

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



**CASA**<sup>TM</sup>  
STEEL STRUCTURES

THE  
ULTIMATE  
SOLUTION  
FOR  
STEEL  
STRUCTURES



## WHO, WE ARE

Casa Steel Structures Founded in Calicut in the year 2009. With its valued multi-disciplinary human resources has established them selves as the benchmark in Structural works. With branches in Cochin, Chennai, Bangalore & Doha.

We offer solutions for commercial and non-commercial building structures. We have designed, fabricated and executed numerous prestigious projects, ranging from School atriums to large Warehouses. Expertise in modern structural concept, analysis and design engineering and Highly Skilled Professionals in Well-equipped Workshop with ever - increasing production capacity.

## OUR MISSION

We are a dedicated team striving to bring growth to our community, helping to maintain existing companies and assist our clients in making their dreams become a reality. Our mission is to provide services, modular in concept and should be tailored to the exact needs of each individual client. We have an unwavering commitment to honesty and integrity and always promote a seamless and positive experience with excellence and innovation. Our pledge is to establish lasting relationships with our customers by exceeding their expectations and gaining their trust through exceptional performance by every member of the construction team.

## OUR VISION

Our Vision to become a leader EPC solutions for Industrial and commercial projects. Globally with core values of providing the customers with high quality products at competitive prices, to make casa as pioneer in Turnkey solutions provider.





## QUALITY POLICY

- ◀ ON TIME
- ◀ MAINTAIN HIGH STANDARD OF QUALITY
- ◀ MEET THE CUSTOMER REQUIREMENTS
- ◀ CONTINUAL IMPROVEMENT BY ADOPTING INNOVATIVE IDEA'S WITH THE ACTIVE INVOLVEMENT OF ALL CONCERN

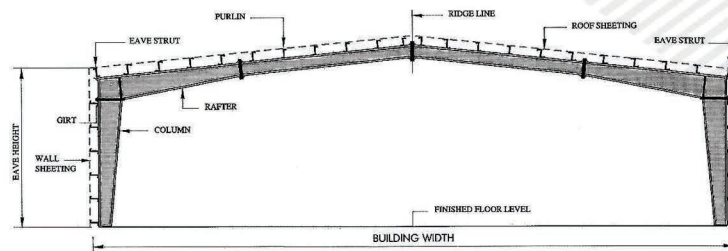
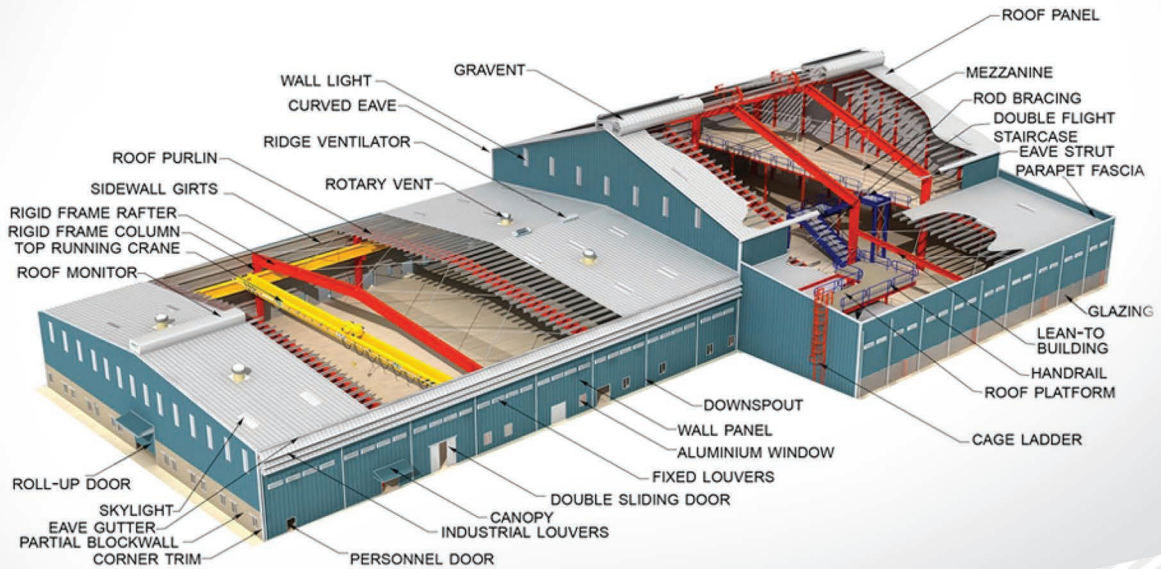
## OUR BUSINESS

- ◀ SPACE FRAMES
- ◀ MULTI STORIED STEEL BUILDINGS
- ◀ PRE ENGINEERED STEEL BUILDINGS
- ◀ CONVENTIONAL TRUSS WORKS
- ◀ STEEL FABRICATION AND ERECTION
- ◀ ARCH SPAN ROOFING
- ◀ TURNKEY PROJECTS
- ◀ TENSILE FABRICS

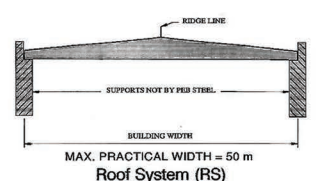
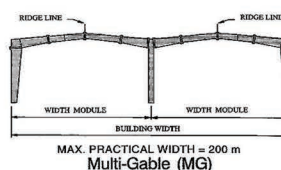
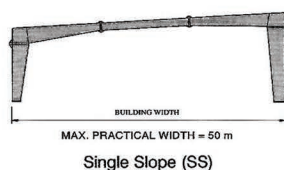
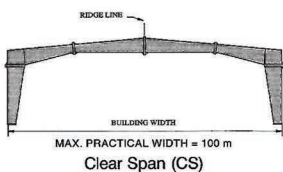
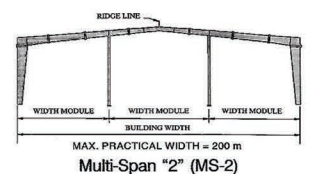
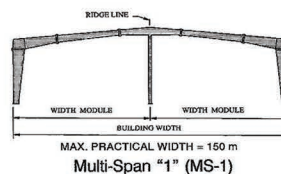
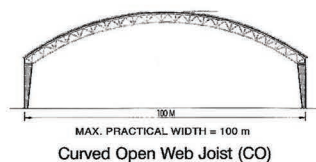
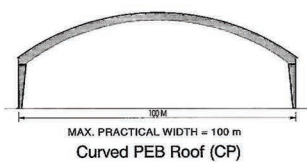


# MULTI STORIED STEEL BUILDINGS & PEB

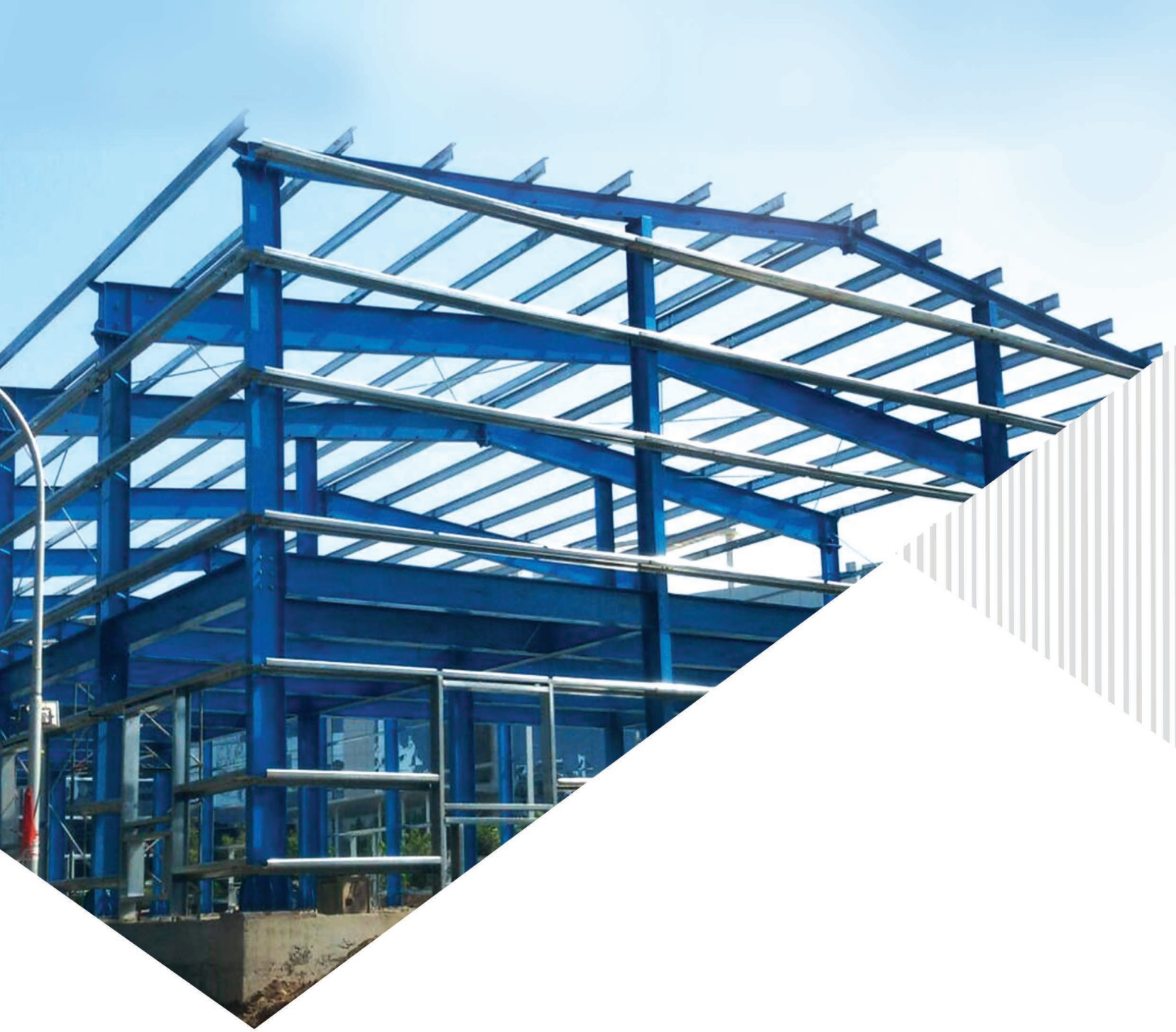
Pre Engineered Building can be as unique as customer needs. Pre Engineered buildings are the state of art steel solutions to develop an efficient and cost effective infrastructure. PEB's offer ultimate design flexibility and an extremely short constructions time. PEB's are supplied to site as fully finished products as structure. Only bolting connections required at site.



FRAME CROSS SECTION







# ADVANTAGES

- ◀ LOW INITIAL COST COMPARATIVELY TO RCC WORK
- ◀ SUPERIOR PRODUCT QUALITY
- ◀ FAST CONSTRUCTION
- ◀ FUNCTIONAL VERSATILITY
- ◀ ARCHITECTURAL FLEXIBILITY
- ◀ LOW MAINTENANCE COSTS





# SPACE FRAMES

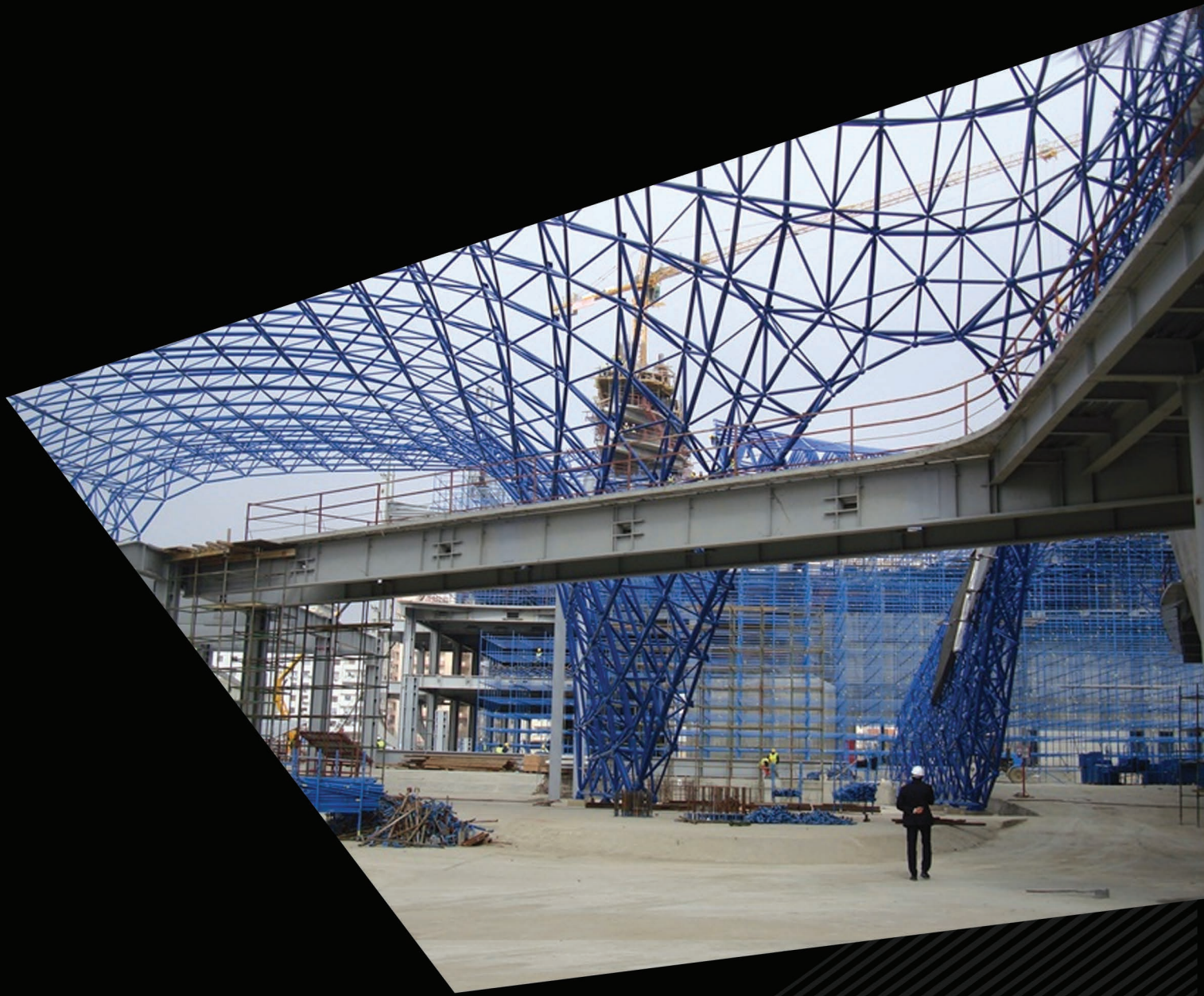
The space frame is one of the most important structural systems very often adopted in modern building of large dimensions. Among other structural systems the space frame has a few essential advantages.

One of those advantages is its lightness. The lightness of the structure is due mainly to the fact that material is distributed spatially in such a way that the load transfer mechanism is primarily axial, either tension or compression, so that in any given element all materials is fully utilized. In large - span roofs, where the self - weight of the structure constitutes an important part of the total load, the lightness of the constituent elements largely contributes to the rationality and economy of the whole building.

Another advantage of the space frame is that the production and construction techniques are industrialized to an extent much greater than is the case in conventional structural systems. The linear elements and the joints are both prefabricated, so that the jointing work at the site is relatively simple. The light weight of the individual elements also makes the handling and assembly work easier.

A space frame is sufficiently stiff in spite of its lightness. This is due to its three dimensional character and to the full participation of the constituent elements, which adapt themselves equally well to almost all types of loading.

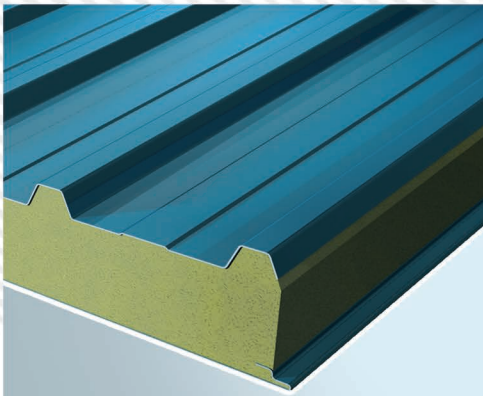




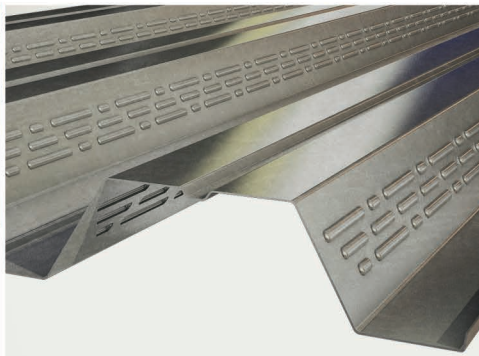
# ADVANTAGES

- LARGE SPANS AT LOWER HEIGHT
- FREEDOM OF DESIGN
- ELIMINATES REQUIREMENT OF MID-COLUMNS
- PROVIDING GEOMETRIC STABILITY
- HIGH LOAD BEARING CAPACITY
- LIGHT AND STRUCTURALLY EFFECTIVE
- COLUMN - FREE CLEAR SPANS
- LOAD SHARING BY THREE DIMENSIONAL ACTION
- PROVIDING MAXIMUM ACCURACY
- LESS TRANSPORTATION COST
- MINIMUM DEFLECTION
- ANY STRUCTURE, SHAPE, SPAN & LOADING
- OPTIMIZED MINIMUM MASS DESIGN

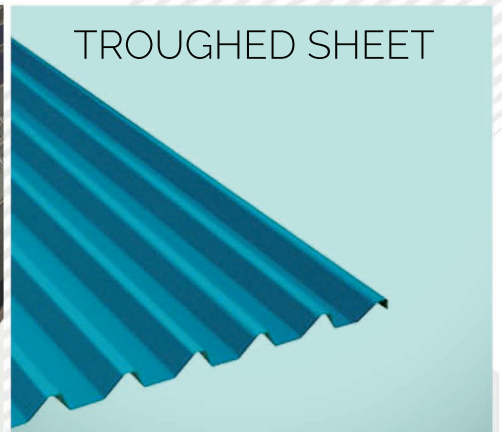




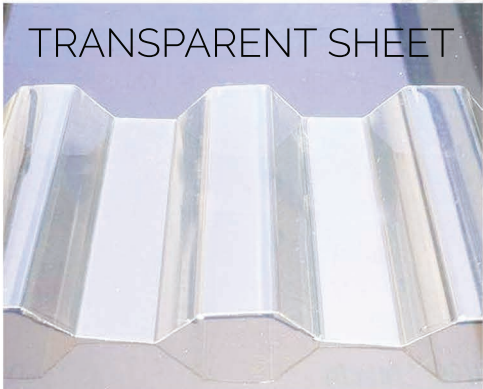
SANDWITCH SHEET



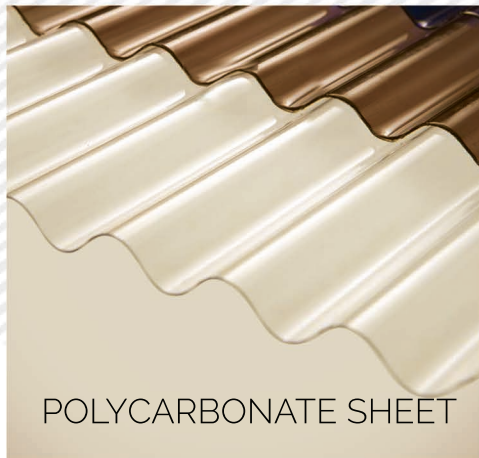
DECKING SHEET



TROUGHED SHEET



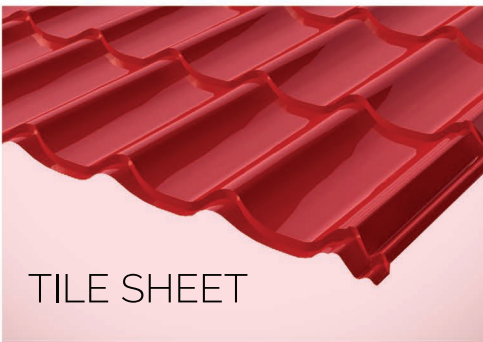
TRANSPARENT SHEET



POLYCARBONATE SHEET



TURBO VENTILATORS



TILE SHEET



THERMAL INSULATION



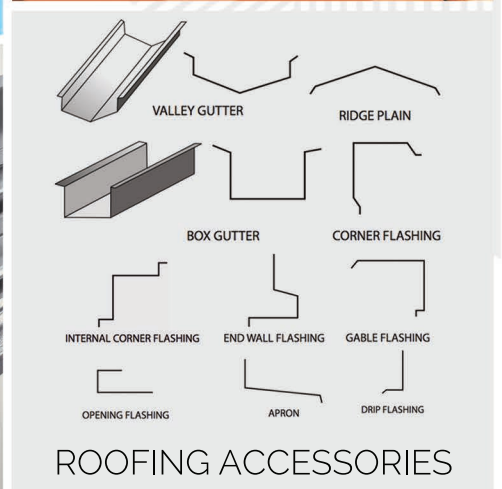
FASTENERS



LOUVERS



Z & C PURLINES



ROOFING ACCESSORIES

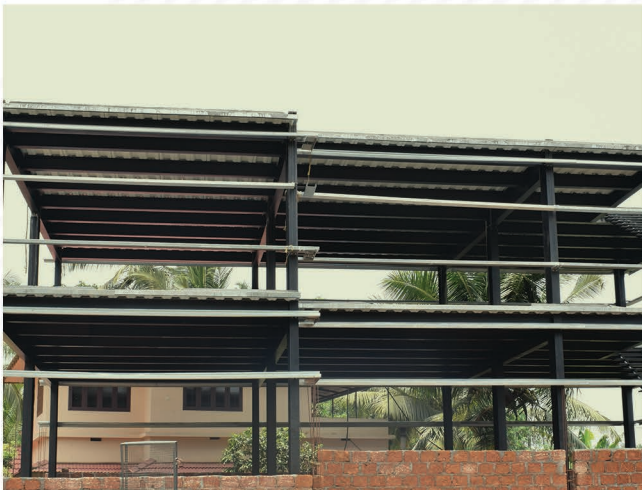


CEMENT FIBRE BOARD



PARTITION MATERIALS













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KERALA • TAMIL NADU • KARNATAKA • QATAR

## CORPORATE OFFICE

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**CHENNAI** : Old No.3/New No.5, North Usman Road, T.Nagar, Chennai-600017.

**DOHA** : Fame Trading & Contracting W.L.L, Al wadeen Trading Centre,  
East Industrial Road, Ain Khaled, Show Room No:6, P.O Box: 82034, Doha, Qatar.