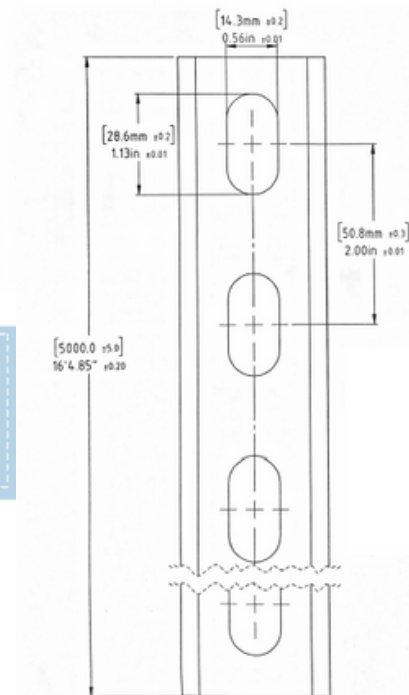
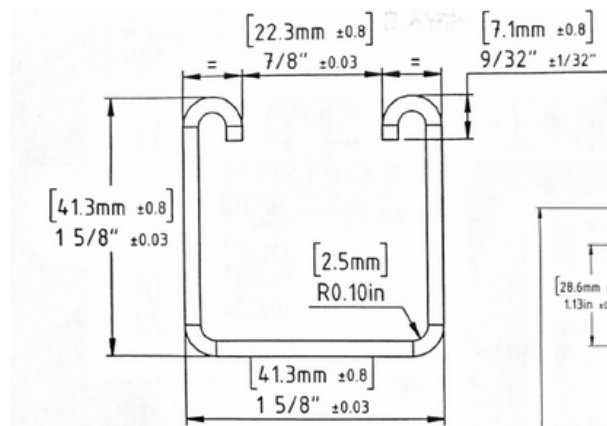




STRUT CHANNEL

STRUT CHANNEL USES & BENEFITS

- **Versatility**
- **Strength**
- **Easy installation**
- **Flexibility**
- **Cost-effective**
- **Corrosion resistance**
- **Electrical grounding**



MODULE MOUNTING STRUCTURE | SOLAR STRUCTURE SYSTEM
PIPE AND HUNGER SUPPORT | CABLE SUPPORT SYSTEM

- Size : 41 x 41 mm | 1-5/8" x 1-5/8 " inch
 41 x 21 mm | 1-5/8" x 13/16" inch
- Material : Mild Steel SH41 Grade
 Pre - Galvanized Finish Steel (120 GSM)
 Hot Dip Galvanized Processed Steel
- Gauge : 1.6 to 2.5 mm | 10 -16 gauge
- Slot Type : Solid / Slotted
- Hole Size : 14 x 28 mm | 9/16" X 1-1/8"
 50 mm / 2" inch (Centre to centre hole space)
- Length : 1 meter to 12 meter | 5 ft. to 39 ft. (Can do customized lengths)
- Specification : Base Metal - Steel confirming to IS 5986 or IS 2062
- Finish Available : Powder coating, Zinc Coating (HDG 65 -75 Micron)

FAST PRODUCTION, EXPRESS DELIVERY

CABLE TRAY



PRODUCT DETAILS:

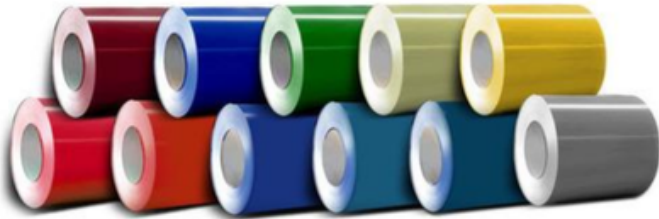
- Strength Light, Medium & Heavy Duty
- Raw Material Mild Steel / Aluminum/ Stainless Steels/ Galvanized Sheet.
- Width From 50 Mm To 1200 Mm
- Height From 40 Mm To 150 Mm
- Thickness From 1.2 Mm To 3 Mm
- Length From 2500mm To 3000mm
- Finish Self-Finish, Pre-Galvanized, Hot Dip Galvanized Painted/Epoxy Coated/Anodized/ Powder Coated/Electro
- Accessories Vertical Elbows, Horizontal Bends, Adjustable Bends, Crosses, Tees And Reducers, Coupler Plates Etc.

A cable tray is a system used to support, organize, and protect cables and wires in commercial, industrial, and other facilities, Some benefits are :

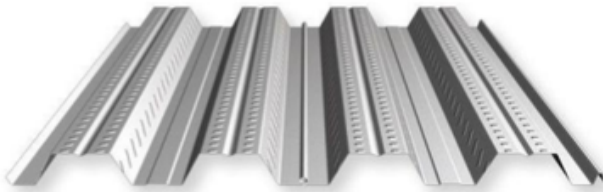
- Cable trays are used to route power and communication cables in buildings and industrial plants.
- They are used to organize cables and keep them off the floor or ground, preventing damage, and reducing the risk of tripping hazards.
- Cable trays are used to provide a continuous support system for cables, which helps to prevent sagging, bending, or other forms of damage that may occur when cables are unsupported.
- They can also be used to facilitate maintenance and repairs by providing easy access to cables.

PEB PRODUCTS

We provide complete Pre-Engineered Building Solutions. We also supply Roofing and Wall Cladding Sheets, Purlins, Louvers, Roof Ventilators, Gutter, Flashing, Trims, Polycarbonate Sheets etc. Our products are made from quality material from reputed brands like Tata Bluescope, JSW Steel, Uttam Galva, etc.



COLOR COATED COILS



DECKING SHEET



LINER PROFILE SHEET



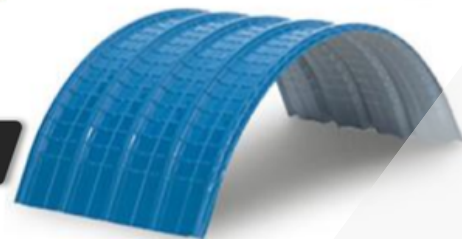
COLOR COATED CLADDING SHEET



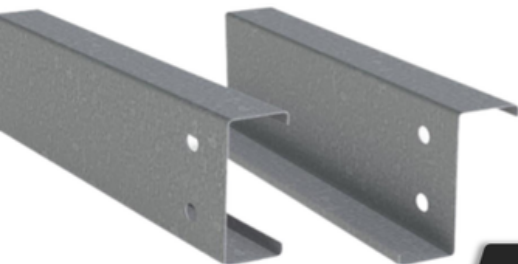
TILE SHEET



CURVING SHEET



C & Z PURLIN



COLOR COATED PROFILE SHEET



- Material: PPGI/ PPGL/ GL
- Thickness: 0.30 mm - 0.80 mm
- Grade: RMP/ SMP/ SDP
- Width: 1090/ 1220/ 1270
- Yield Strength: 240 - 700 Mpa
- Profile Design: 5/ 6/ 7 Crest Design
- Coating: AZ-70 - 275 / Z-80 - 275
- Make: JSW/ TATA/ BHUSHAN/ ESSAR/ ANY BRAND

1.1 APPLICATIONS IN STEEL BUILDINGS (PEB DIVISION)



• Industrial warehouses



• Factory Shed



• Green houses



Community halls and canopy



• Storage Centre



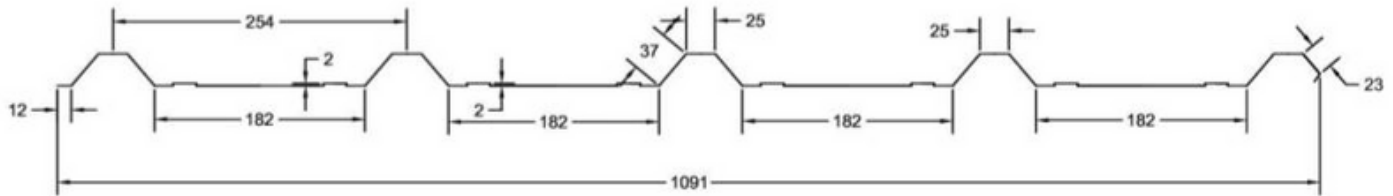
• Railway Bridge



• Car Parking Area

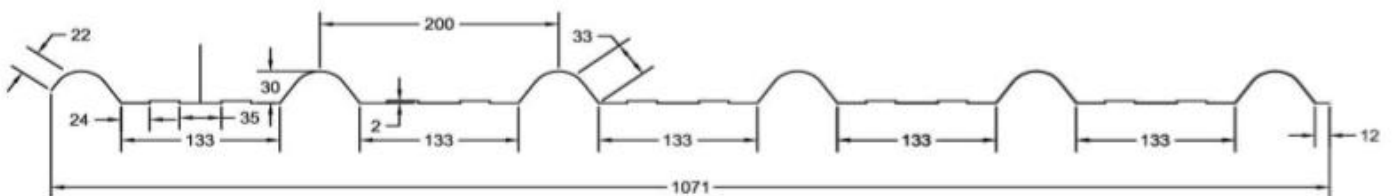
5 NALI

PROFILE SHEET



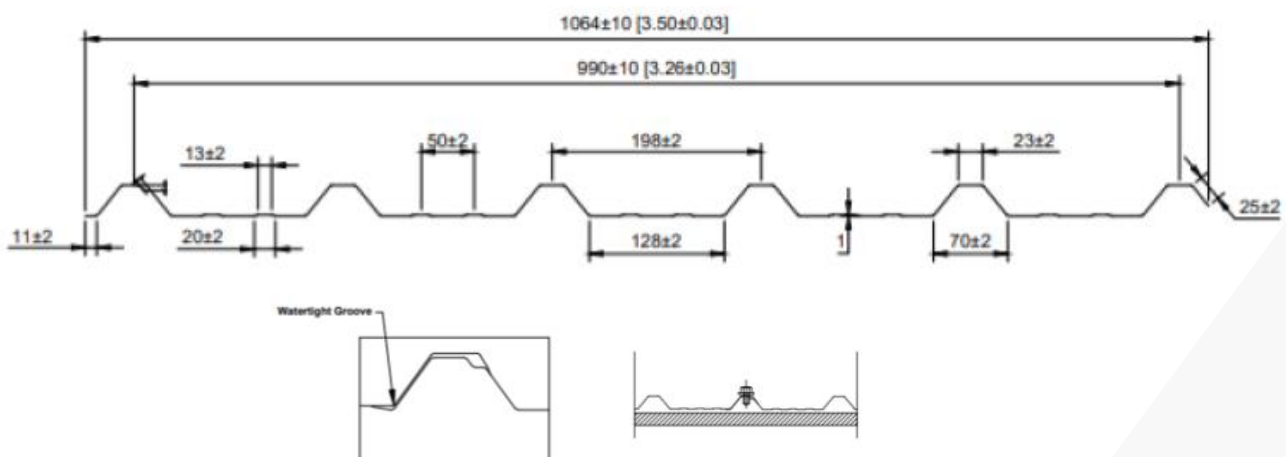
6 NALI A

PROFILE SHEET



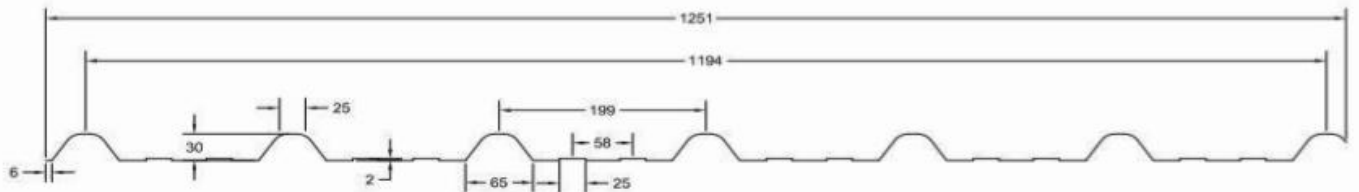
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PROFILE SHEET



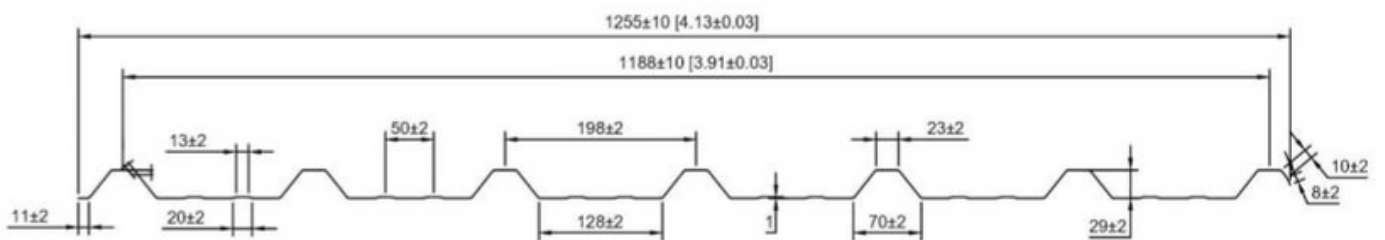
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PROFILE SHEET



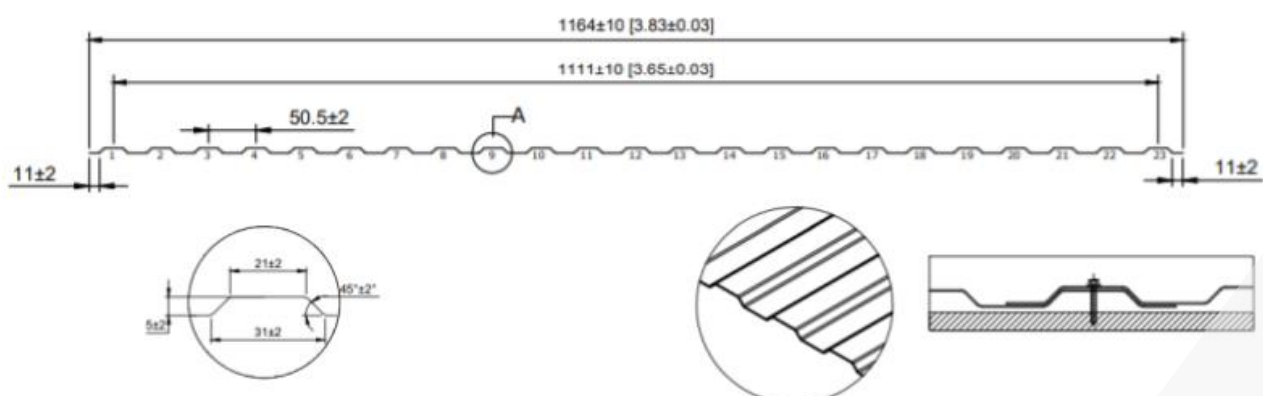
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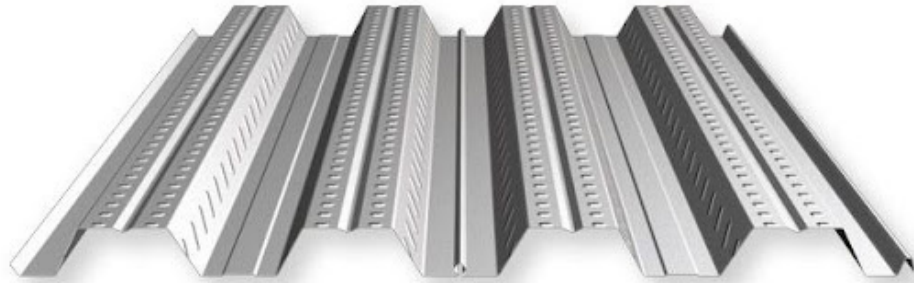


LINER

PROFILE SHEET



MEZZANINE FLOOR DECKING SHEET

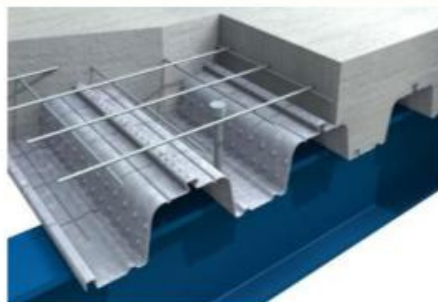


- Material: GI/ GL/ HR
- Thickness: 0.60-1.5 mm
- Width : 1220/ 1250
- Pitch: 231 mm
- Effective width: 920 mm
- Crest Height: 51 mm
- Yield Strength: 240-550 Mpa
- Coating : Z-80/ Z-90/ Z-120/ Z-150/ Z-275
- Make: JSW/ TATA/ BHUSHAN/ ESSAR/ ANY BRAND

1.2 MEZZANINE FLOOR DECKING SHEET (PEB DIVISION)



• DECKING SHEET



• DECKING CONCRETE LAYER



• SETTLING CONCRETE LAYER



• MULTILAYER STORAGE BUILDING



• MULTILAYER COMMERCIAL BUILDING



• FINAL VIEW OF MEZZANINE FLOOR DECKING SHEET

MEZZANINE FLOOR DECKING SHEET



Allowable Load In Kg/ Sq.Mtr.

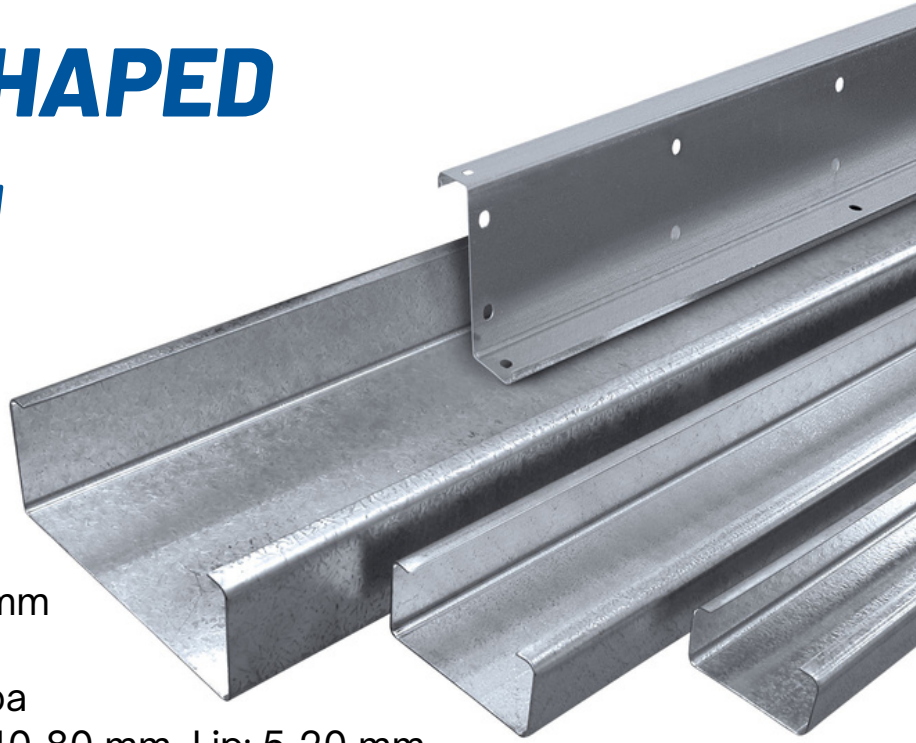
Thickness	Maximum Permissible Span in Mtrs.				
MM	1.00Mtrs	1.20Mtrs.	1.40Mtrs	1.60Mtrs	1.80Mtrs
0.80	3060	2126	1561	1195	944
1.00	3825	2658	1952	1495	1181
1.20	4590	3190	2343	1795	1418
1.6	6120	4253	3124	2392	1890

Note- This is an estimated load data sheet, depending on specific building design. please get the load data check from your engineer only.

Design Considerations :

- Adhesion, fixing or ballasting are notable design factors for long lasting capability
- Materials chosen are fire proof
- Well designed to bear extra loads
- Designed to provide better insulation
- Designed meticulously in conjugation with the aesthetic importance
- Condensation risk is also the designing factor
- Able to fulfill the acoustic requirements
- Whole design is compact and light in weight

C, U AND Z SHAPED PURLIN



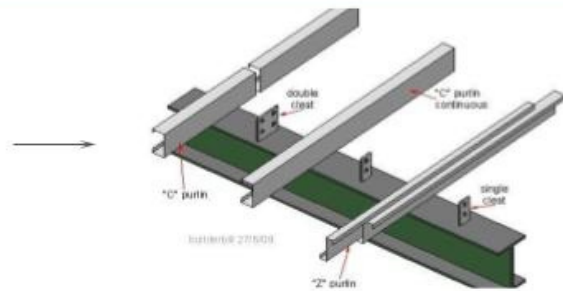
- Material: GI/ GL/ HR
- Type : C - U Purlin, Z Purlin
- Thickness: 0.80 mm - 3.15 mm
- Coating : Z-80 - 275
- Yield Strength: 240-450 Mpa
- Web: 80-300 mm, Flange: 40-80 mm, Lip: 5-20 mm
- Make: JSW/ TATA/ BHUSHAN/ ESSAR/ ANY BRAND

Features: Optimum quality, Easy installation, High tensile strength, Abrasion & corrosion resistance

1.3 C AND Z SHAPED SECTION CHANNELS (PEB)



• C & Z SECTION PURLIN



• STEEL STRUCTURE OF PURLIN



• STEEL STRUCTURE OF PURLIN



• PURLIN STRUCTURE



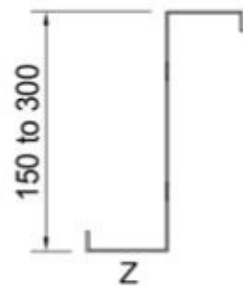
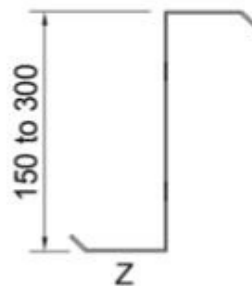
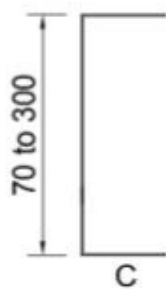
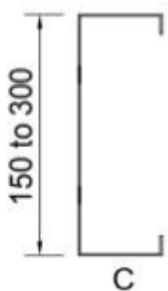
• PURLIN IN INDUSTRIAL BUILDING



• FINAL VIEW OF INDUSTRIAL WAREHOUSE

C AND Z SHAPED PURLIN PROFILE

Purlin C Section Drawing



Purlin Z Section Drawing

Purlins can be made more efficient in steel structure buildings:

- **Material selection:** Choosing the right material for the purlins can make them more efficient. High-strength steel or composite materials can be used to increase the strength and durability of the purlins while reducing their weight.
- **Design optimization:** Purlin design can be optimized to reduce material usage while maintaining the necessary strength and stiffness. This can be achieved through computer modeling and analysis, which can identify the optimal size, shape, and spacing of the purlins.
- **Proper installation:** Proper installation of purlins is critical to their efficiency. The purlins must be installed correctly and securely to ensure they can withstand the loads they will be subjected to.
- **Maintenance:** Regular maintenance of the purlins is necessary to ensure their long-term efficiency. This includes inspecting them for damage, corrosion, or deformation and repairing or replacing them as necessary.
- **Energy efficiency:** Purlins can also contribute to the energy efficiency of the building by providing support for roof insulation or solar panels. This can reduce energy consumption and costs.

**"LET'S START A CONVERSATION -
WE'RE ALWAYS
EXCITED TO HEAR
FROM YOU!"**



CONTACT US

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