



Mahadev Profiles Pvt Ltd

SHAPING TOMORROW

We take pride in being your one-stop solution for all your industrial construction requirements.

ABOUT COMPANY

Mahadev Profiles Pvt Ltd, is a leading pre-engineered buildings manufacturing in India, has been design, manufacture, and supply custom pre-engineered metal buildings since 2007. Offering both standard and custom prefab buildings, we have completed over 700+ projects and established a strong presence across India. Our commitment to innovation is revolutionizing the industry. Join us in shaping the future skyline with prefabricated steel. We specialize in ensuring top-notch quality and efficiency at every stage of your project.



CONTACT US

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HOW WE STARTED

In 2007, Mahadev Profiles Pvt Ltd began its journey as part of the Mahadev Group of Enterprises. With a focus on innovation and quality, we quickly became a leading manufacturer of prefabricated steel structures. Over 700 projects later, our commitment to excellence remains unwavering. Operating from key hubs in Bengaluru, Chennai, Hyderabad, Vijayawada, and Vishakapatnam, we continue to shape the future of construction with steel, driven by our founding vision and dedication to customer satisfaction.



HOW WE WORK

At Mahadev Profiles Pvt Ltd, we prioritize close collaboration with our clients from start to finish. Through transparent communication, efficient processes, and expert craftsmanship, we deliver tailored Pre-Engineered Building solutions that exceed expectations.

ENGINEERING STRENGTH

Mahadev Profiles Pvt Ltd has expertise in innovating customized and economical designs.

Our team uses specialized design and detailing tools such as STAAD.PRO, METAL BUILDING SOFTWARE(MBS), TEKLA STRUCTURES, AUTOCAD.

Our expert design team consist of following international design codes IS 800:2007 (LSD), IS 800:1984 (WS), IS-875(All part), IS-1893:2016, IS-801-1975, AISC 360:2016 (ASD & LRFD), AISI S100:2016, BS 5950-1:2000, MBMA 2012 Etc...





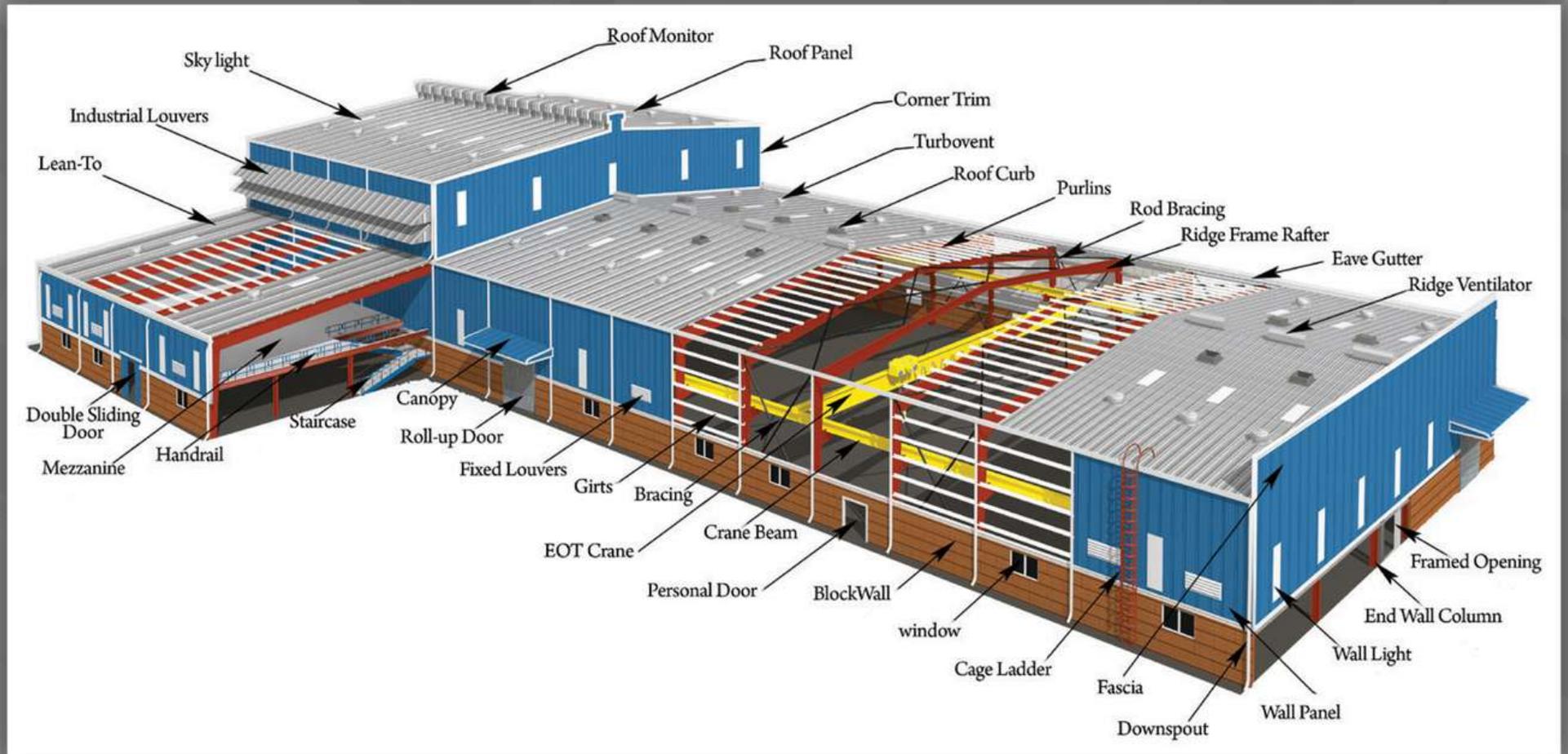
ABOUT THE PRODUCT

Pre-Engineered buildings (PEB) system mainly makes use of built-up sections, cold formed sections and as well as some hot rolled sections. **Mahadev Products Pvt Ltd**, customized to align precisely with your specific requirements. At **Mahadev Products Pvt Ltd.**, we specialize in the art of crafting PEB's that meet your exacting standards

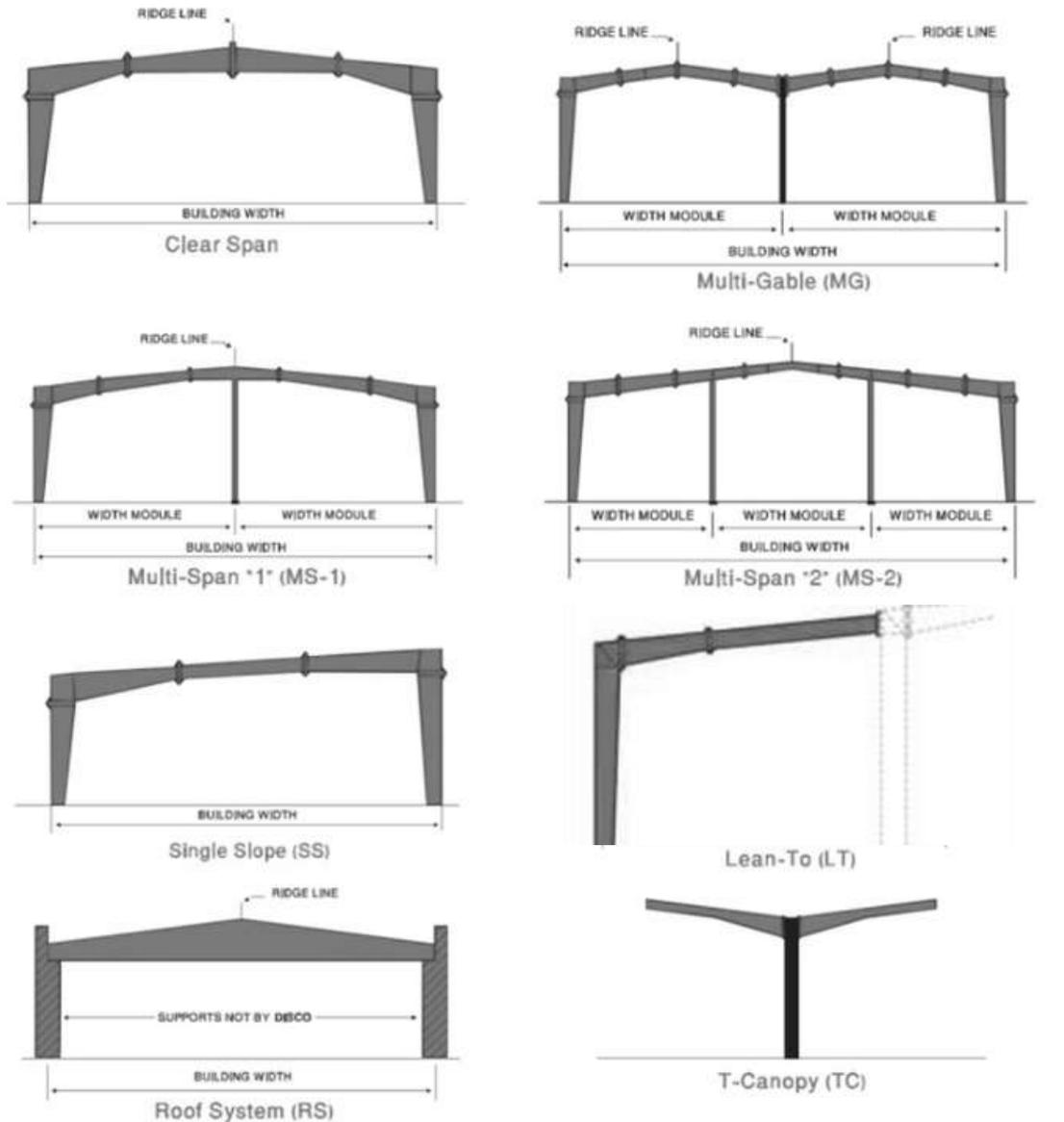
APPLICATIONS

- Warehouses
- Power Plants
- Factories
- Workshops
- Function Halls
- Auditoriums
- Parking Sheds
- Water Treatment Plants
- Scrapyards
- Petrol Pumps
- Multistory Shopping Malls
- Cold Storage Facilities
- Airport Hangars
- Exhibition Halls
- Pharmaceutical Industry Facilities
- Ceramic Factories
- Office Buildings

MAHADEV PROFILES PVT LTD ENSURES THAT EVERY PRE-ENGINEERED BUILDING SYSTEM EMBODIES STRENGTH, VALUE, AND STYLE.



PRIMARY FRAMING SYSTEMS



Primary Framing Elements:

- Intermediate frames
- Endwall frames
- Wind bracings
- Crane brackets
- Mezzanine beams and joists

Manufacturing and Construction:

- Precision engineering
- Bolted connections for easy assembly
- Load transfer to foundation
- Efficient construction process

Applications:

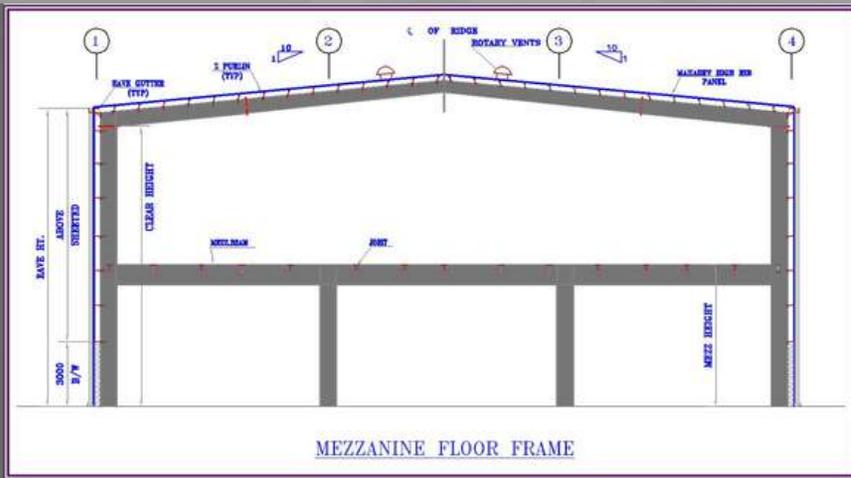
- Warehouses
- Factories
- Commercial buildings
- Industrial facilities



MEZZANINE FLOOR

Mezzanine floors are very common in pre-engineered buildings. A standard mezzanine system consists of profiled steel deck, mezzanine joists, built-up beams, and intermediate support columns.

Mezzanine beams span in lateral directions and mezzanine joists in longitudinal directions.



Mezzanines consist of various types of floors like concrete, checkered plate, gratings, and wooden, etc. The mezzanine floor serves various purposes such as storage space, office, shops, etc.



HIGH-RISE STEEL STRUCTURES

Mahadev Profiles Pvt Ltd specializes in high-rise steel structures, offering efficient, sustainable, and versatile solutions for modern construction projects. With rapid construction, design flexibility, and durability, our steel buildings find applications in shopping malls, hotels, residential apartments, commercial complexes, villas, and multi-level car parking facilities.

ADVANTAGES

- Cost-effective, rapid construction
- Strength and design flexibility
- Spacious interiors with wide spans
- Durability and safety
- Environmentally friendly
- Fire and earthquake resistance

APPLICATIONS

- Shopping malls
- Hotels
- Residential apartments
- Commercial complexes
- Villas
- Multi-level car parking

MATERIALS AND SPECIFICATIONS

HOT ROLLED SECTIONS

Section Type	Usage	Specifications
I-SECTIONS	Rafter, Column, Portal Bracing, mezzanine Beam and joist	IS:2062 (E-250) Fy-240 N/mm ²
TUBE	Rafter, Column, mezzanine Joist and Wall X-Bracing	IS:1161 & IS:3601 Fy-240 N/mm ²
CHANNEL	Rafter, Column, mezzanine Beam and joist	IS:2062 (E-250) Fy-240 N/mm ²
ANGLE	Flange Brace, Roof and Wall XBracing	IS-2062(E250-BR) ASTM 572 Fy-240 N/mm ²
PIPES	Pipe Struts and Wall X-Bracing	IS:1161 & IS:3601 Fy-240 N/mm ²
ROD	Roof and Wall X-Bracing and Sag rods	IS:2062 (E-250) Fy-240 N/mm ²

PLATES

Thickness	Usage	Specifications
4.0mm to 50.0mm	Rafter, Column and Portal Bracing Web and Flanges and Connection Plates	IS-2026 (E350) ASTM-A572 M, GRADE-50 Type-1 Fy-345 N/mm ² Fu-450 N/mm ²

BOLTS AND NUTS

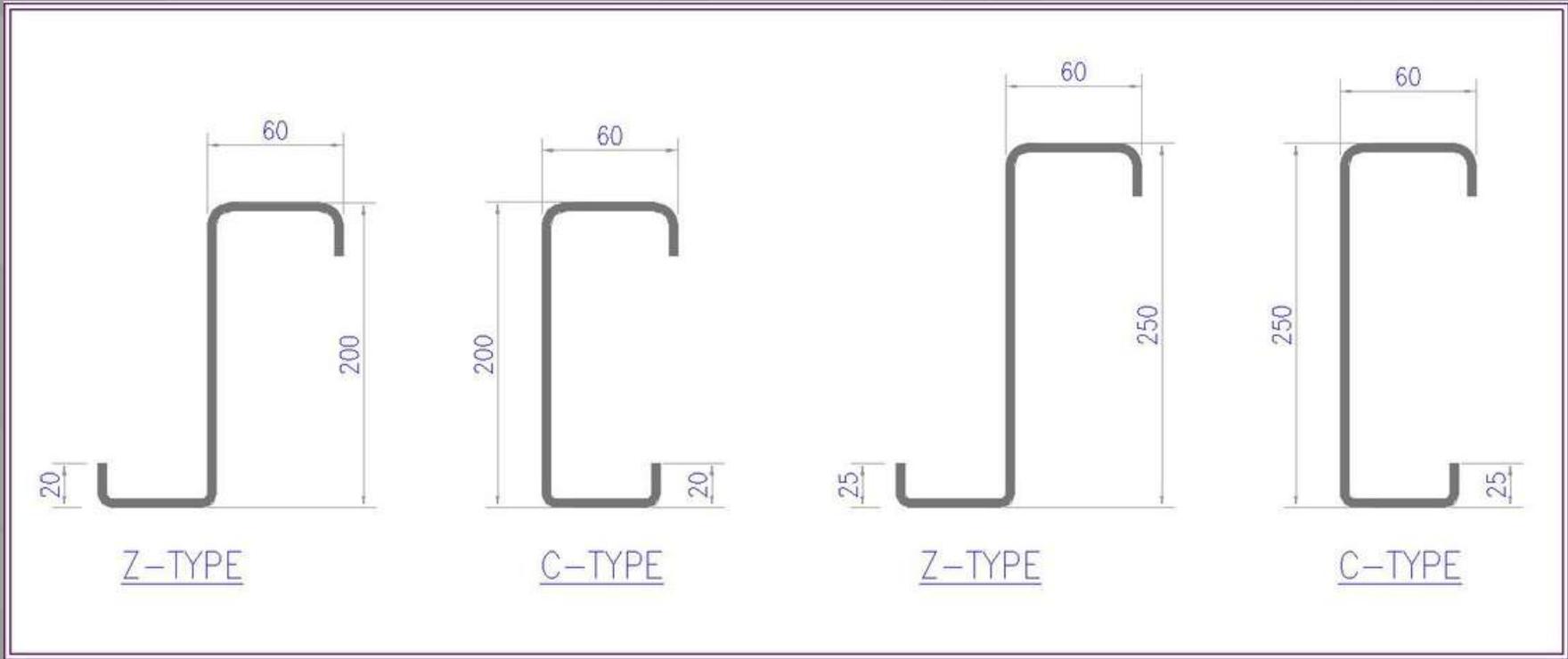
Type	Diameter	Usage	Specifications
ANCHOR BOLT	16mm,20mm,24mm,30mm, 36mm,40mm	Anchor bolts to Column, End column and Mezz Column	ASTM A-36 GRADE 4.6 Fu-400N/mm ²
MACHINE BOLTS	12mm	Connection of secondary members purlin& girts	DIN 933 GRADE 4.6 Fu-400N/mm ² Fully threatened Chromate
HIGH STRENGTH BOLTS	12mm,16mm,20mm,24mm,30mm, 36mm,40mm	Connection of Primary members Column to Rafter, Rafter to Rafter and Bracings	ASTM A-325 GRADE 8.8 or 10.6 Fu-800N/mm ²
NUTS	12mm,16mm,20mm,24mm,30mm, 36mm,40mm	Anchor bolts, HS bolts	ASTM A-563M HS bolts DIN 934 Anchor & machine bolts Fu-800N/mm ²

SECONDARY FRAMING SYSTEMS

FRAMING COMPONENTS

- **Roof Purlins:** Cold-formed Z profiles, 200-250 mm deep, 1.5-2.5mm thick steel. Fixed to rafters with clips, providing continuous beam action.
- **Wall Girts:** Cold-formed Z sections, 200-250 mm deep, 1.5-2.5mm thick steel. Fixed to outer flange of side wall columns, with two fixation methods for continuous beam action.
- **Eave Struts:** C profiles or double Z profiles, 200-250 mm deep, 2-2.5mm thick steel. Fixed to outer flange of side wall columns using clips.

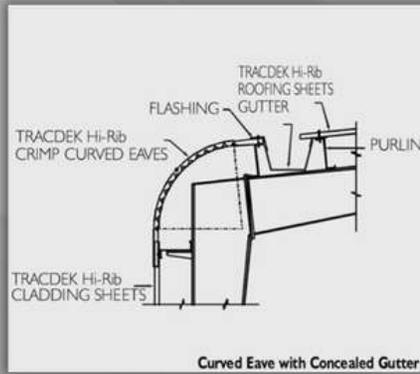




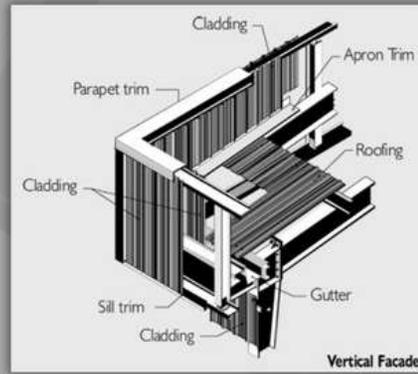
COLDFORMED SECTIONS

Coil Type	Section Size	Usage	Specifications
Black	200Z1.5,200Z1.75,200Z2.0,200Z2.5, 250Z1.5,250Z1.75,250Z2.0,250Z2.5	Roof Purlin , Wall Girts ,Eave Struts and Framed Openings	IS:2062 ASTM-A607, GRADE-50 Fy-345 N/mm ²
Galvanized Coil	200Z1.5,200Z1.75,200Z2.0,200Z2.5, 250Z1.5,250Z1.75,250Z2.0,250Z2.5	Roof Purlin , Wall Girts ,Eave Struts and Framed Openings	IS:277 ASTM-A653 , GRADE-50 Galvanized Fy-345 N/mm ²

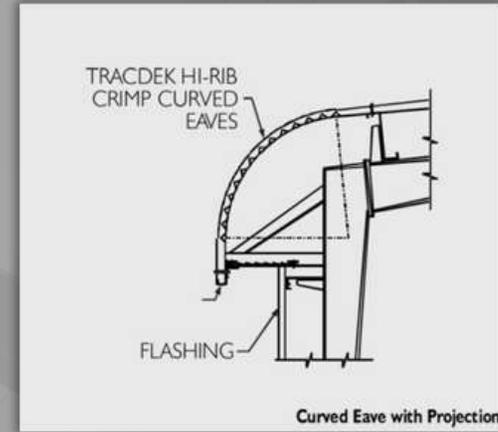
EAVES & GABLE



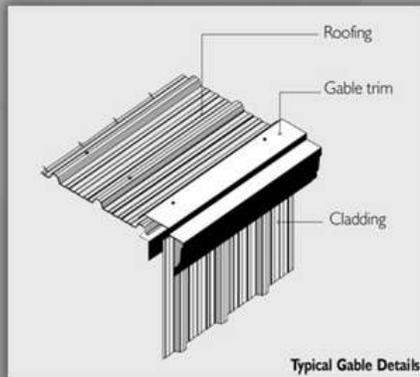
Curved Eave with Concealed Gutter



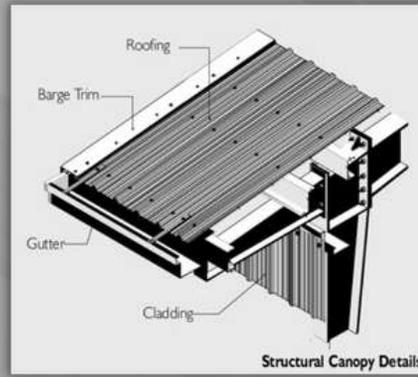
Vertical Facade



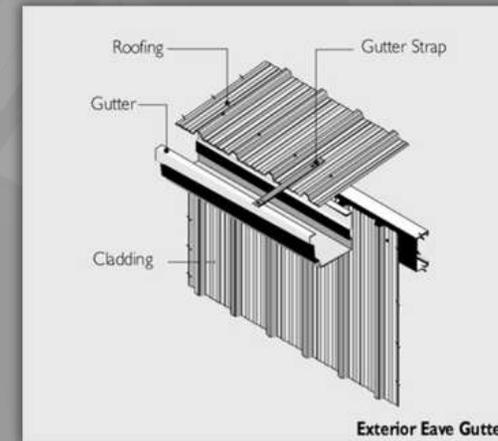
Curved Eave with Projection



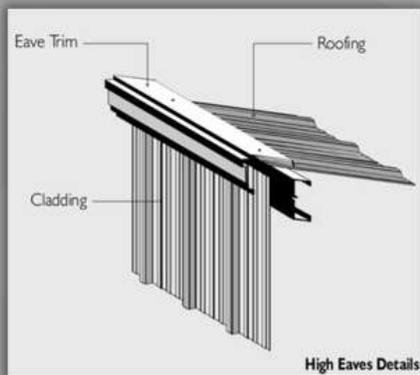
Typical Gable Details



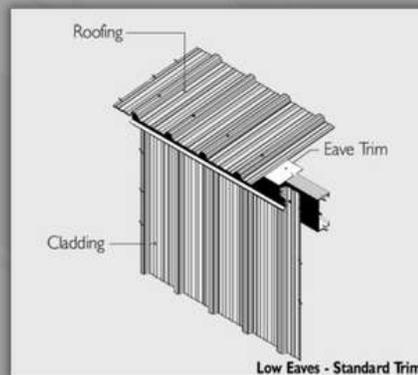
Structural Canopy Details



Exterior Eave Gutter

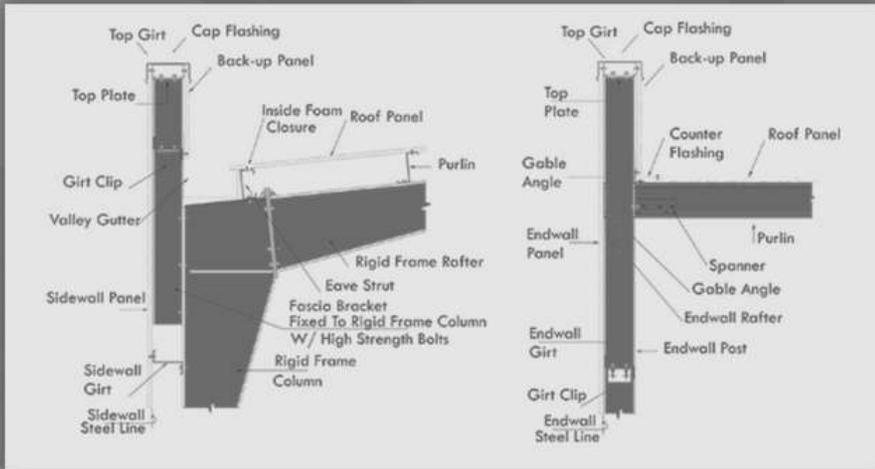


High Eaves Details



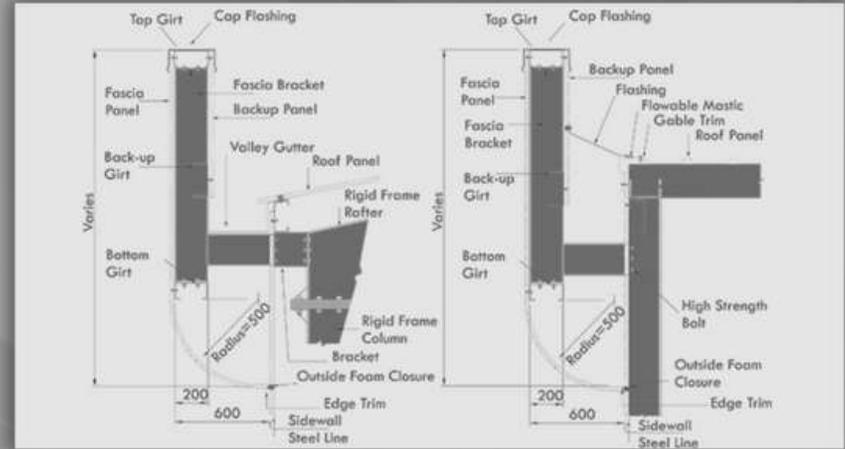
Low Eaves - Standard Trim

FASCIA SYSTEMS



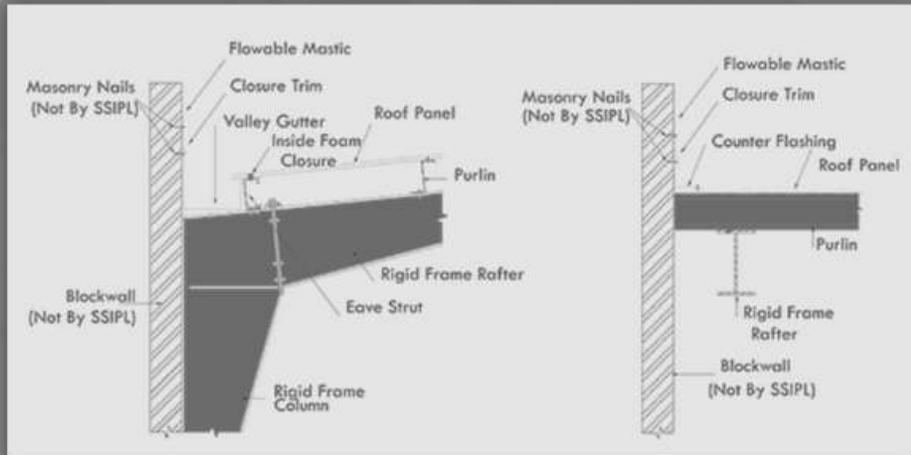
Typical sidewall section for flush fascia

Typical end wall section for flush fascia



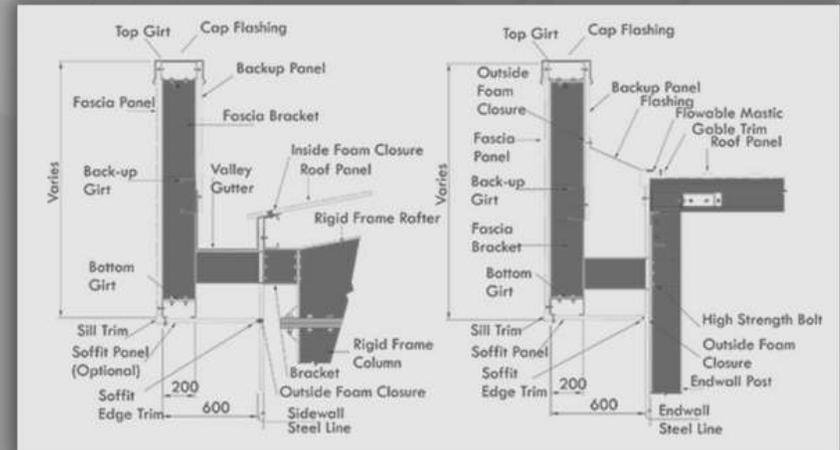
Typical sidewall section

Typical end wall section



Typical sidewall section flushed fascia with box gutter

Typical end wall section flushed fascia with box gutter

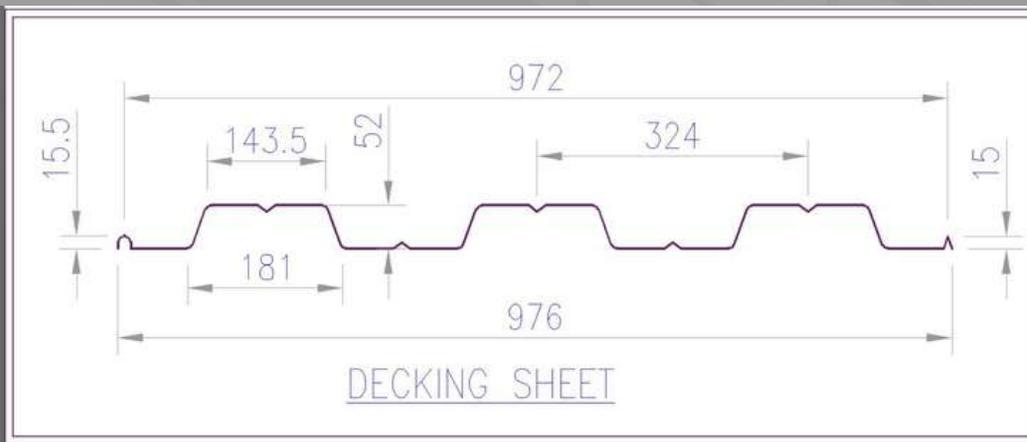
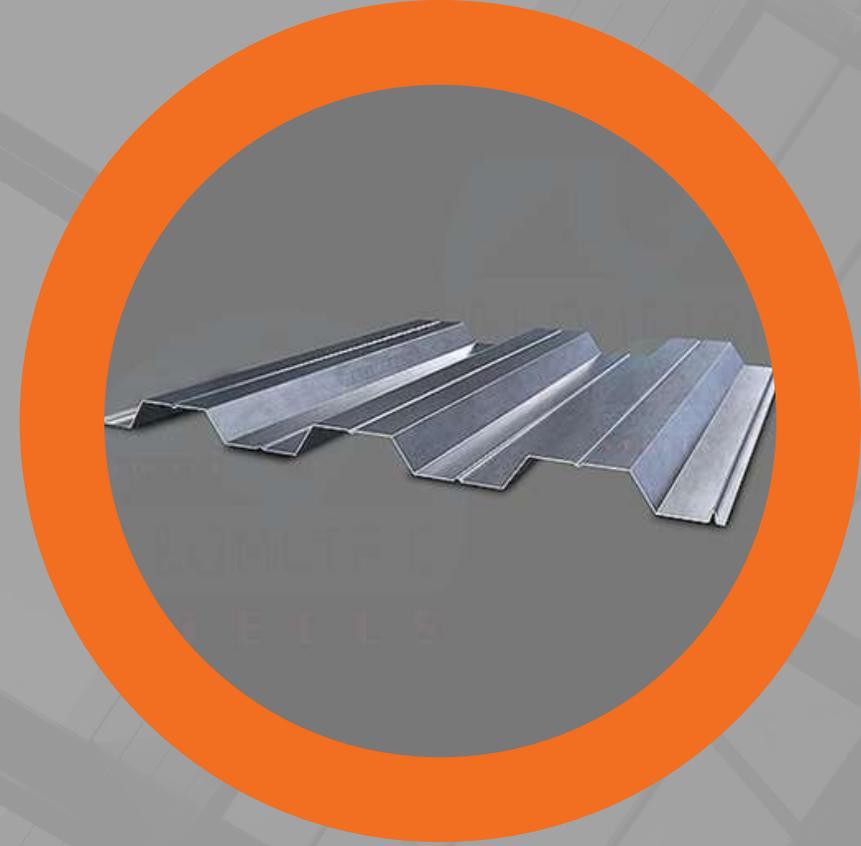


Typical sidewall section

Typical end wall section

DECK SHEETS

Our steel deck offers unparalleled advantages for Pre Engineered Buildings (PEBs), ensuring strength, safety, and sustainability. With quick installation, fire resistance, and versatility, our steel deck elevates your construction projects to new heights. Choose Mahadev Profiles Pvt Ltd for superior quality and performance.

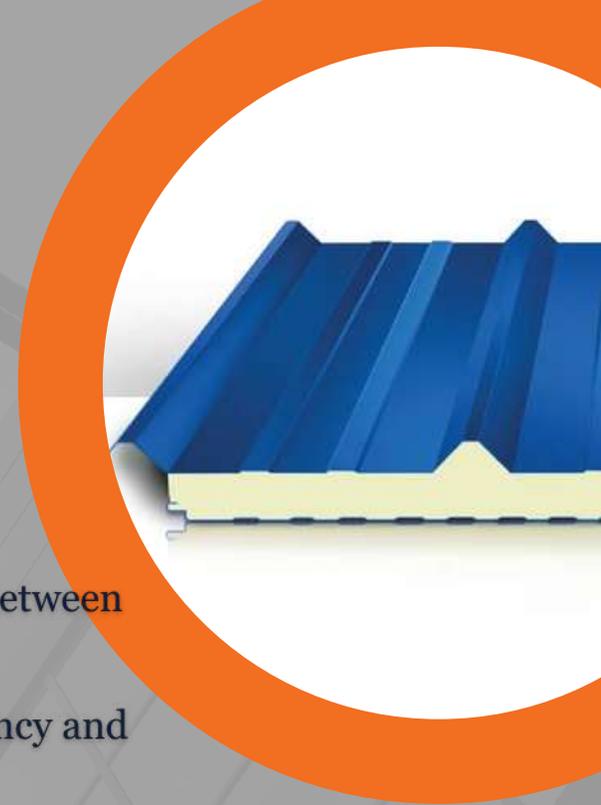


ADVANTAGES

- **Structural Support:** Provides robust support and stability.
- **Quick Installation:** Speeds up construction process.
- **Fire Resistance:** Enhances safety.
- **Versatility:** Allows for flexible design options.
- **Corrosion Resistance:** Increases durability, reduces maintenance.
- **Energy Efficiency:** Improves thermal performance.
- **Sustainability:** Promotes green building practices.

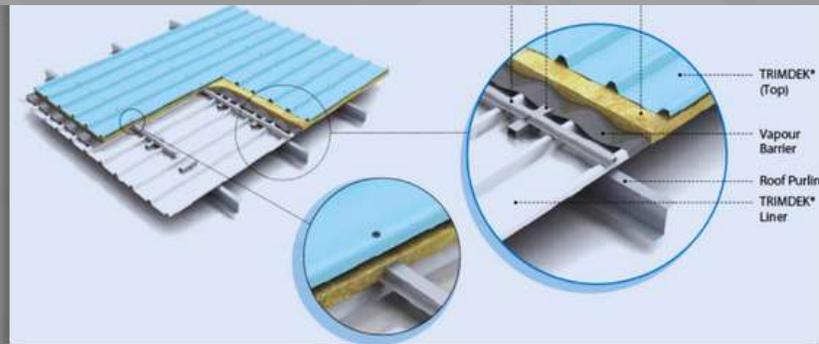
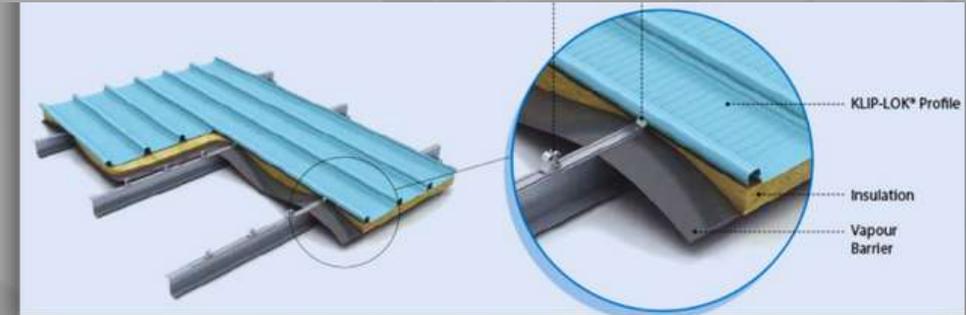
INSULATED ROOF AND WALL PANELS

- **Definition:** Versatile building materials with a core insulation layer between two metal sheets.
- **Insulation Properties:** Excellent thermal insulation for energy efficiency and cost savings.
- **Structural Integrity:** Lightweight yet strong, suitable for various construction applications.
- **Versatility:** Ideal for roofing, wall cladding, and insulation in industrial, commercial, and residential buildings.
- **Installation Efficiency:** Prefabricated panels for quick and easy installation, reducing construction time and labor costs.
- **Aesthetic Appeal:** Available in various colors and finishes to enhance building aesthetics.
- **Weather Resistance:** Provides protection against weather elements, ensuring long-term durability.



SINGLE-SKIN WITH INSULATION

Mahadev Profiles Pvt Ltd ensures optimal thermal performance with our single-skin method. By strategically installing roof and wall cladding with metal building insulation, we guarantee energy efficiency. Utilizing high-quality materials like Mahadev Hi-Rib panel, we prioritize durability and aesthetic appeal, maintaining a clean interior environment.



DOUBLE-SKIN INSULATION

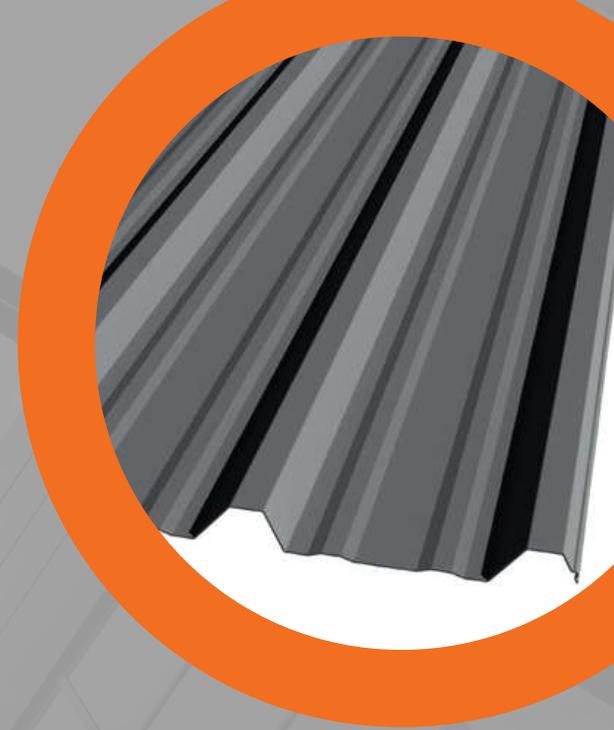
Experience enhanced insulation efficiency with Mahadev Profiles Pvt Ltd's double-skin technique. We securely fasten internal liner panels and lay metal building roll-insulation over sub-girts, ensuring superior thermal performance. Trust us for efficient and customized double-skin insulated construction solutions.

ROOF AND WALL SHEETS

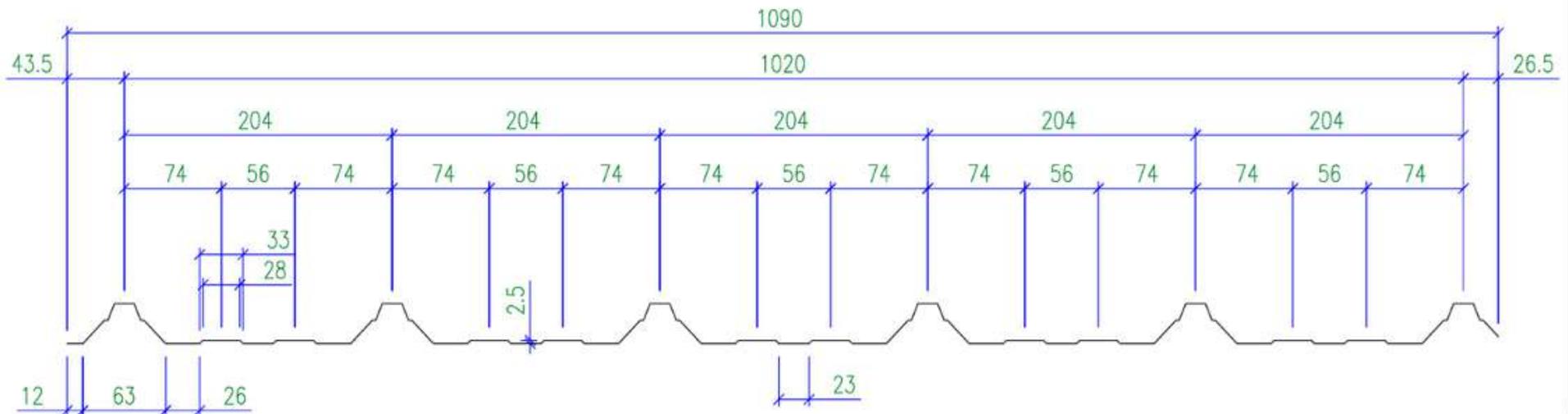
Roof and wall panels are vital in Pre Engineered Buildings (PEB), serving for sheeting and cladding. Made from ribbed steel sheets, they offer durability and structural strength.

Panel thickness varies from 0.47mm to 0.55mm, chosen based on project needs. Coated with zinc-aluminium for corrosion resistance, they endure diverse climates.

Color coatings like RMP/SMP enhance aesthetics and weather resistance. In summary, these panels provide strength, durability, and style for modern construction.



MAHADEV HIGH-RIB PANEL

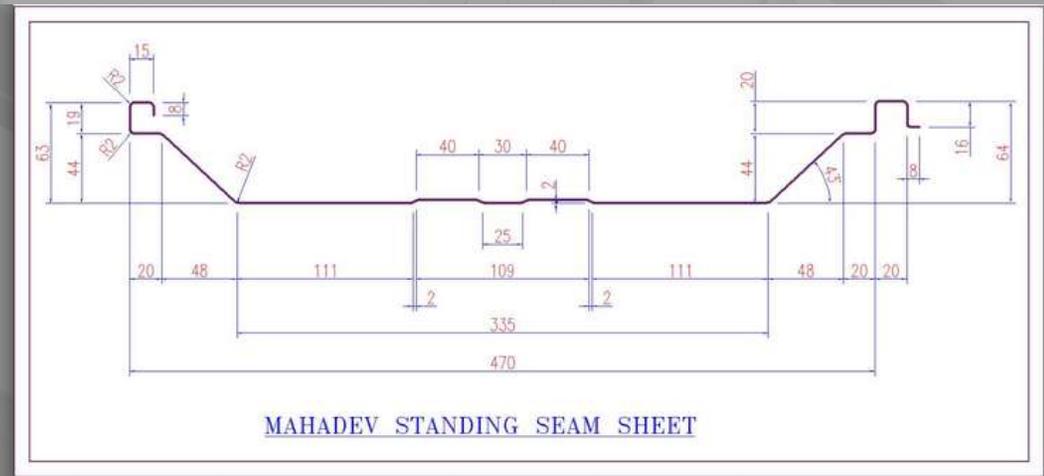
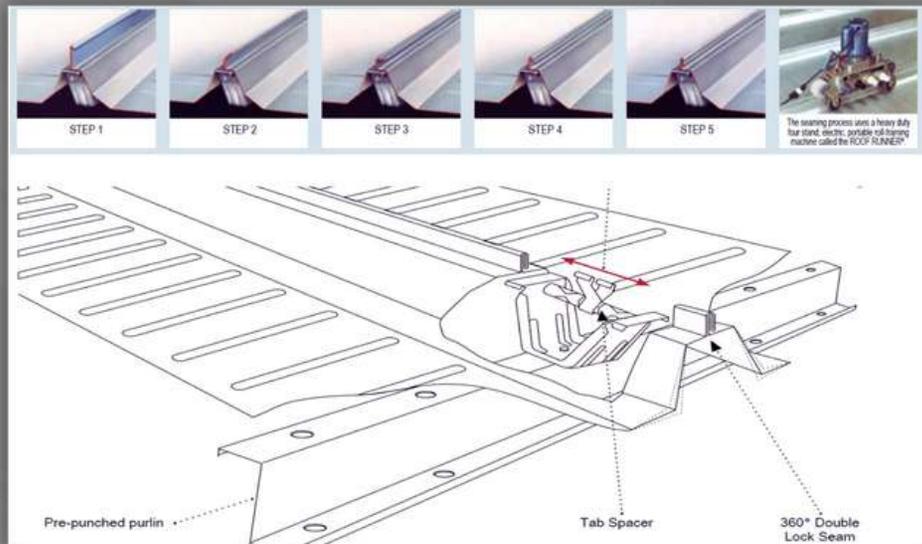


COLDFORMED SECTIONS

Section Type	Thickness	Usage	Specifications
BARE GALVALUME TRAPIZOIDAL SHEET(BG)	0.45mm,0.50mm,0.55mm,0.60mm,0.65mm	Roof , Wall, Trims and Partition	IS: 277 ASTM A-792 GRADE 80 Fu-550 N/mm ²
COLOUR GALVALUME TRAPIZOIDAL SHEET(PPGL)	0.45mm,0.50mm,0.55mm,0.60mm,0.65mm	Roof , Wall, Trims and Partition	IS: 277 ASTM A-792 GRADE 80 Fu-550 N/mm ²
STANDING SEAM SHEET	0.45mm,0.50mm,0.55mm,0.60mm,0.65mm	Roof	IS: 277 ASTM A-792 GRADE 80 Fu-550 N/mm ²
INSULATED PUFF PANEL	30mm,40mm,50mm,60mm,80mm,100mm,120mm,150mm	Roof ,Wall and Partition	IS: 277 ASTM A-792 GRADE 80 Fu-550 N/mm ²
DECKING SHEET	0.8mm,1mm,1.2mm,1.5mm	Mezzanine floor support	ASTM A-792 GRADE 50 Fu-340 N/mm ²
ROD	Roof and Wall X-Bracing and Sag rods		IS:2062 (E-250) Fy-250 N/mm ²
TRANSLUCENT SHEET(SKYLIGHTS)	2mm,4mm,6mm,8mm	Roof and wall	ASTM D-3841-86 Fu-103N/mm ²
CHECKERED PLATE	CHECKERED PLATE	Floor in Mezzanine, catwalk and platform	ASTM A-36 Fy-220 N/mm ²
GRATINGS	30mm,40mm,50mm,60mm	Floor in Mezzanine, catwalk and platform	ASTM A-36 Fy-220 N/mm ²

STANDING SEAM

Discover the perfect fusion of aesthetics and durability with our standing seam roof system. Blending the sleek elegance of architectural panels with the robustness of structural ones, our system ensures both style and strength. With excellent uplift ratings, your roof's reliability is guaranteed, even on slopes as low as 1:20.



Our standing seam roof system provides designers with a versatile tool to tackle any architectural challenge. Whether it's creating a modern skyline or preserving historical charm, our system offers the flexibility and reliability needed to bring your vision to life. Elevate your projects with our innovative roofing solution.

ACCESSORIES

Ridge vents are essential for temperature regulation in steel buildings, ensuring efficient air circulation. Mahadev Profiles Pvt Ltd specializes in providing quality ridge vents for maintaining a healthy indoor environment.

RIDGE VENT



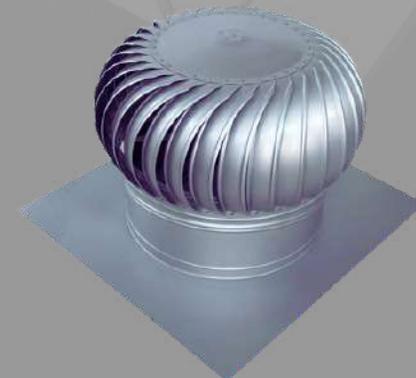
FIXED/S-TYPE LOUVERS



Louvers, featuring fixed or operable blades, play a key role in regulating airflow and keeping metal buildings free from dirt, water, and debris. Whether for ventilation or air exhaust, they ensure a clean, comfortable indoor environment while preserving structural integrity.

Turbo ventilators are robust devices engineered to combat challenging atmospheric conditions, especially industrial smoke. These units perform a dual function by effectively removing industrial pollutants while promoting uninterrupted air circulation within the building. Here are the primary benefits of incorporating Turbo Ventilators

TURBO VENTILATOR



QUALITY

Quality is the hallmark of Mahadev Profiles Pvt Ltd products. The Mahadev Profiles Pvt Ltd Brand is respected in the market by virtue of the inherent quality, reliability and dependability of its products and the reputation built over 17 years.

The company has in place, an exhaustive Quality Management System and all products meet national and international standard requirements to deliver consistent quality to its customers.

Mahadev Profiles Pvt Ltd ensures full traceability of all materials used in the manufacturing process and has ongoing training and skill improvement programmes in place, at all levels of the organisation, to help deliver an outstanding customer experience.

Mahadev Profiles Pvt Ltd's project quality department ensures end-to-end quality for its buildings during execution and completion.





LOGISTICS AND DELIVERY

Over the years, Mahadev Profiles Pvt Ltd has diligently cultivated and nurtured a dedicated team of logistic partners. Selected based on rigorous criteria encompassing their vehicle fleet and support network capabilities, these partners form the backbone of our delivery system. Rigorous checks of trailer and transport vehicle quality precede every dispatch, ensuring punctual deliveries with minimal transit time.

Additionally, our commitment to transparency extends to our customers, who receive regular updates on vehicle tracking through daily emails. This seamless communication is facilitated by continuous coordination between our tracking office and vehicle drivers, leveraging mobile phones and sophisticated tracking systems. Furthermore, our adherence to stringent quality standards guarantees that materials arrive in pristine condition, bolstered by our comprehensive transit insurance coverage.



Storehouse Spectrum: A Visual Gallery



Celestial Canvases: Sky Gallery



Manufacturing Mosaics: A Visual Journey





Skyport Symphony: Crafting Airport Excellence



Elegance Unveiled: The Convention Hall Showcase





Mahadev Profiles Pvt Ltd

SHAPING TOMORROW

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