



Mfg. : Pre Fab Structure, Ware House, Cold Storage



Let's build something better

ROOFING & MULTI STORAGE STEEL BUILDING EXPERTS

www.shaktiinfrastructure.in

ABOUT US

Shakti was established in the year 2019 and has since then been in the constant pursuit of perfection. Our company has a sole aim of providing superlative quality infrastructure and related services pursuit of perfection. Our company has a sole aim of providing superlative quality infrastructure and related services to our prestigious clients. We are a recognized name in the construction industry offering. Top quality design, Fabrication and Erection of Pre-Engineered steel building for Warehouses, Commercial etc. Our pre-Engineered steel buildings conform to the highest quality standards. Shakti products have been used in buildings all over India and overseas and behind each building is the Shakti reputation for quality and service. Every Shakti employee is dedicated to you and your needs; from those who work within the plant, to those in Accounting, Marketing and Administration. These

advantages add up the edge that you have by choosing a Shakti designed Pre-Engineered steel building; A building, that is second to none. The theory behind our success is simple. We make our quality product and back it by service and we strive to deliver every building right on time. We aim to keep our buyers in good humor and wish to establish long lasting relations with them by winning their trust and confidence.

Our Vision

To aggressively grow the company by achieving performance to our Customers in the following areas

- Product Quality
- On – time Delivery
- Value
- Meeting or exceeding committed time lines. By excelling in these areas we will create an environment that will allow us to continue to grow our top line revenue.

Our Mission

Shakti is dedicated to the highest standards of precision engineering and fabrication while providing utmost value and quality to our customers.

- Our core values include the following:
- Delivering outstanding customer service.
- Dedication and commitment to a positive work environment for our employees.
- Commitment to ethical business practices.

LIST OF PLANT & MACHINERY

BUILT UP LINE

- Plasma Cutting Machine
- Submerge Arc Welding Machine (SAW)
- Pug Cutting Machine
- Arc Welding Machine
- Core Cutter
- Grinders
- Gas Cutting

COLD FORM LINE

- Automatic Z & C Purlin Machines
- Power Press For Eave Strut And Other Angle Forming
- Radial Drill Machines
- Portable Magnetic Drill Machines
- Rod Threading Machines

SHEETING LINE

- Roof & Wall Sheeting Roll Forming Machine
- Crimp Curve / Trims & flashing / Gutter
- Bending Machine
- Shearing Machine

MISCELLANEOUS

- Spray Painting Machine
- Automatic Spray Painting Machine
- Lathe Machine
- Power Press
- Press Brake Machine
- Other Hand Tools In Sufficient Numbers
- Chaser Machine



Hydraulic Multi Purpose Cutter



HI- Rib Sheeting Profile Machine



SAW Submerged Arc Welding Machine



Power Press (15 Ton)

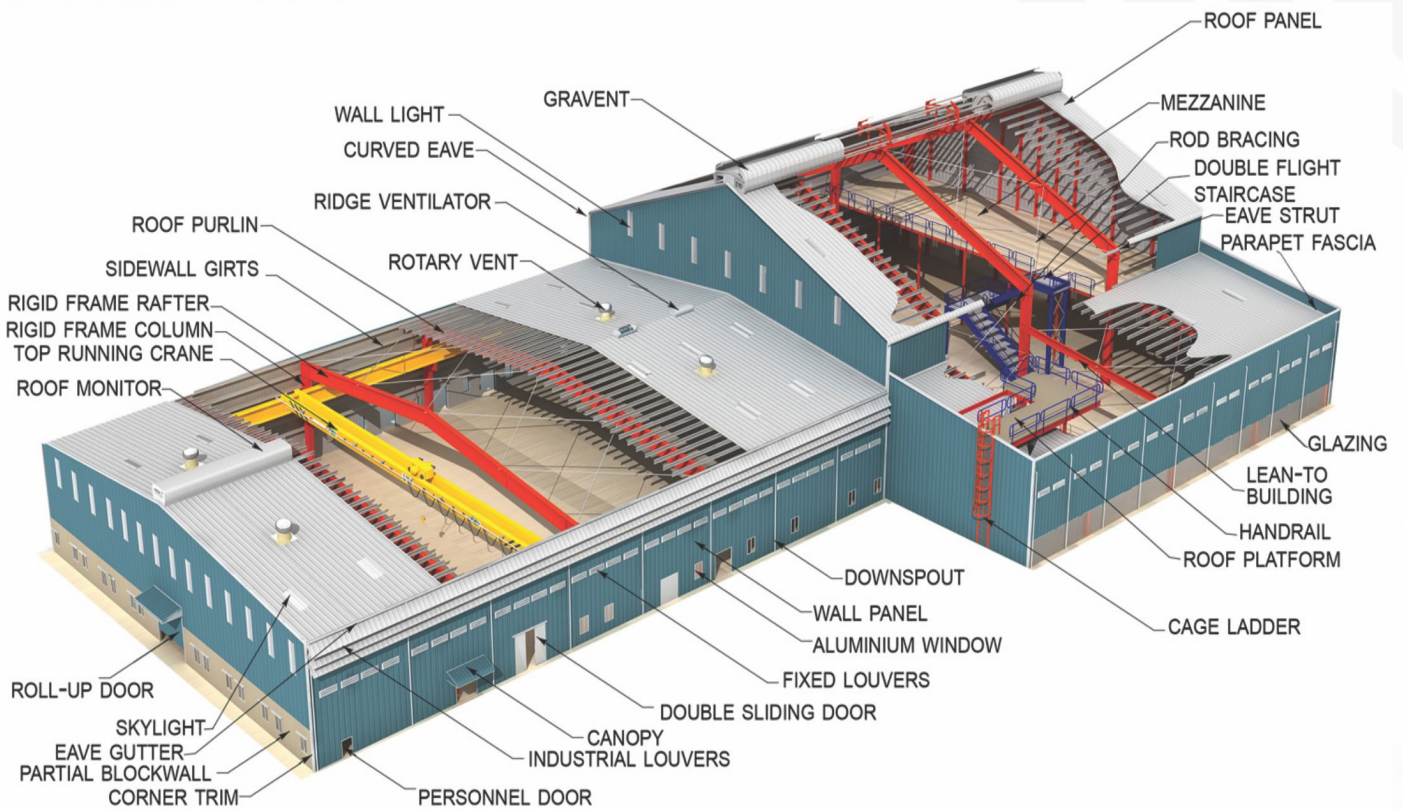


Threading Machine



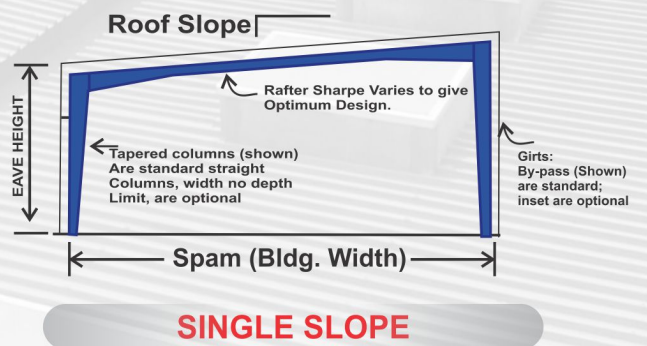
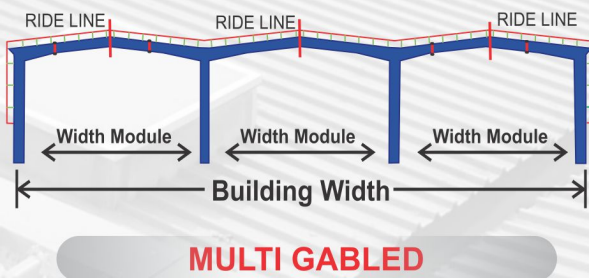
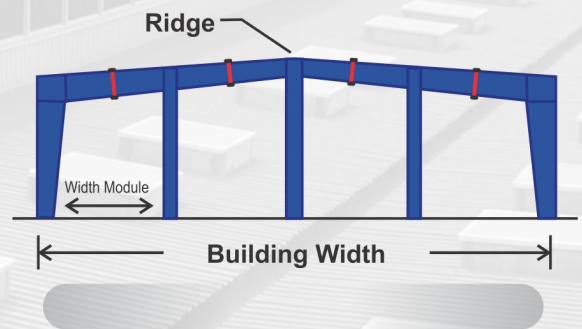
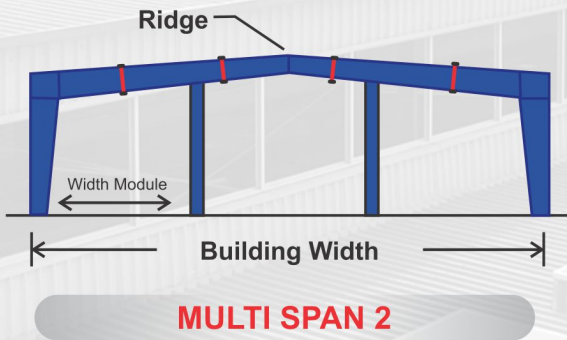
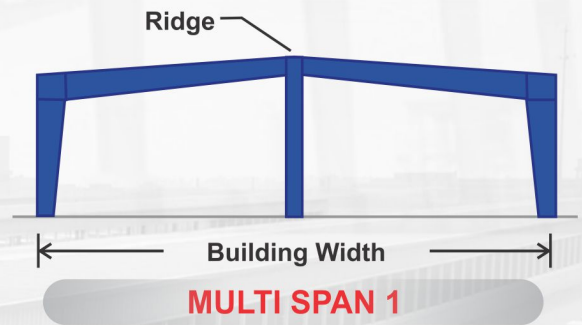
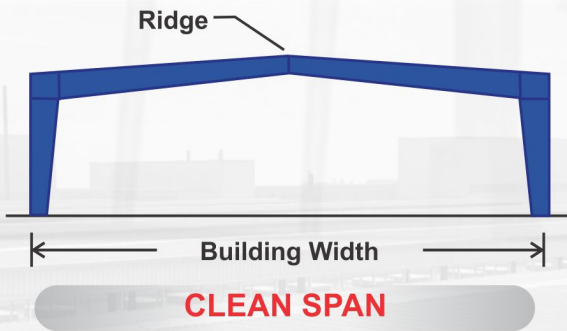
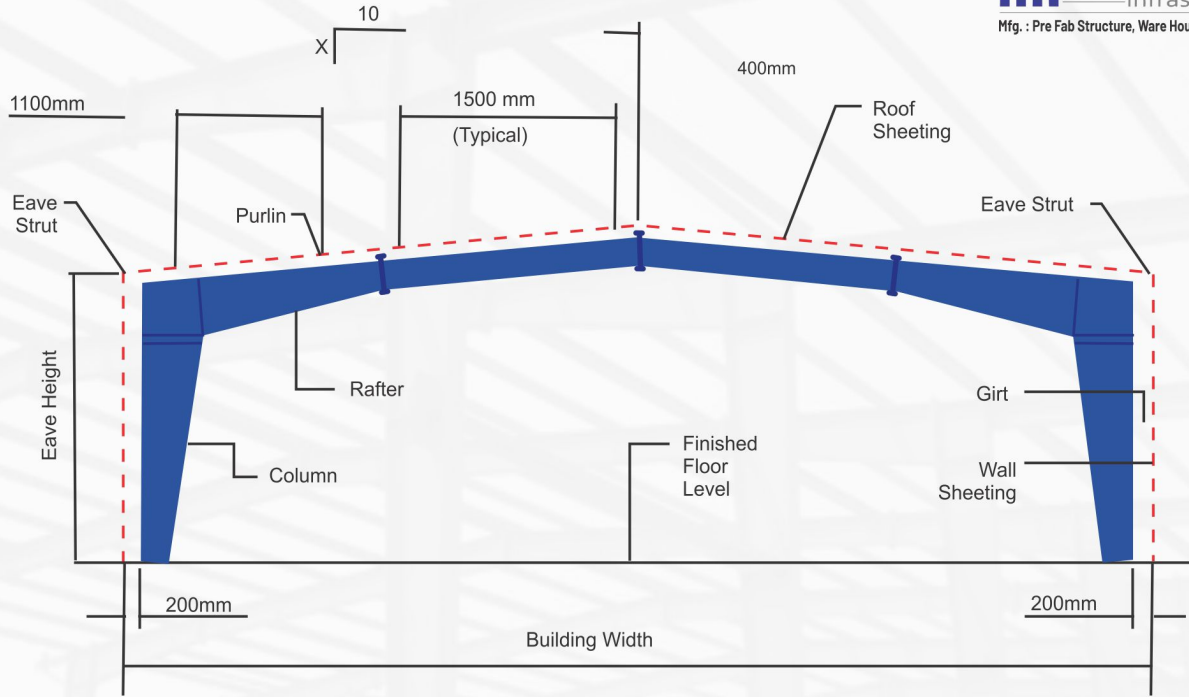
MIG Welding Machine

PRE-ENGINEERED BUILDINGS

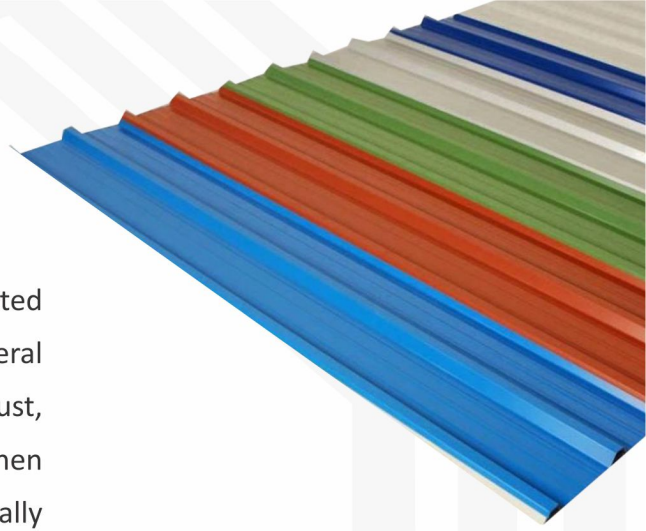


Shakti is one of the leading manufacturers of PEB (Pre-engineering steel building) which involves design, Fabrication, erection & installation of metal Building systems. We design, manufacture and supply custom made PEB's at market leading prices. PEB's are easy and fast to erect & can withstand sever climatic conditions irrespective of the time. In addition to this, Shakti also undertake complete turnkey projects for building of Industrial, commercial, Institutional, retail, aircraft Hangar, Shopping Centers, warehousing, Offices, etc. All the structural build-ups are made out of cold rolled from section, includes Z-Purlins, clip-Purlins, C-channel and Box-sections for columns & rafters.

- **Super fast deliveries saving in total project schedule tile due to fast delivery and quick site erection**
- **Esthetical & Most Economical**
- **Complete building solution under one roof. (Including Roof and side cladding and all accessories)**
- **World class' quality standards**
- **Manufactured using state of the art machinery**
- **Architectural versatility**



ROOFING & CLADDING SHEET



Roofing sheets are metal roofing system made up of Corrugated metal sheets. Corrugation gives strength to the sheets and several different types of coatings are used on metal that makes it anti-rust, waterproof, protection against extreme climatic conditions. When we are talking about roofing or cladding sheets there are basically of two types of sheets:

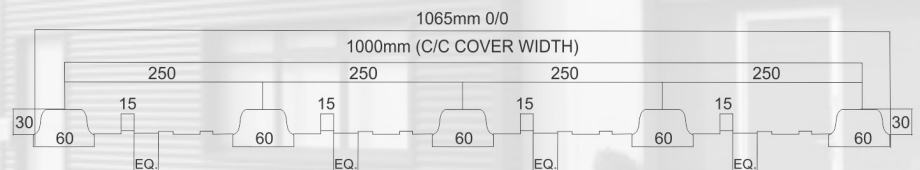


BARE GALVALUME

We are offering our clients with roofing solutions by making use of galvalume Steel. Galvalume steel is zinc aluminum steel that has alloy coating of 55% aluminum, 43% and 1.5 Silicon. This steel offers high corrosion resistance and protection against varied atmospheric conditions. The galvalume steel roofing sheets that we use is of varied tensile strengths of 300, 345 and 550 mpa, and is provided with coating class of az-150 as per as : 1397.

GALVANIZED STEEL

Our capabilities allow us in undertaking and executing galvanized steel roofing sheets by using galvanized steel of optimum quality. The Galvanized Steel that we use is mild steel coated with galvanized zinc coating of minimum mass 120 grams/ square meter as per the standards of IS 277.



HI-RIB PROFILE SHEET

- 
OFF WHITE
- 
SICO RED
- 
BRICK RED
- 
FIROZA BLUE
- 
CAPRI BLUE
- 
MIST GREEN
- 
BUS GREEN
- 
DARK GREEN

PURLINS

A purlin is a horizontal structural that is used in a roof to support the loads from the roof deck or sheathing. Catering to the demands of architecture or structural engineering, our purlins are supported by the principal rafters and/or building walls and steel beams. Z purlins & C purlins steel are typically propped off internal walls that are constructed from cold-formed steel, (or roll formed) sections that can be lapped and nested at the supports. We undertake fabrication and erection of these as per the specifications detailed by our clients.

Z PURLINS

Z-Purlins are basically the Z sections made by tubes and angles that are used in roofing in the construction industry. These purlins steel are widely appreciated for their veracity and are extensively used in large sized roofing railway platforms, workshops, factory sheds, godowns and other industrial sheds.

C PURLINS

We are capable of offering design, fabrication and erection services for C-Purlins steel that give a sturdy edge to the roof. These purlins are better and economical selection for erection purposes and are one of the most demanded services from our entire repertoire. We are instrumental in designing these purlins steel, z purlins steel, c purlins steel, purlins roof as per the inputs or drawing specified by our clients. Available in various styles of roofing and side cladding, these "Z" & "C" Purlins are known for their following advantages:

Up to 40-50% weight saving of structural steel and cost up to 25-30% (As compared to hot rolled)

Up to 30-40% weight saving and 15% cost (As compared to tubular purlins)

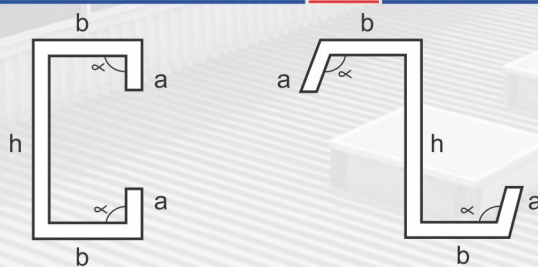
Highly cost effective

Purlins are crisp, clean and square.

No rounded corners, inaccurate lengths or out of square purlins any more.

Easy to install and light in weight

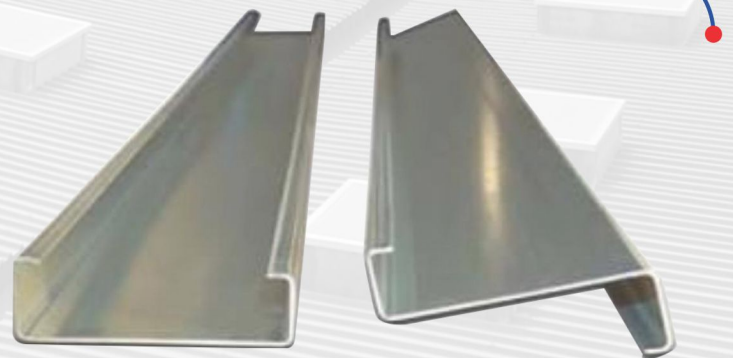
Excellent corrosion resistance, durability and long Life



C - Purlins

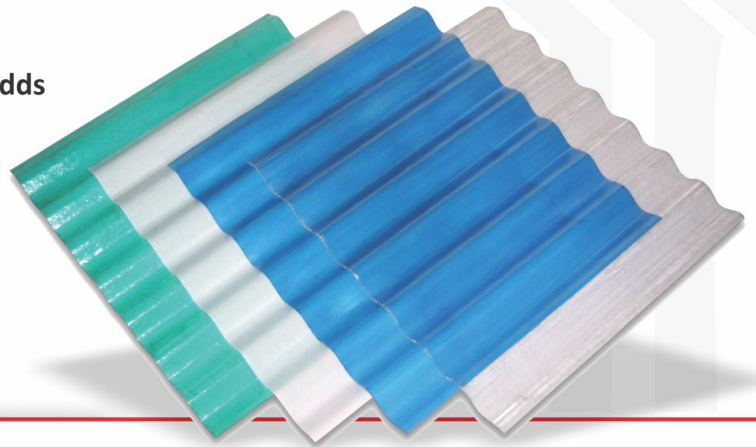
Z - Purlins

h	b	a	α
100-350	40-110	15-22	90°-135°
Thickness (mm.) - 1.5 to 3.1			



POLYCARBONATE & FRP SHEETS

- Our fiberglass roofing sheets are a great source of natural light
- This roofing is highly decorative and also adds beauty to the roof Rust proof
- Fire retardant
- Light in weight
- High tensile strength



VENTILATORS AND POLYCARBONATE BASE PLATE

Ventilators assure ventilation of air that helps in removing foul smell and maintaining hygienic environment. It provides fresh air and cooling environment throughout. They are most helpful in exhausting inside hot air and industrial emission without the help of exhaust fans, which save the cost of installation, and maintenance of exhaust fans.

FEATURES:

- Works without electricity
- Noise free
- Exhausts hot air from inside
- Exhausts inner dust and foul smell
- Provides safe, cool, and healthier environment

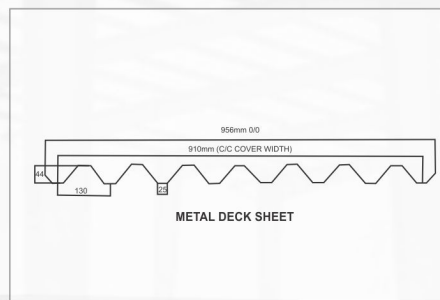
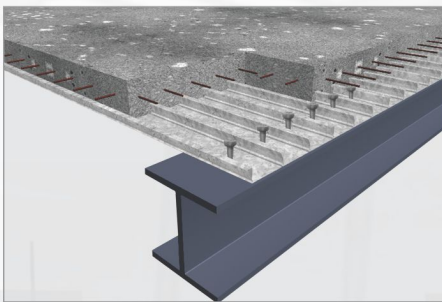


METAL DECK SHEET

Decking profile sheets are widely used for composite floor system and in many cases as the permanent form work. These sheets are used as the floor of high buildings by saving both the steel quantity and extra save cost.

FEATURES:

- Resistance to extreme weather including wind, rain, snow
- Anti-corrosion
- Flexible and easy to install
- Reduce the cost of materials as the heavy steel or cement is not required in huge quantity
- Excellent thermal insulation at various situations
- Have high loading capacity and can bear heavy loads for longer period of time
- Fireproof
- Excellent anti-earthquake capacity



CRIMPED CURVE SHEET

FEATURES

- Provides versatility and creativity
- Bring new and refreshing design to industrial and domestic buildings
- Eliminates use of many flashing/ capping
- Less cladding material required for covering a given curve



Round Crimp



Center Crimp



Eave Crimp

PROJECTS



Site - v, Greater Noida



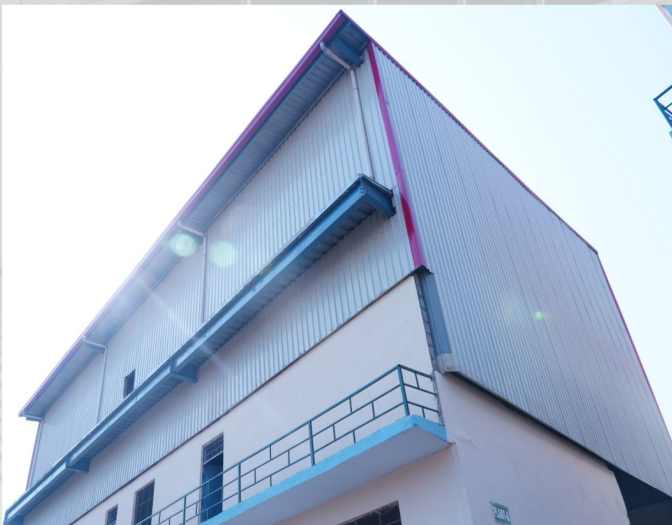
Greater Noida



Dadri



Greater Noida



Ghaziabad



Greater Noida



Noida

Noida



Ecotech - 1, Greater Noida



Ecotech - 1, Greater Noida



Noida



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