



One Roof All Solution



20 Years **Legacy**

PARTHCON ENGGINFRA PVT. LTD.

+91 8010081689

parthinfraeng@gmail.com

www.parthcon.com

About Us

PARTHCON is an organization set up by a group of young professionals with focus on developing and marketing world class Products For the Building & Roofing Industry in India with initial thrust on Trapezoidal Profile Sheet, Self Supported Roofing System, Clip Lock, Standing Seam Metal Roof,C & Z Purlins, Pre Engineered Building System, Insulation Products, Ridge Ventilators, Turbo Ventilators, Polycarbonate Sheets, Container Office, Industrial Louvers and all type of Roofing Accessories.



Our Products & Services :

- **Manufacturer PEB Turnkey Solution**
- **Roofing Solution**
- **GI Z/CEE Purlin Hat Section**
- **Poly Carbonate Sheets**
- **Turbo Air Ventilators & Ridgevent**
- **Water Proofing**
- **Epoxy Flooring**
- **Decorative Poles**
- **Industrial Painting Services**



SAFETY POLICY

PARTHCON are committed to provide Safe and healthy working environment to all employees and Customers as Integral Parts of Business.

Our Aim is Zero Harm

- ◆ To ensure safety and health of our employees by creating awareness among them.
- ◆ To provide them with necessary training to achieve our safety goals.
- ◆ To minimize accident by eliminating all unsafe acts and unsafe conditions.
- ◆ To minimize risk of person and material by adopting safe methods.
- ◆ To comply with all safety rules and regulations.
- ◆ To minimize air, water, and noise pollution by using environment friendly equipments.
- ◆ To give top priority to safety, quality during production and execution



QUALITY POLICY

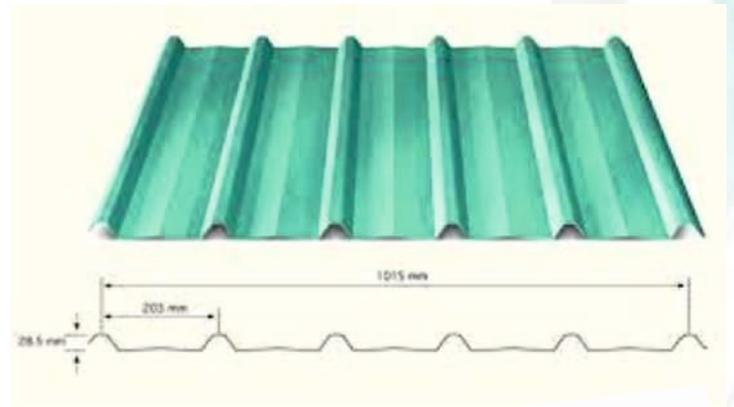
We Strive to be the premier engineering solution partner committed to delivery complex projects from vision to reality. We are honoured and privileged to work with our clients & commit to meet their expectation we listen to their feedback & respond to the best of technical & Managerial abilities without ever compromising quality health & safety. We promote a "Right first time" mind set and continually develop our staff & their capabilities.

Roofing Sheet & Type of Roofing

Technical Details	Pre Painted Galvanized Sheet	Pre Painted Galvalume Sheet	Bare Galvalume Sheet
Thickness (TCT)	0.30 mm to 1.00 mm	0.30 mm to 1.00 mm	0.47 mm to 0.6 mm
Metalic Coating	Z80-120 Gsm	AZ-70 & 150 Gsm,	AZ-70 & 150 Gsm,
Tensile Strength	240 Mpa to 550 Mpa	340 Mpa to 550 Mpa	340 Mpa to 550 Mpa
Paint Coating	RMP/SMP/PVDF	RMP/SMP/PVDF/SDP	Zinc Alluminum
Paint Thickness	18-22 Micron on Top & 5-8 micron primer on Top and Bottom	18-22 Micron on Top & 5-8 micron primer on Top and Bottom	Nill
Thickness Tolerance	As per IS, ASTM	As per IS, ASTM	As per IS, ASTM
Standard Followed	IS 277,ASTM A653 AS 1397 JISG 3312	ASTM A792,A 792,M 1397,A 755	ASTM A792,A 792,M 1397,A 755
Chemical Composition	Zn Alloy Both Side	52-55% Al, 42-44% Zn alloy with 1.5-1.6% S	52-55% Al, 42-44% Zn alloy with 1.5-1.6% S

Profile Details

Coil Input Width	1220 mm
Supply Width	1050 mm — 1100 mm
Effective Width	960 mm — 1060 mm
Crest Height	10 mm — 35mm
Pitch	106 mm — 252 mm
Crest Width	10 mm—45 mm
Rib Height	1 mm — 2 mm
Rib Width	9 mm — 25 mm
SheetLength	upto 12500 mm
No of Crest	4 - 10
No of Ribs	



Roofing Accessories

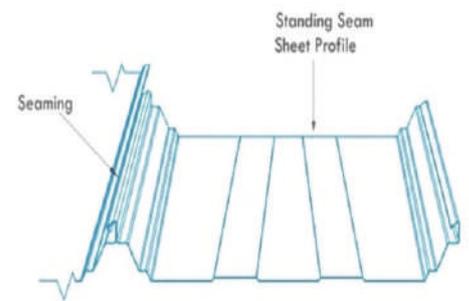


Standing Seam Metal Roof / Cliplock / Self Supported Roof

Parthcon offers innovative and technologically advanced standing seam system that creates a continuous weather tight roof. **Parthcon** (Standing Seam Sheets) is offering outstanding design potentiality; performance and durability making our Standing Seam Roofs look great aesthetically along with offering security and weatherproofing solutions. Due to concealed fitting the risk of leakage is reduced. Our sheets are manufactured using supreme quality material paired with contemporary techniques following the industry norms making us one of the most trusted Standing Roof Sheets Manufacturers in India. When installed correctly a typical Standing Seam Metal Roof will last anywhere from 15 to 20 years. Due to our product's advanced features, we are counted amongst reckoned names in the industry, committed towards offering a wide spectrum of Standing Seam Roof Sheets. **Parthcon** Standing seam roof sheets are available at the most affordable rates making them one of the best Standing Seam Sheets in India.

Technical Specification

Thickness	0.47 - 0.91 (TCT) mm
Width	400 - 480 mm (Cover Width)
Metallic Coating	BGL/PPGL/Aluminum
Tensile Strength	300 - 345 (MPA)
Thickness Tolerance	As per IS, ASTM Standards



Cliplock Roof



Self Supported Roof

Puff Panel / Insulated Panel

Roof & Wall Panel

- Standard dimension.
- Width: 1000 - 1150 mm
- Length: According to customer's request
- Thickness: 30-150 mm
- Interior and exterior layer thickness: 0.30 mm - 0.50 mm
- Length as per requirement
- PU density: 35-40 kg/m³- Interior and exterior layer material:
- PET color coated steel
- Galvalumn & Galvanized steel



Rock Wool / Glass Wool

Technical Specification

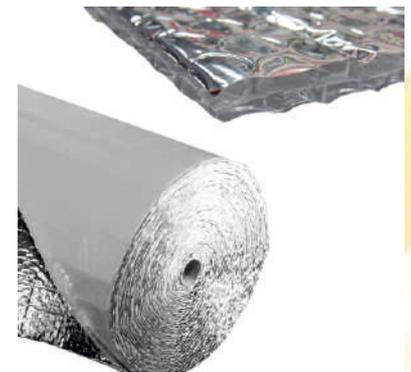
Thickness	50 - 100 mm
Width	1000 - 1220 mm
Density	16-48 kg/m ³
Foil	Aluminum One / Both Side



Air Bubble Insulation Sheets

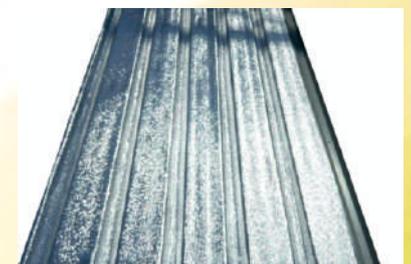
Product Details of Bubble Insulation Sheet

R Value	2.98 M ² C/W
Max Withstanding Temperature	6-15 Degree C
Reflectivity	97%
Colour	Silver
Thickness	4 mm - 12 mm
Emissivity	3%



XLPE Foam Insulated Sheets

Being a coveted firm, we are indulged in manufacturing an exclusive XLPE Foam Sheet. Due to its superlative quality, fine finish and environment friendliness, offered range is in huge demand in the international market. We offer these products in different shapes, designs, colors, sizes and other specifications to suit the diverse needs and requirements of our clients. This range comprises of XLPE Roll, XLPE Sheets and XLPE Fitment that is widely applicable in a variety of industrial applications for packaging products. Also available in 2 mm to 10 mm thickness



Polycarbonate Sheets

1. Embossed Profile Sheets / Coil

online corrugated polycarbonate sheets are available in thickness range from 1.2 mm to 3 mm. It combines high light transmission, better flexibility and strength, excellent overlapping with metals without gaps, no water leakage. Excellent weather resistance. The sheet is lightweight, impact resistant and easy to install. is ideal for use at pre-engineering building roofs, industrial building roofs, warehousing roofs, malls/ sport complexes roof / wall cladding (north lighting) applications. The sheets are produced with a coextruded UV-protective layer on one side or both side, which is homogeneously fused with the sheet material. This UV-protected side must be installed facing upwards/outwards.

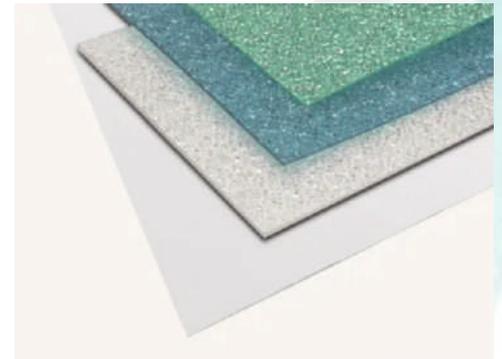
Width Range - 500 mm - 2100 mm

Thickness Range - 1.2, 1.5, 1.6, 1.8, 2, 2.20, 2.5, 2.8, 3 mm

Length - As per Required

Colours - Clear, Bronze, Blue, Green, White

UV - 50 Micron



2. Solid Polycarbonate Sheets

Width Range - 1220 mm - 2100 mm

Thickness Range - 0.8 - 20 mm

Length - As per Required

Colours - Clear, Bronze, Blue, Green, White

UV - 50 Micron



3. Multi Wall Polycarbonate Sheets

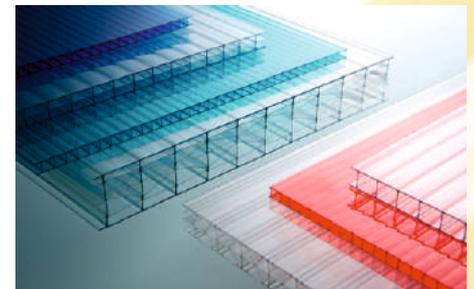
Width Range - 1220 mm - 2100 mm

Thickness Range - 6, 8, 10, 12, 16, 20, 25, 32, 40 mm

Length - 11800 mm Max

Colours - Clear, Bronze, Blue, Green, White

UV - 50 Micron



4. Polycarbonate Turbo with Base Plate

Width Range - 960 mm - 1020 mm

Thickness Range - 2 mm

Length - 1700 mm Max

Colours - Clear

UV - 50 Micron



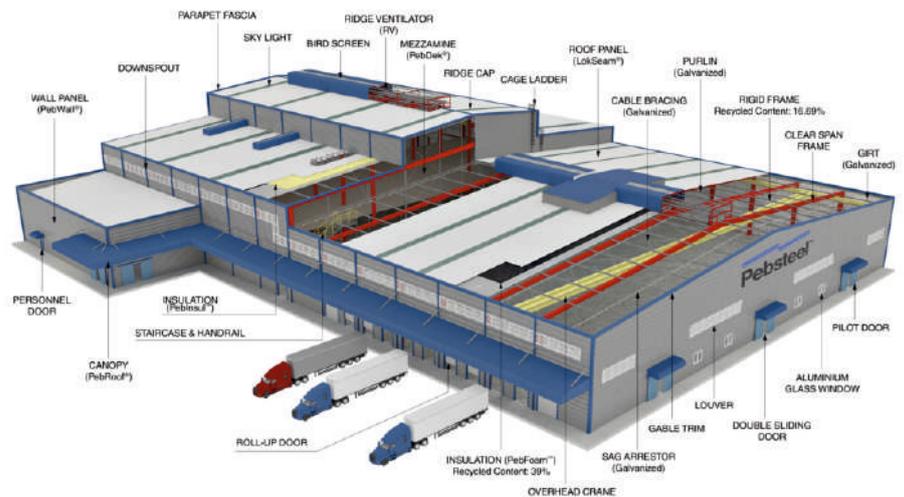
Pre Engineering Building

The Pre Engineered Building is a metal enclosure building that includes a structural frame and standard roof and wall support which is factory made and is erected at the site. Pre-Engineered Building is a new manufacturing concept replacing traditional manufacturing. PEBs is seen as a breakthrough in the construction industry, resulting in less construction time, cost-effectiveness, high quality, low maintenance, consistent span. Pre-engineered buildings meet one of industry's most critical criteria that is wide, column-free areas.

There has been a substantial rise in Pre Engineered buildings in recent years. Due to rapid construction developments and an increase in the need for quick-track construction in India.

Application

- Industrial Shed
- Warehouses
- Commercial Showroom
- Cold Storage
- Shopping Complex
- Parking Shed
- Airport / FOB / Metro Station
- Railway Platform



Know About Pre Engineered Buildings:

Primary Member : Column, Rafter, Bracing, Portal, Mezzanine, Connections

Secondary Member: Purlins, Girt, Bracing Angle, Sag Angle

Hardware : Nut Bolts 4.6, 8.8, 10.9 Grade with Appropriate Coating

Anchor Bolts : From 12 - 30 mm as per standard

Deck Sheet : 0.80 - 2 mm GI with Appropriate Profile

Ridge Vent, Turbo Ventilator, Industrial Louvers, Roof Monitor, Canopies

Roofing & Wall Cladding

Flashing & Accessories

Gutters & Downtake (Metal & PVC)

UPVC / Cement / FRP / Polycarbonate / SSR / Cliplock / Puff Panel

Machinery

SAW, GMAW, ARC Welding, Gas Cutting Set, Plasma Cutting, Laser Cutting,

CNC Bending, Shearing, Punching, Heaming, Threading, Blasting, Roll Farming

Roll Forming & Sheet Metal

Purlin :

Purlins are steel elements which are used as support structures in pre engineered buildings, mainly below the roofs. Purlins provide extra roof support, creating a horizontal diaphragm that provides support to the weight of the roof and deck. Purlins are installed parallel to the building eave and are supported by rafters or walls.

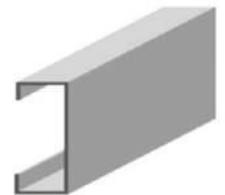
Technical Specification

Thickness	0.80 - 3.00 mm
Width	80 - 300 mm
GSM	80 - 275
Yield Strength	245 - 550 Mpa

Z Purlin



CEE Purlin

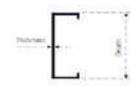


HAT / C Section :

C and Hat sections for ground mounted application. These high strength structures are manufactured from cold rolled Zn/ Al-Zn alloy coated steel and are available in various coating thicknesses and dimensions as per project requirements.

Technical Specification

Thickness	0.80 - 2.00 mm
Width	Customised
GSM	80 - 550
Yield Strength	245 - 550 Mpa



C Section



Top Hat Section

Cable Tray with Accessories :

Cable trays are mechanical support systems that provide a rigid structural system for electrical cables, raceways, and insulated conductors used for electric power distribution, control, signal instrumentation, and communication. Metal cable trays are made of galvanized steel, stainless steel, and aluminum. Non-metallic cable trays are made of glass-fiber reinforced plastic.

Technical Specification

Thickness	0.80 - 2.00 mm
Width	80 - 900 mm
GSM	80 - 275 / HDG
Yield Strength	245 - 550 Mpa



Sheet Metal

Sheet metal is used in PEB, Building materials, automobile, heavy fabrication, solar MMS structure roofing for buildings (architecture), and many other applications.

Hyd.Press Brake :

Technical Specification

Tonnage	80
Table Length	4000
Bending Capacity (M.S.)	2.5x4000
Table Width	190
Clear Pass	3250
Open Height	330
Throat Depth	220



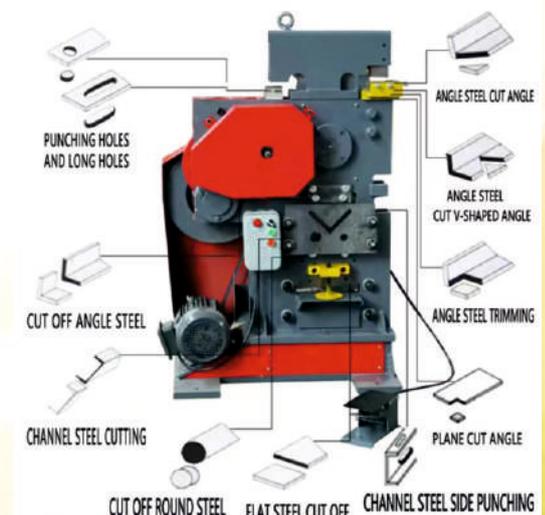
Hyd. Shearing Machine :

Shearing Length	4000
Nominal Rake Angle (M.S/S.S.)	3.15 - 1.6
Maximum Rake Angle (M.S/S.S.)	4 - 2
Rake Angle	1° 37"
Rake Angle Range	0.5 - 2°
Stroked / Minute	20 - 7
Hold Downs	20
Power HP	7.5



Punching

Machine Model :	QA32-108
Shearing Force :	500KN
Flat Steel Cut Off	240x10 mm
Punching Hole	22/22x30mm
Angled Steel	100x100x10 mm



Cutting & Welding Machine

Oxy Acetylene Gas Cutting Set :

The oxy Acetylene cutting process is ideal for when the surface of the material to be cut is made of mild steel and low alloy steel and the thickness of the material to be cut is greater than 3 mm to 50 mm



Saw Welding M/C :

Submerged arc welding uses a powdered flux layer, generating shielding and slag while creating a smooth and clean weld. Other methods use shielding gas (MIG/TIG welding), flux-cored wire (FCAW), flux-coated electrode (SMAW).



GMAW Welding :

Gas welding is the process of joining two metals using heat generated by the flames. Mainly GMAW is used for H beam child part full welding process. its's widely use in PEB industry.



SMAW Welding :

Shielded metal arc welding (SMAW), also known as manual metal arc welding, arc welding process uses for tacking, child part to H beam



Plasma Cutting :

Plasma cutting is a process that cuts through electrically conductive materials by means of an accelerated jet of hot plasma. Cutting thickness shall be from 3 mm to 40 mm, Width upto 3 mtr. & Length 12 mtr.



Number Punching M/C. :

Number Punching Machine works on principle of using a die and application of compressive force onto the workpiece. for PEB jobs part number punching purpose to identify the parts.





Ridge Vent



S Type Louver



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Brief Client List



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☎ +91 8010081689 ✉ parthinfraeng@gmail.com

📍 Regd. Add.: 214 B Wing, Ivory Tathastu, Mahalunge, Tal-Khed, Dist. Pune - 410501

🌐 www.parthcon.com

