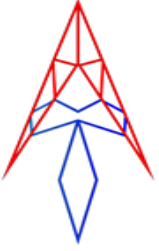


**ARUSH TECHNOCRAFT**

**आरुष टेक्नोक्राफ्ट**



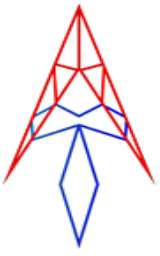
We have immense pleasure in introducing ourselves as Designers, Fabricators, erectors of Steel Structures, Pre-engineered Buildings and custom fabrication jobs including heavy and light gauge steel fabrication.

Our company focuses on best quality, time bounded delivery of products and services with utmost priority given to customer's satisfaction.

We have a team of profound engineers, artisans and workers, T & P and resources to undertake any kind of steel fabricated products. We have a team of dedicated and qualified professionals they focuses on understanding and solving our clients need.

We have vast experience of undertaking different kind of manufacturing of intricate structures. We supplied and commissioned FOB at Jabalpur Rly. P/F, a unique battery moulds for manufacturing precast panels and columns for Delhi Airport, Tank Fabrication.

Incorporated in the year 2007, we have come a long way in the past decade. Our manufacturing facility is spread over 65000 SQ.FT in Jabalpur, M.P.



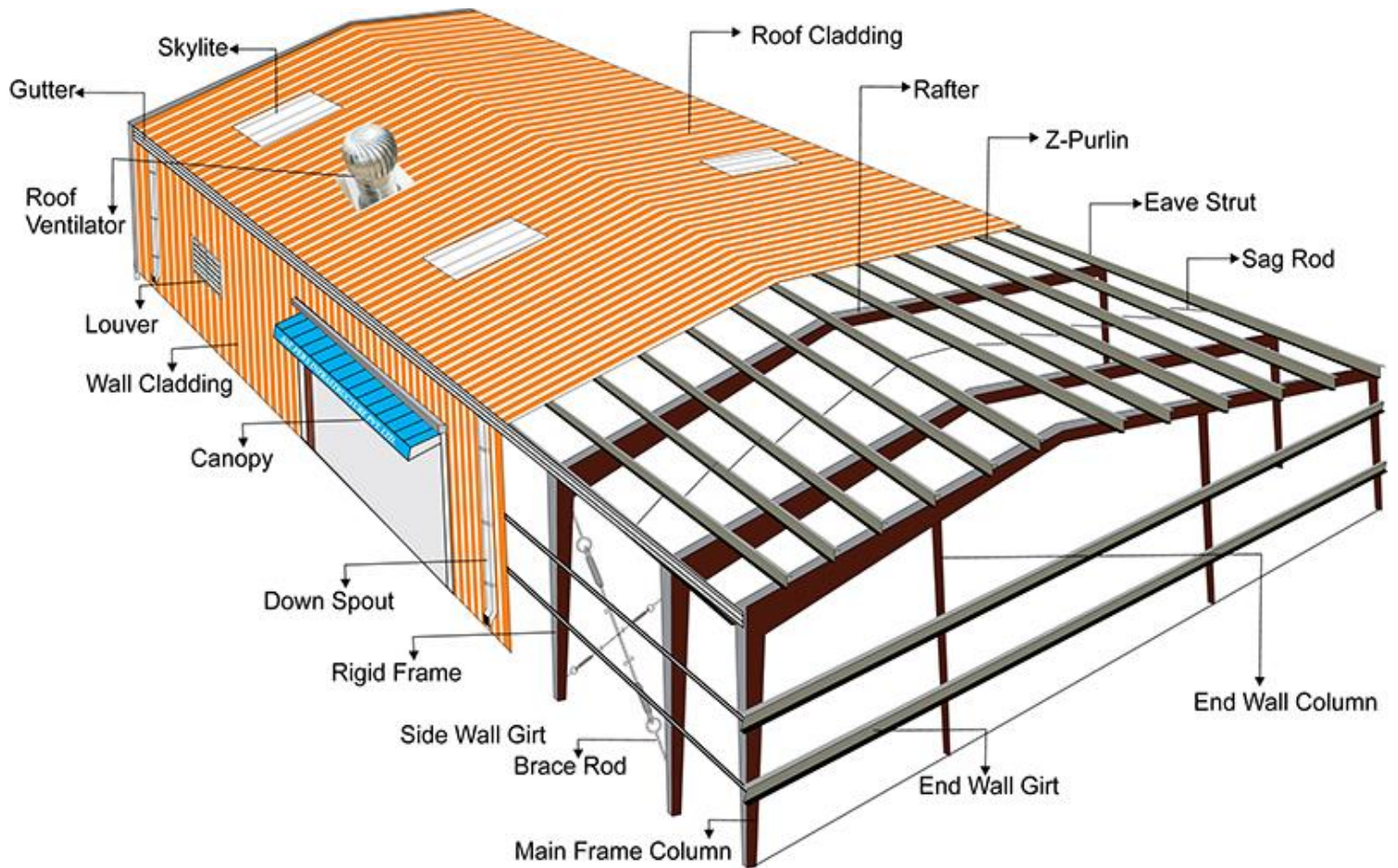
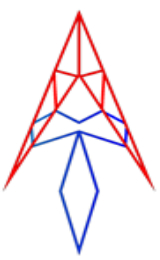
**OUR CAPACITY:**

- **Pre Engineered Buildings - 2400 M.T per year.**
- **Tubular Structures- 600 M.T per year.**
- **Other Technical Fabrications- 800 to 1000 M.T per year (Depending on the type of fabrication)**
- **POL Tank fabrication- 200 tanks per year.**

**Major Machines in our Factory:**

- ✚ CNC Plasma cutting (P $\pm$ 25mm, Oxy fuel P $\pm$  100 mm, Bed Size– 3 M X 12.5M)
- ✚ SAW Welding - 1250 Amps
- ✚ All kind of Fabrication machines
- ✚ MAJOR MACHINES EOT Cranes and Mobile Crane
- ✚ MIG welding sets
- ✚ Hydraulic presses
- ✚ Misc. Hand Tools and small m/cs.
- ✚ Measuring Equipments.

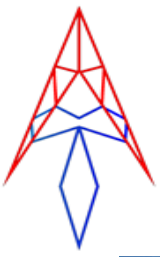




A pre-engineered building (PEB) is a type of building that is designed and fabricated using standardized and pre-fabricated components. These components are manufactured offsite and assembled on-site, allowing for a quick and efficient construction process. The design and engineering of PEBs are done beforehand, usually by a team of architects, engineers, and designers. The components are manufactured in a factory under controlled conditions, ensuring high quality and consistency. The components are then transported to the construction site, where they are assembled using bolts and screws. They are typically less expensive and quicker to construct, as the components are pre-fabricated and require less on-site labor.

There are three major components in P.E.B:

- 1) Primary structure,
- 2) Secondary structure,
- 3) Sheeting/Accessories.



**HIGH RISE COMMERCIAL BUILDINGS**



**WAREHOUSES**



**INDUSTRIAL STRUCTURES**



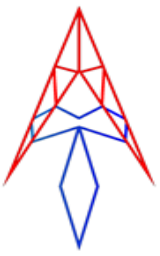
**MULTIPURPOSE SHED STRUCTURE**

**There are various applications of PEB as mentioned below:-**

- Ware houses
- Cold Storages
- Factories
- Industrial Buildings
- Showrooms
- Workshops
- Supermarkets
- Shopping Malls
- Sports Stadiums
- Auditorium
- Function Halls
- Community Buildings
- Petrol Pump
- Car Parking
- AirPort Hangers
- Metro Stations
- Shelters
- Sheds
- Schools
- Colleges
- Hospitals
- Office Buildings
- Shipyards
- Ports

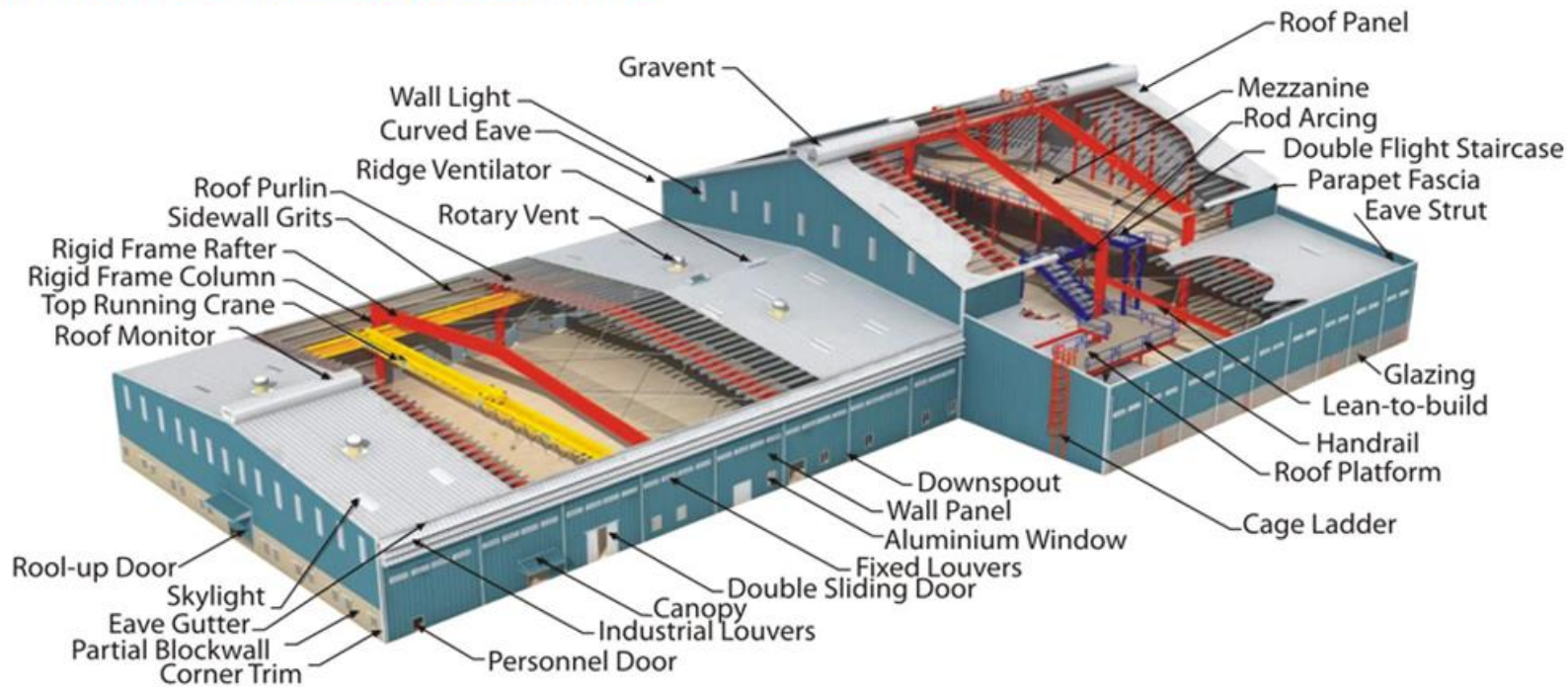






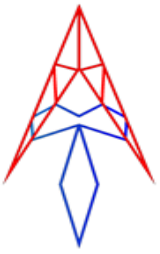
## ILLUSTRATION OF COMPONENTS IN P.E.B STRUCTURE

### TYPICAL PRE-ENGINEERED STEEL BUILDING

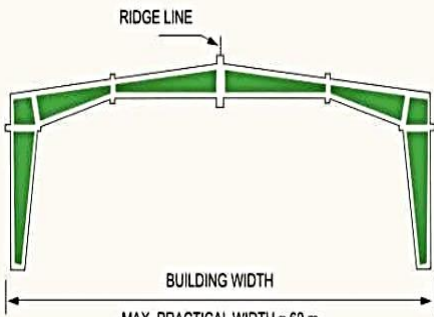


### Few of the major components of P.E.B structure

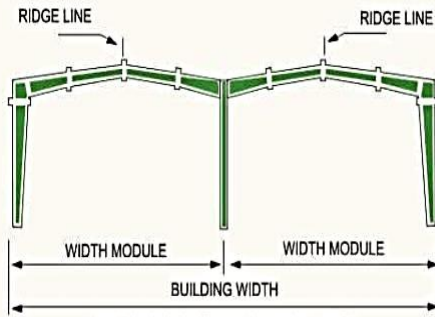
- Main framing with vertical columns
- End wall framing
- Purlins, girts and eave struts
- Sheeting and insulation
- Crane system
- Mezzanine system
- Ventilation system
- Drainage system



## TYPES OF FRAMES



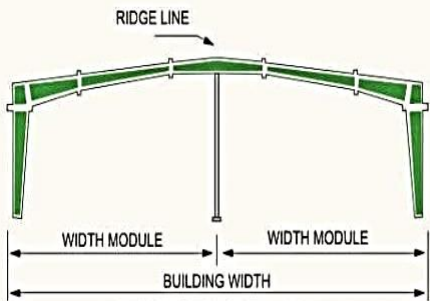
**Tapered Column Clear Span (TCCS)**



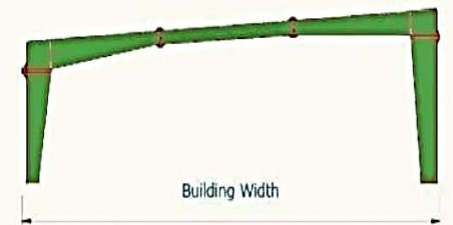
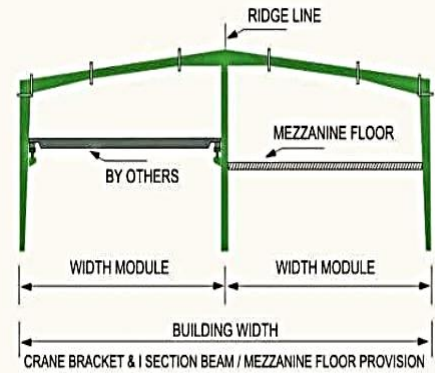
**Multi Gable (MG)**



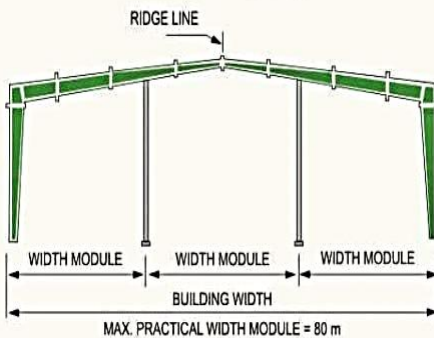
**Arched Multi Span**



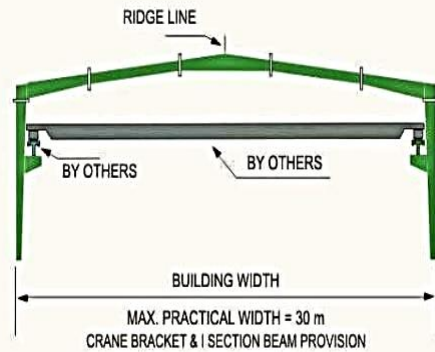
**Multi Span "1" (MS-1)**



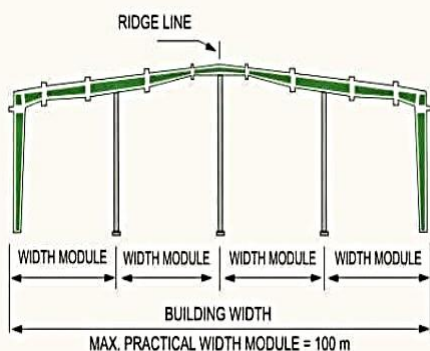
**Mono Slope**



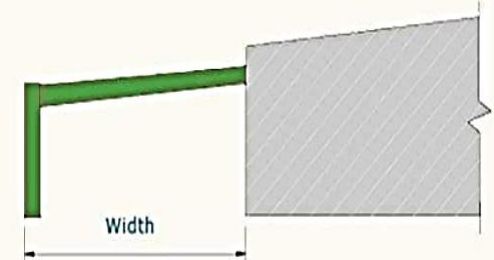
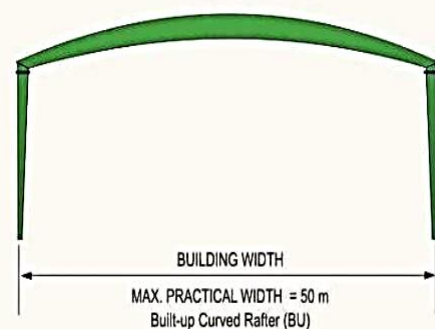
**Multi Span "2" (MS-2)**



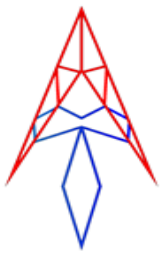
**Roof System**



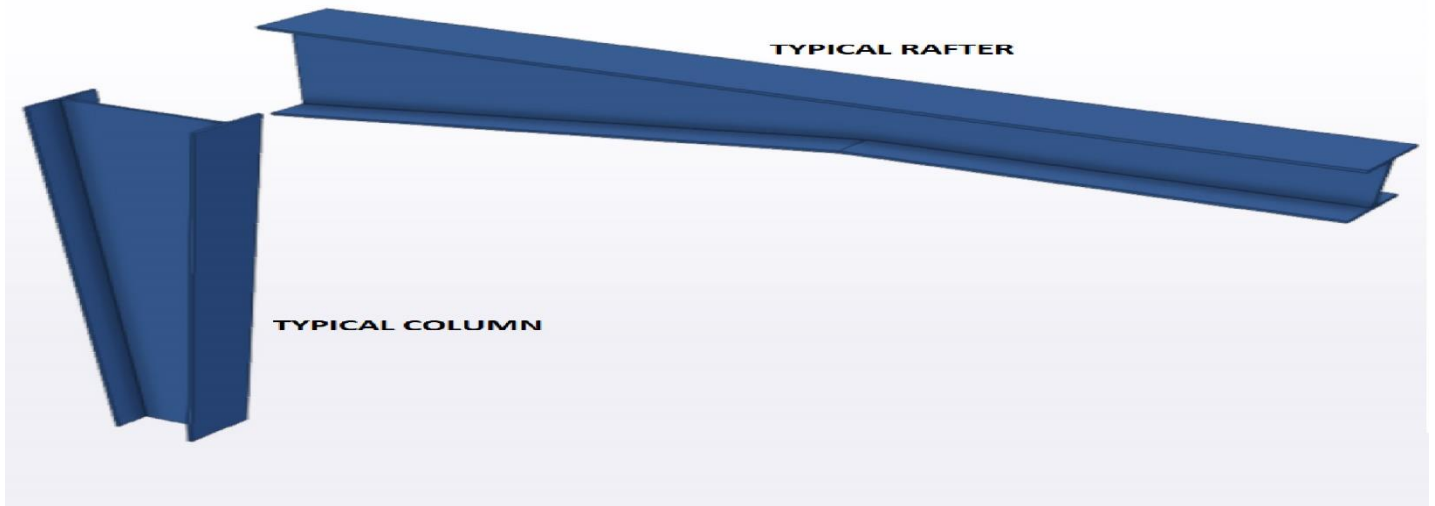
**Multi Span "3" (MS-3)**



**Lean-To**



## PRIMARY STRUCTURE

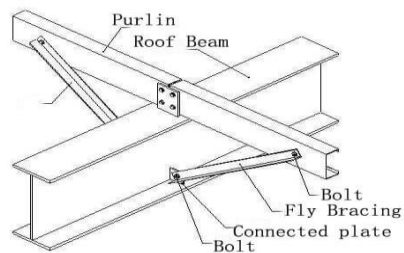


**M.S -MIN YST 350 MPA**

## SAG RODS, CLEATS, WIND BRACINGS, FLANGE BRACINGS



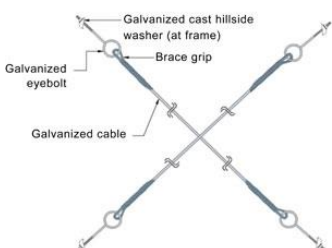
**SAG RODS- ROUND**



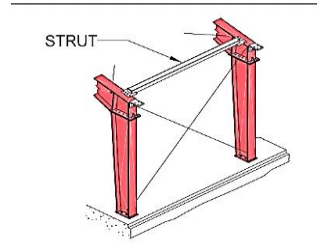
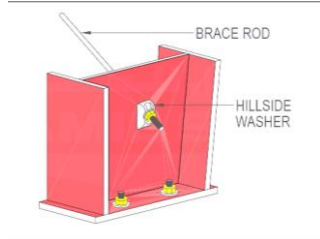
**FLANGE BRACING-M.S ANGLE**



**CLEATS**



**WIND BRACING- ANGLE/PIPE/ROUND**

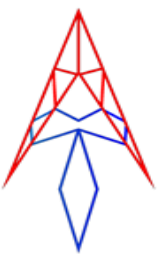


**STRUT PIPE**



**FOUNDATION BOLTS**

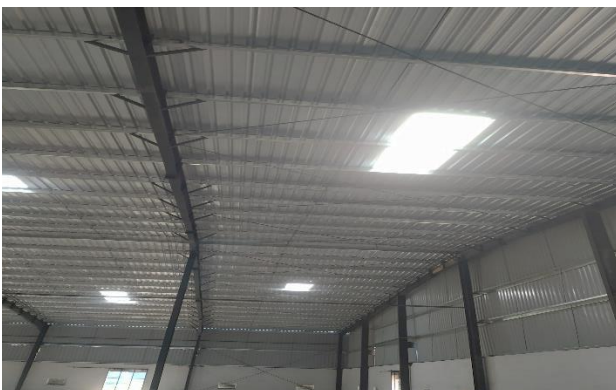
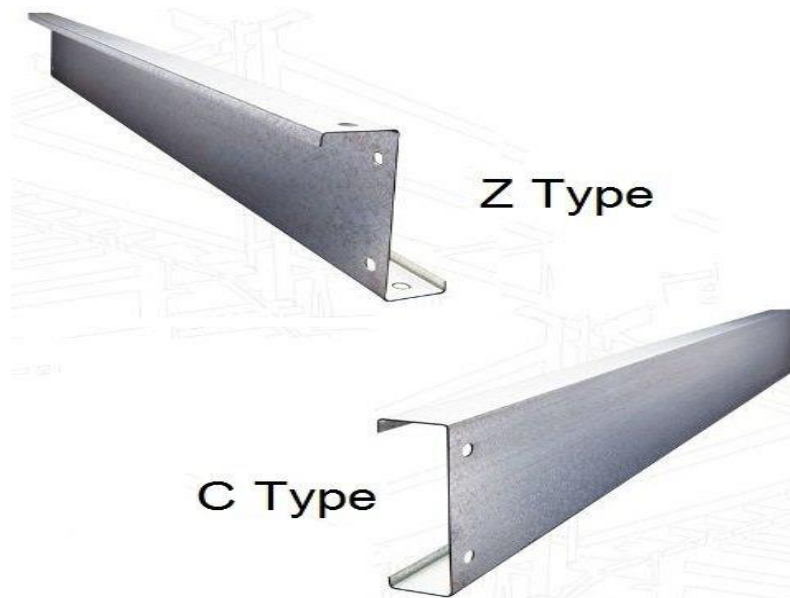




## SECONDARY STRUCTURE

Z/C purlins are horizontal beams that are designed to form the roof and wall joists of a building shell structure. They sit between the roofing sheets and the primary structure acting as a support for the sheet to ensure that the loads are distributed efficiently and the sheets are kept intact in their position.

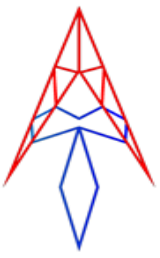
Eave struts are designed according to the slope of the building and are positioned at the junction of roof sheet and cladding enabling a proper base for sheets to be attached.



**SKYLIGHTS**



**TURBO VENT**



## ROOF AND SIDE SHEETING

### ARUSH TECHNOCRAFT PPGI/PPGL SHEETS (0.32-1.6mm)

PPGI/PPGL sheets of various colours and Paint System, RMP, SMP, SDP & PVDF. Top Side, Primer paint + polyester paint coating (25 microns) min.

### STANDING SEAM SHEETS (0.4-0.85mm)

Standing Seam gives Outstanding Aesthetic Look, Leak Proof, and Decorative Design & Weather Tight Roof in all condition.

**JINDAL SHEETS**



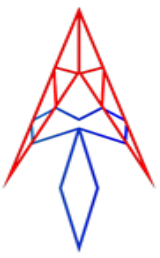
### LINER SHEET PANELS

Liner Profile is an attractive, fitted on wall & ceiling cladding for exterior and interior use, on straight or curved surfaces.

**AM/NS  
INDIA**

A joint venture between ArcelorMittal and Nippon Steel Corporation





## ACCESSORIES

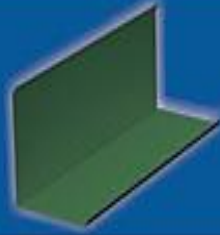
**Profiled Ridge**  
(RD 1020)



**Plain Ridge**  
(RD 610)



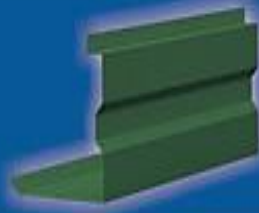
**Corner Flashing**  
(CF 405)



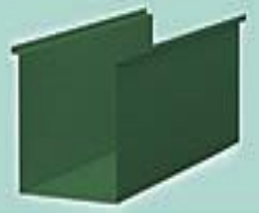
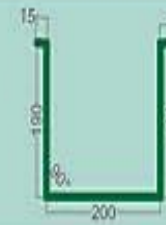
**Profiled Corner Flashing**  
(CF 610)



**Profiled Gable Flashing**  
(PGF 610)



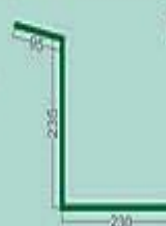
**Box Gutter**  
(BG 610)



**Profiled Box Gutter**  
(PBG 610)



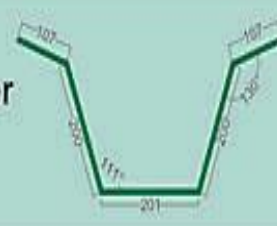
**Eave Gutter**  
(EG 815)



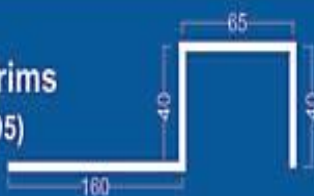
**Profiled Eave Gutter**  
(PEG 815)



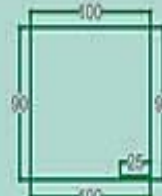
**Valley Gutter**  
(VG 815)



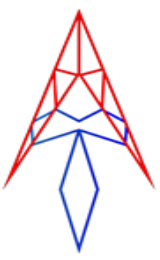
**Deep Trims**  
(DT 305)



**Down Take Pipe**  
(DTP 405)





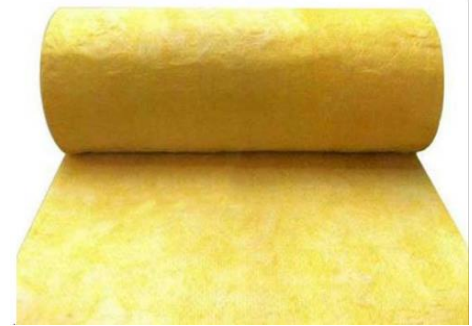


## INSULATIONS



### STONEWOOL INSULATION

Specially treated stone wool has optimal insulative and acoustic properties, this ensures buildings are always maintaining comfortable temperatures and sound for the occupants.



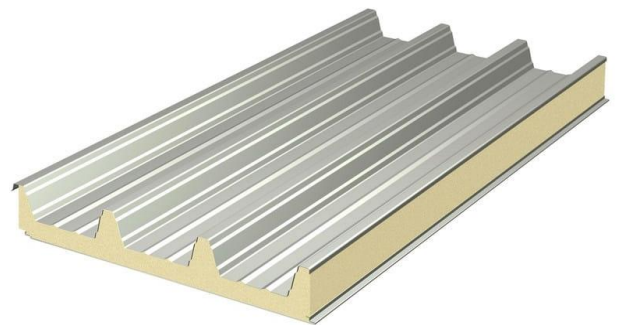
### GLASS WOOL INSULATION

It is light, is proof against fire and dampness, chemicals, rodents, etc., will stand high temperatures, will not decay or deteriorate with use and has low specific heat property.



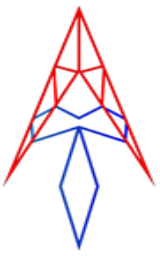
### AIR BUBBLE INSULATION

Reflective air bubble insulation reflects 97% of heat and keeps the inner atmosphere at stable temperature. It is cost effective and easy to fix between sheets and structure.



### PUF PANEL INSULATION

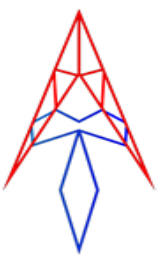
PUF panels are Polyurethane Foam which is a layer of material sandwiched between two GI metal sheets. The foaming material ensures proper insulation from heat as well as cold, maintaining the room temperature inside and also providing fire resistance to the building.



**LIST OF MACHINERIES**

<b>SECTOR</b>	<b>PARTICULARS</b>	<b>CAPACITY</b>	<b>No.</b>
<b>Material Handling</b>	<b>EOT Cranes</b>	<b>5 MT</b>	<b>2</b>
	<b>EOT Crane</b>	<b>2 MT</b>	<b>1</b>
	<b>Mobile Crane</b>	<b>9 MT</b>	<b>1</b>
<b>Fabrications</b>	<b>Power Press (punching, cropping etc.)</b>	<b>100 MT</b>	<b>1</b>
	<b>Multi Station Power Press</b>	<b>150 MT</b>	<b>1</b>
	<b>Multi Station Power Press</b>	<b>50 MT</b>	<b>1</b>
	<b>Notching m/c</b>	<b>10 MT</b>	<b>1</b>
	<b>Angle Cropping m/c</b>	<b>130 MT</b>	<b>2</b>
	<b>Power presses</b>	<b>30-50 MT</b>	<b>6</b>
	<b>Double Column Bend Saw</b>	<b>300 mm</b>	<b>1</b>
	<b>Hack Saw</b>	<b>600 mm</b>	<b>1</b>
	<b>Bend saw</b>	<b>200 mm</b>	<b>1</b>
	<b>Radial Drills</b>	<b>32 mm</b>	<b>3</b>
	<b>Threading m/c</b>	<b>75 mm dia.</b>	<b>1</b>
	<b>End Facing m/c</b>	<b>150 mm dia.</b>	<b>1</b>
	<b>Magnetic Drill</b>	<b>32 mm</b>	<b>2</b>
	<b>Broach Cutter</b>	<b>50mm‡/40 mm dia.</b>	<b>1</b>
	<b>Plate bending m/c 1.5 Mtr.</b>	<b>10 mm‡</b>	<b>1</b>
<b>Air compressors</b>	<b>LS</b>	<b>4</b>	
<b>Welding</b>	<b>SAW Welder (12 Mtr. Long bed)</b>	<b>1250 amps</b>	<b>1</b>
	<b>MIG Welders</b>	<b>400 amps</b>	<b>5</b>
	<b>Welding m/c (Invertor Based)</b>	<b>misc</b>	<b>4</b>
	<b>Gas profile cutting m/c</b>	<b>1.25 Mtr. Arm</b>	<b>1</b>
	<b>Gas welding set</b>		<b>4</b>
<b>Misc. m/cs</b>	<b>Pug cutting</b>		<b>4</b>
	<b>Table grinders</b>		<b>2</b>
	<b>Electrodes Ovens</b>		<b>2</b>
	<b>Portable chippers, grinders cutters, drills, pneumatic chippers etc.</b>		<b>LS</b>

‡ is Thickness



<b>SECTOR</b>	<b>PARTICULARS</b>	<b>CAPACITY</b>	<b>No.</b>
<b>Workshop</b>	<b>Lathe</b>	<b>4, 6, 12 feet</b>	<b>3</b>
	<b>Shaper</b>	<b>600 mm</b>	<b>1</b>
	<b>Milling</b>	<b>750 mm</b>	<b>1</b>
<b>Instrumentation</b>	<b>Vernier Calipers</b>	<b>150 to 600mm</b>	<b>5</b>
	<b>Dial Gauge</b>	<b>25 mm</b>	<b>1</b>
	<b>Weld Gauges set</b>		<b>1</b>
	<b>Screw Gauge</b>		<b>1</b>
	<b>Measuring scales and tapes</b>		<b>LS</b>
	<b>Thread Gauges</b>		<b>LS</b>
	<b>Feelers Gauges set</b>		<b>1</b>

### **The Philosophy of Structure :**

“We envisage the life of a Structural System feeling it to be a living legend as it breathes. There is always reversal of stresses in structures ....can be termed as its breathing causing fatigue thus overcoming it to ensure its prolonged life. The Structural System is designed accordingly” .

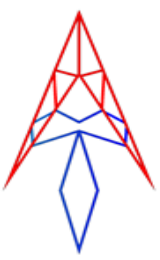
AMITABH JAIN

MANAGING DIRECTOR

SIMPLEX TUBES PVT LTD (EST.1985)

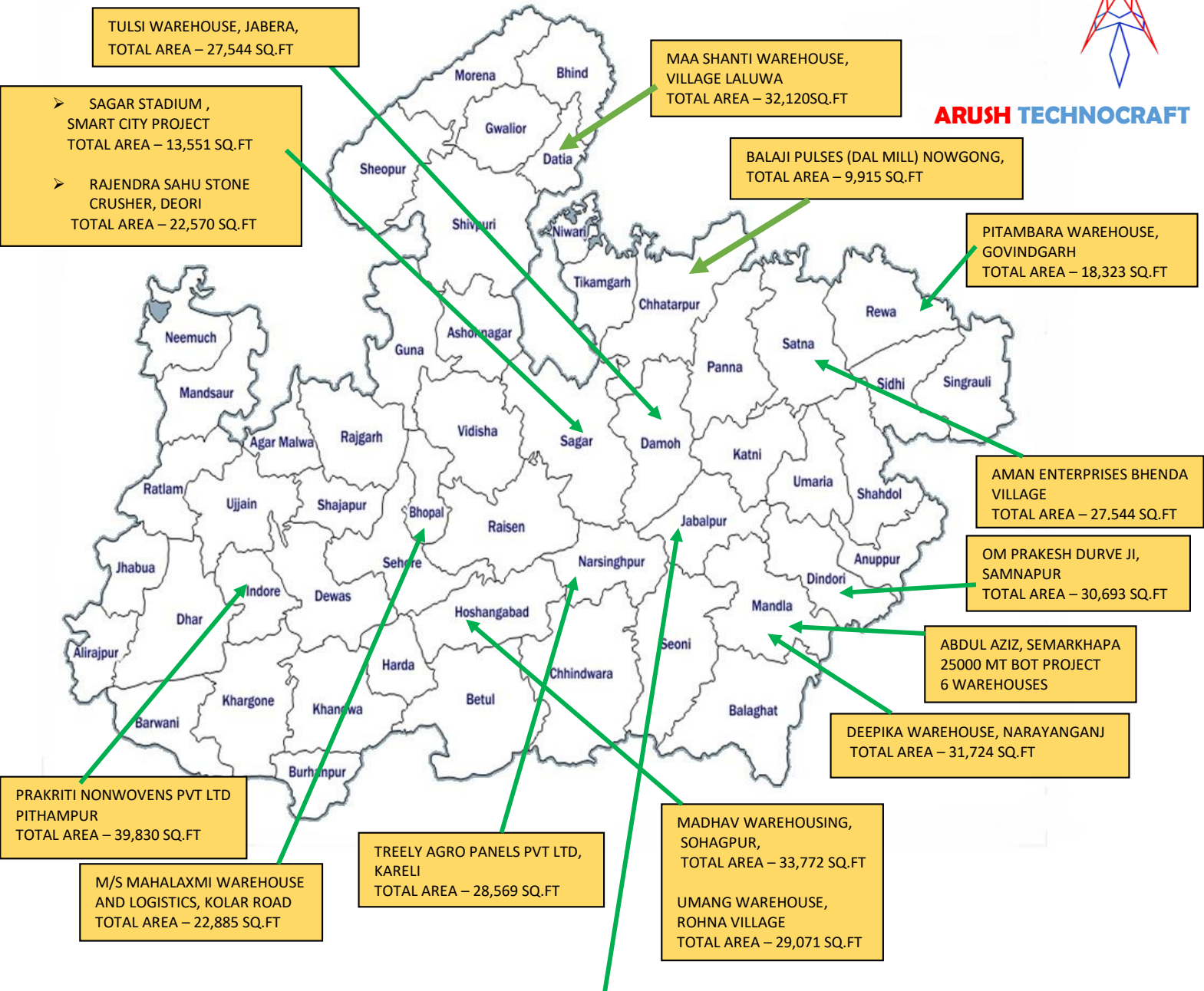
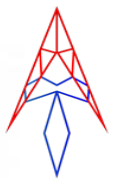
SIMPLEX TUBULAR STRUCTURES PVT LTD (EST.1972)



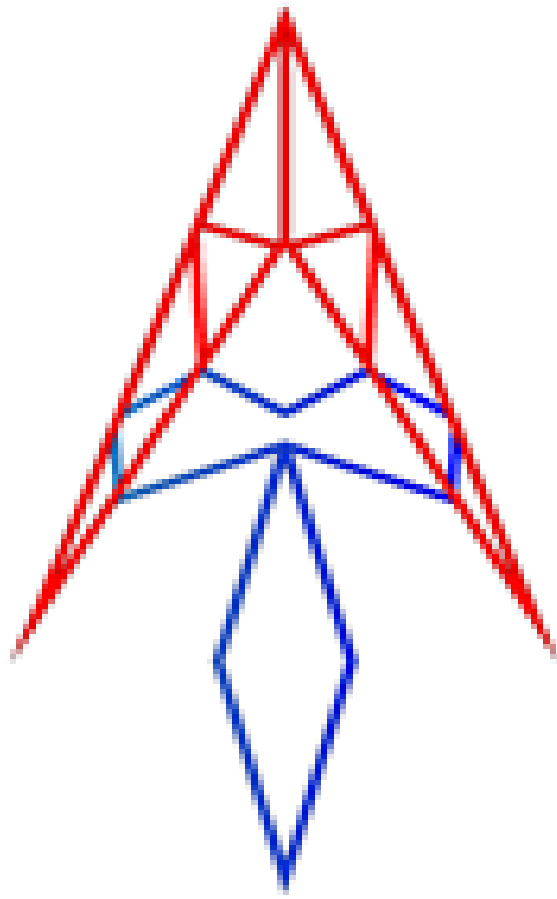


## SOME OF OUR PRESTIGIOUS CLIENTS

- PRISM CEMENT, CENTURY CEMENT, & MANIKGARH CEMENT , MAIHAR CEMENT
- INDIAN RAILWAYS
- COMMERCIAL ENGINEERS & BODY BUILDERS CO (CEBBCO)
- KEC INTERNATIONAL LTD.
- RAS POLYPACK PVT LTD, MANERI
- PACIFIC IRON ORE MANUFATURING PVT LTD, PARAKHEDA
- INDIAN OIL CORPORATION LTD.
- TREELY AGRO PANELS PVT LTD, NARSINGHPUR
- PRAKRITI NONWOVENS PVT LTD, PITHAMPUR, INDORE
- SML SHOWROOM AT JABALPUR
- MAHALAXMI WAREHOUSE & LOGISTICS, BHOPAL
- SADHANA POLYPACK PVT LTD, RICHHAI, JABALPUR
- 25000 MT OF BOT PROJECT AT MANDLA
- WHITE GRAINS RICE MILL AT MANERI INDUSTRIAL AREA.
- CITY STADIUM, SAGAR SMART CITY PROJECT.
- JNKVV AUDITORIUM
- FARZI CAFÉ, JABALPUR
- JNKVV AUDITORIUM
- SATNA EXHIBITION CENTRE
- 150+ COMPLETED PROJECTS FOR PRIVATE WAREHOUSES
- 50+ COMPLETED PROJECTS FOR INDUSTRIAL SHEDS.



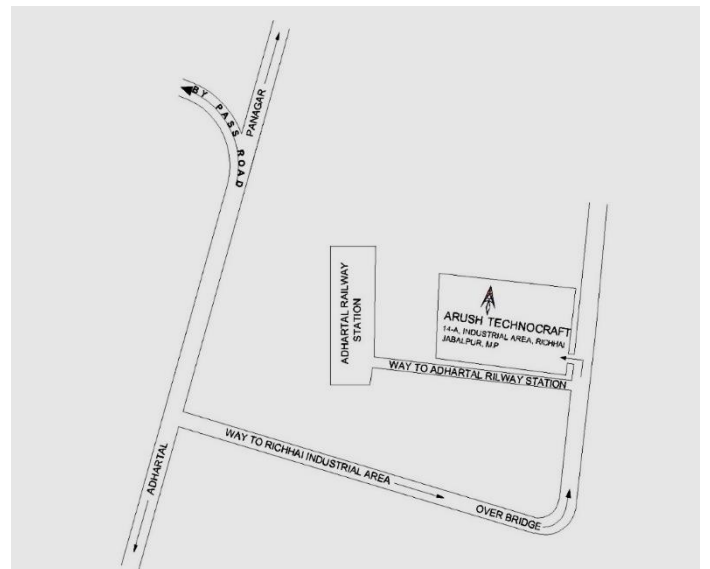
UMARIA DUNGARIYA INDUSTRIAL AREA	<ul style="list-style-type: none"> <li>➤ SUNTUFF PVT LTD (AREA – 31488 SQ.FT)</li> <li>➤ PLASTOFORGE INDUSTRIES PVT LTD,</li> <li>➤ SWASTIK POLYPACK ,</li> <li>➤ SHUBHANKAR PACKWELL,</li> <li>➤ NATURECO PULP PRIVATE LIMITED,</li> </ul>
INDUSTRIAL GROWTH CENTRE, MANERI,	<ul style="list-style-type: none"> <li>➤ RAS POLYPACK PVT LTD.</li> <li>➤ ZUB INNOMINDS PVT LTD</li> <li>➤ NARMADA PET INDUSTRIES PVT LTD</li> <li>➤ WHITE GRAINS AGRO FOOD PVT LTD (RICE MILL)</li> <li>➤ ANAND AGRO INDUSTRIES LTD (RICE MILL ) (AREA – 42,573 SQ.FT)</li> </ul>
SIHORA	<ul style="list-style-type: none"> <li>➤ JAI MAA PITAMBARA, (AREA – 31,784 SQ.FT)</li> <li>➤ SHRI SHIVA WAREHOUSE (AREA – 27,595 SQ.FT)</li> <li>➤ ASHIRWAD WAREHOUSE (AREA – 30,987 SQ.FT)</li> </ul>
KATANGI ROAD , KARMETA	<ul style="list-style-type: none"> <li>➤ MARUTI SUZUKI SPARE PARTS STORE HOUSE TWO WAREHOUSES OF 29321 SQ.FT</li> </ul>
NH-30 ON KATNI ROAD	<ul style="list-style-type: none"> <li>➤ SML ISUZU SHOWROOM , (AREA – 19256 SQ.FT)</li> </ul>
PANAGAR ROAD, JABALPUR	<ul style="list-style-type: none"> <li>➤ JAINUM FOOD PRODUCTS PVT. LTD.</li> </ul>
JABALPUR CITY	<ul style="list-style-type: none"> <li>➤ FOOT OVER BRIDGE AT RAILWAY PLATFORM 6, JABALPUR RAILWAY STATION</li> <li>➤ FARZI CAFÉ RESTAURANT , NAPIER TOWN</li> </ul>



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