PARAMOUNT BUILDING SYSTEM

An ISO 9001 : 2015 Certified Company

INTRODUCING

WORLD CLASS PRE-ENGINEERED BUILDING

ROOFING & CLADDING SOLUTIONS

Profile

Paramount Building System introduces itself as one of the leading manufacturers, suppliers & contractors of Pre-Engineered Building / Pre-fabricated steel structure, metal roofing / wall cladding system, HI-rib / Klippon profiled sheets, PUF Insulated Sandwich Panels / Porta cabins, Z & C purlins, wind operated Turbo / Air-ventilator, Manglorian Tile roofing sheets, False ceiling and accessories like :- welded wire mesh, mineral wool insulation (Glasswool & Rockwool), foam filler etc.

Application Areas: Factories, Ware house, Farm houses, Industrial sheds, offices, Parking sheds, Railway/Metro stations etc.

We always believe in manufacturing the best quality product line for this by using the purest and best quality raw material, which we always procure from the trusted vendors in the market. We always offer our client's the best product line to fulfill the needs and demands of our clients by offering them the best as per their requirement and under their budget also. Since our beginning, we are fully committed in offering the best quality product line for this in the market and because of our committed and trustworthy behavior our clients are also satisfied with the entire services provided by us.

We specialize in Pre-Engineered Metal Building Systems Design, Engineering, Fabrication and Erection. The design and detailing work on Pre Engineered Building is carried out by our highly skilled engineering teams by utilizing fully optimized techniques and without compromising on quality.

ADVANTAGES OF PRE – ENGINEERED BUILDINGS.

- ♦ Aesthetically & Economical.
- ♦ Flexible design for maximum utilization of interior space.
- ♦ Seismic resistant.
- ♦ Expansion /modification and relocation can be done.
- ♦ Maintenance free, energy efficient & environment friendly
- ♦ Faster Installation.
- ♦ Quality control.
- ♦ Lower Cost.
- ♦ Single Sources Responsibility.
- ♦ Reduced construction time and fastest deliveries

Pre-Engineering Building-Aplication

Manufacturing

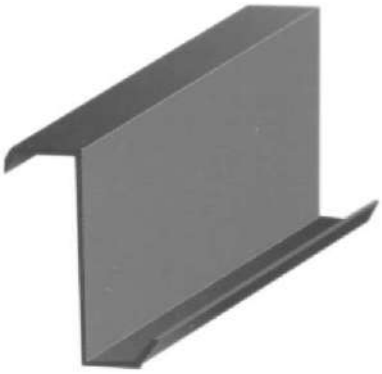
(a) Hi-Rib Colour Coated Profile Sheets
(b) Flashing & Trims
(c) Pre-Engineered Buildings
(d) Z Purlin
(e) C Purlin
(f) Poly Carbonate Roofing Sky Light Sheets
(g) FRP Sky Lights Profile Sheets
(h) Decking Sheets
(I) Klippon Sheets
(j) Turbo Ventilators
(k) Air Ventilation Louvers
(l) Sag Rods
(m) Clits
(n) Self Drilling Screw

Hi-Rib Colour Coated Profile Sheets

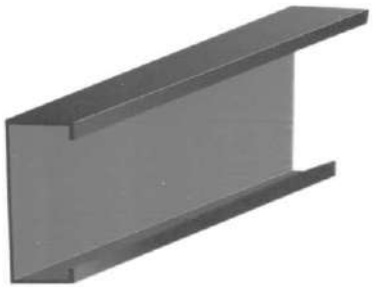
Pre-Enginneered Building

Technical & Material Specification of C & Z Purlin

Thickness	1.5mm to 3mm
Length	Upto 15000mm
Material	CR Steel as per IS:513 / H.R. steel as per IS:1079
	and galvanized steel as per IS:277
Yield Strength	245 MPA to 345 MPA
Type	Bare, Premier coated, Galvanized, Painted



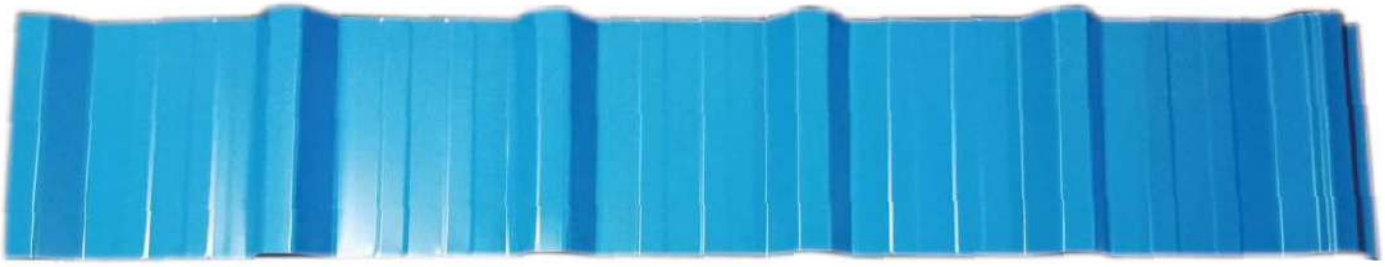
Z Purlin

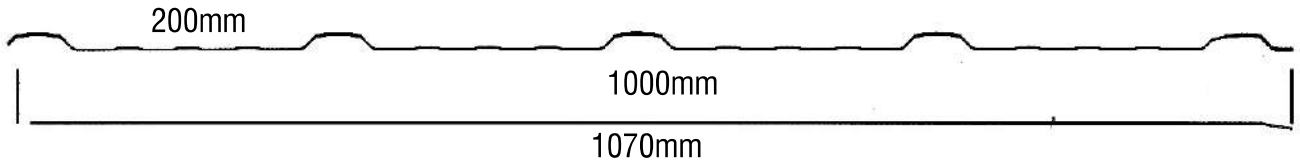


C Purlin

The production system deployed consists of international standard cold-roll forming technology. It uses high quality machines with on line measuring, cutting, punching and forming to provide assured dimensions and straightness and overall supreme quality product.

Profile Width





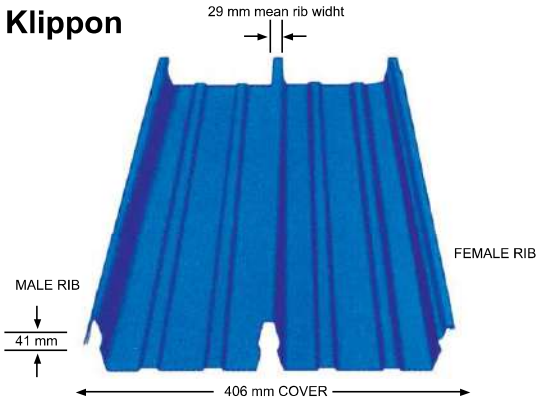
- Hi-Rib profiles is 1000mm wide coverage with 28-30mm deep ribs at 200mm centre to centre with two stiffeners in between the rib.
- Hi-Rib profile incorporates male/female ends with fill return leg & anti-capillary flute at side-lap thus ensuring leak proof sheeting capable of efficient water drain out.
- The profile is also available in crimp curve from the semi circular/arched roofing and flashings.

Covered Width	
Coil Input	1220mm
Supplied Width	1070 ± 10mm
Covered Width	1000 ± 10mm
Pitch	200mm
Crest Height	30 ± 2mm
Crest Width	25mm
Length As	As Required
No. of Profile	06
Thickness	.30 to .80mm

Pre-Painted Galvamune Steel (Base)	
Zinc Coating	AZ-70 to AZ-150 as per 1397
Primer Coat	5 Microns approx. / PV Both sides RMP (Regular Modified Polyester)
Polyesters	SMP (Silicon Modified Polyester) (Optional)
Painting Thickness (Top)	25 Microns
Painting Thickness (Bottom)	10 Microns
Surface Finish	Glossy Finish
Tensile Strength	ASTM A755, 345 MPA to 550 MPA

Klippon / Decking Steel Roofing Sheet

Klippon



Klippon Sheet

	TCT (mm)	Approx. Weight per Unit Area kg/m2
Bare Galvalume	0.47	5.2
Bare Galvalume	0.50	5.55
Colour Coated Galvalume	0.50	5.61

Klippon steel cladding is designed to be fastened to roof purlins or wall girts with fixing clips which are concealed during fixing and do not require any fastening holes through the steel sheets.

The clip for fastening Klippon steel cladding requires only two fasteners per clip and provides an easy, positive engagement in the ribs of the profile.

The two fasteners are inserted only through the two punched holes. Four dimples are also provided in the clip but these are for auxiliary fasteners only.

Because of the concealed clip fixing method, no fastening screws are visible and there is no screw penetration through the external sheeting. Concealed fixing also offers an advantage of security. Entry into the premises by unscrewing of roof and wall cladding sheets is not possible. Klippon can be used for roofing large span factories, warehouses, commercial, educational, institutional, domestic and recreational buildings.

Technical & Material Specification of Decking Sheet

Thickness	0.6mm to 1.8mm
Length	Upto 15000mm
Material	CR Steel as per IS:513 / H.R. steel as per IS:1079
	and galvanized steel as per IS:277
Yield Strength	245 MPA to 345 MPA
Type	Bare, Color coated, Galvanized, Painted

Roof Decking Profile can be used as composite floor system or as a permanent from work. The fast & simple installation of this high strength product. give immediate access to working platform and required no stripping after concrete curving. Coupled with nil or far less propping compared to shippable frame supports. Decking profile saves considerable constructing time which translates to savings in overall construction cost, site accessibility for trades & site safety.

Advantages:

- Tensile steel for composite slab construction that cuts down on slab thickness and dead weight of buildings
- No separate framework required for slab casting
- Reduces construction time

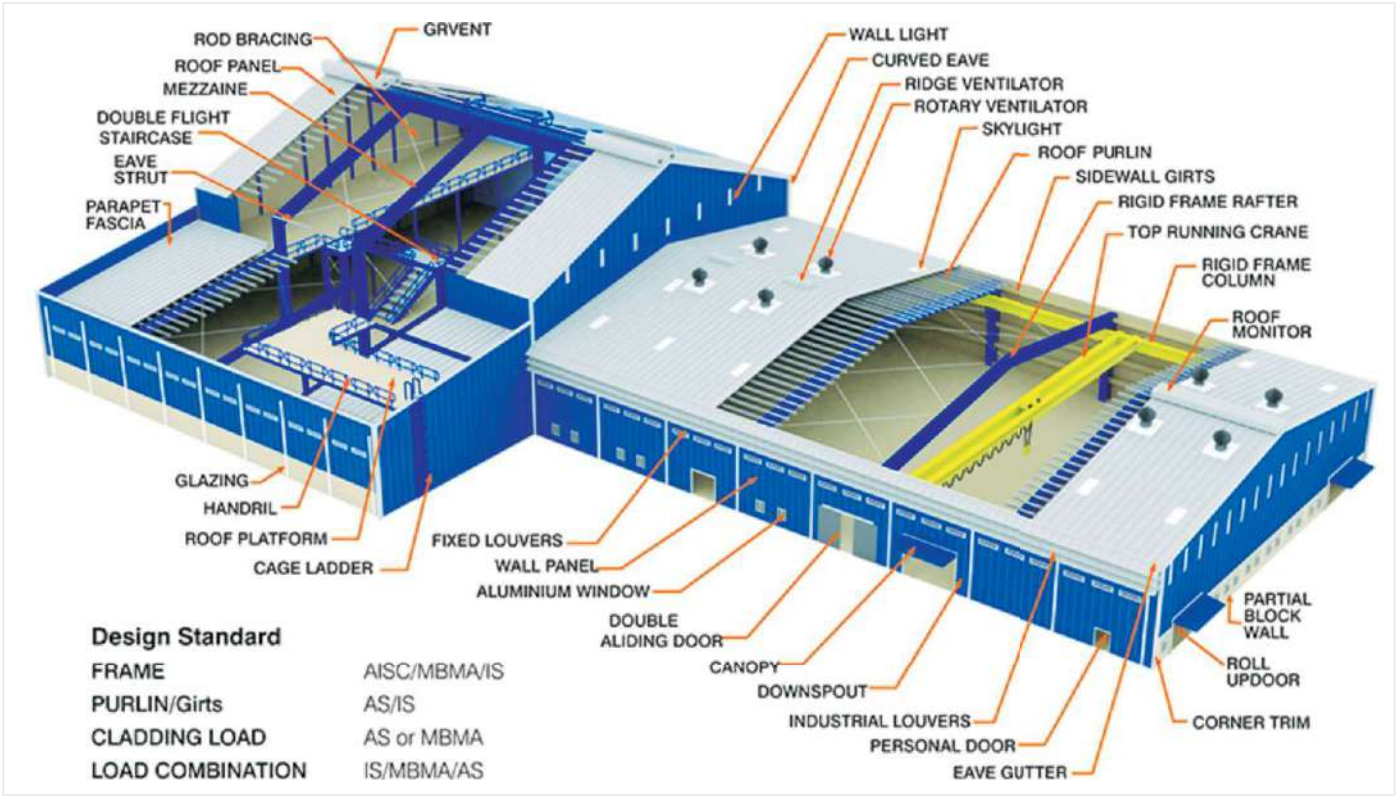
GALLERY
Pre Engineered Structure

Complete Pre Engineered Building

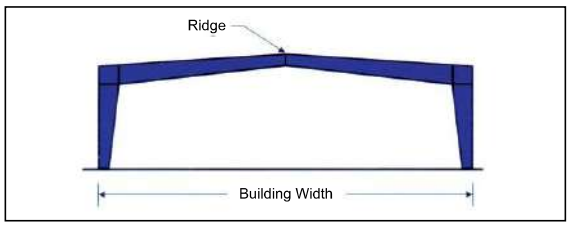
Pre Engineered Building

Tremendous growth/surge in the industrial sector has led to an increased demand for pre-engineered building. Paramount Building System is manufacturing pre-engineered building and designed to be created in shortest possible time. At our team of experts are engaged in designing, fabrication & installation of PEB. We offer comprehensive solution for all building needs. Almost care is taken to ensure high quality standard using testing quality steel source from premier producers only. Pre Engineering Building are the state of art steel solution to developing an efficient & cost effective infrastructure. PEB offer ultimate design flexibility and an extremely short construction time. They are supplied as a fully finished product along with steel structure, Roofing, Cladding and building accessories. They required no fabrication or welding they can simply be bolted together as pre specifications.

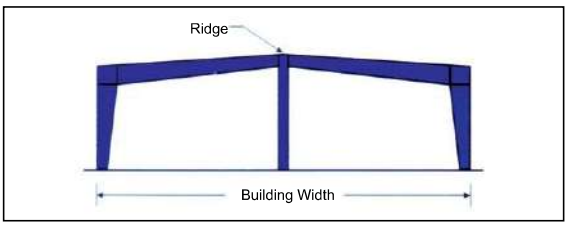
A pre-engineered building (PEB) is designed by a manufacturer to be fabricated using a pre-determined inventory of raw materials and manufacturing methods that can efficiently satisfy a wide range of structural and aesthetic design requirements. Within some geographic industry sectors these buildings are also called Pre-Engineered Metal Buildings (PEMB) or, as is becoming increasingly common due to the reduced amount of pre-engineering involved in custom computer-aided designs, simply Engineered Metal Buildings (EMB). In pre-engineered buildings, the I beams used are usually formed by welding together steel plates to form the I section. The I beams are Men field-assembled (e.g. bolted connections) to form the entire frame of the pre-engineered building. Cold formed Z- and C-shaped members may be used as secondary structural elements to fasten and support the external cladding. In order to accurately design a pre-engineered building, engineers consider the clear span between bearing points. bayspacing. roof slope. live loads, dead loads, collateral loads, wind uplift, deflection criteria, internal crane system and maximum practical size and weight of fabricated members.



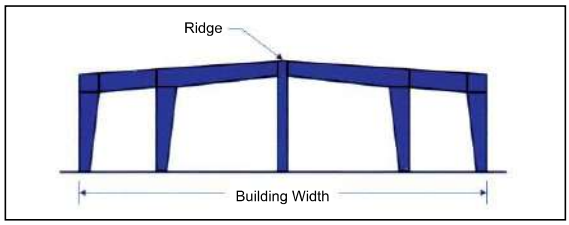
Pre Engineered Building Framing System



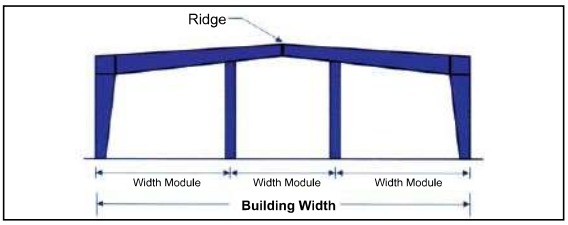
Clear Span



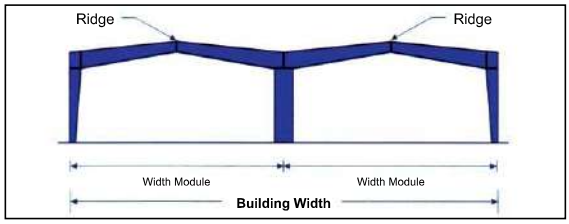
Multi Span “1”



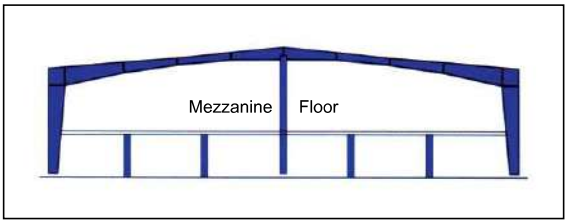
Multi Span “3”



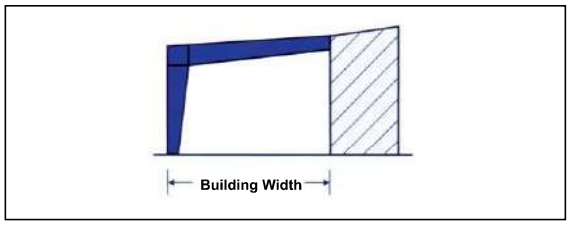
Multi Span “2”



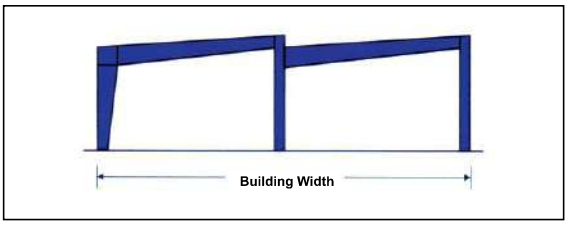
Multi Gable



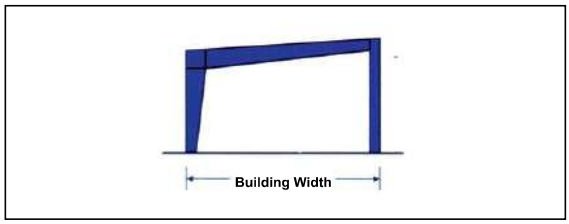
Mezzanine Floor



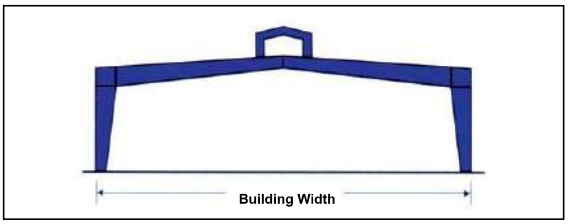
Lean To



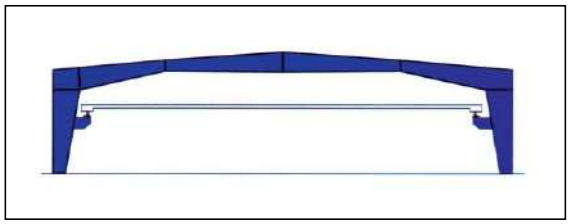
North Light



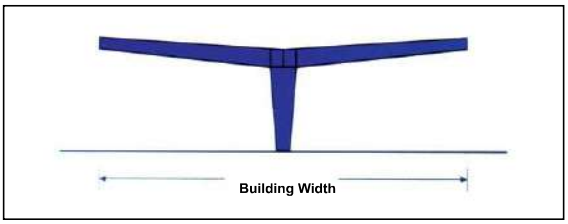
Mono Slope



Monitor Type



EOT Crane



Butterfly Canopy

Industrial Turbo Ventilator

No Operation Cost
Run on wind power
Weather & Storm proof
Adaptable to any roofing
Economical & Ecological
Maintenance Free
Optimum 28" diameter
No Noise

Base: FRP (Fibre Resin Plastic) base made from a Moulded Die, having the curves of cemented sheet, tin sheet, galvanized sheet, or sheet as per your profile.

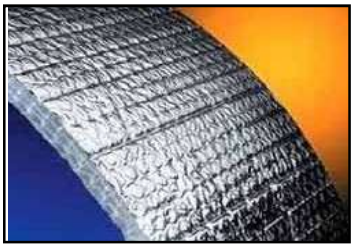
INDUSTRIAL AIR VENTILATOR SPECIFICATIONS

Size offered

Vents Size	Dome Size	Blades
21" DIA	28"	36 Blades
24" DIA	32"	42 Blades

Accessories

Bubble Insulation

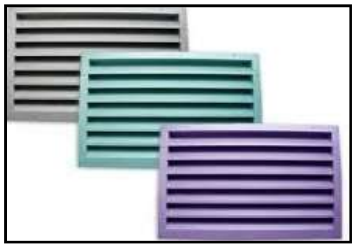


Used for control heat transfer from outside of building.

Glasswool Insulation

Used for control heat transfer from outside of building.

Louvers

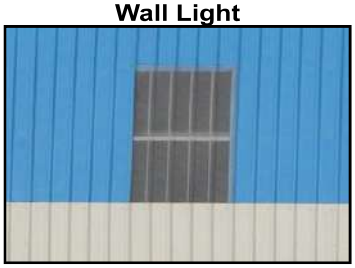


Its used for inlet air from wall side.

Skylight

Supply natural light from roof. It comes with POLYCARBONATE and FRP.

Wall Light



Supply natural light from roof. It comes with POLYCARBONATE and FRP.

Ridgevent

Used at center of sloped roof for ventilation purpose.

Hi-Rib Sheet

Roof and wall cladding manufacture by hi tensile material.

Standing Seam

With the help of seam clips roof sheet fixed to structure without punching it.

Turbovent

Used for ventilation powered by wind.

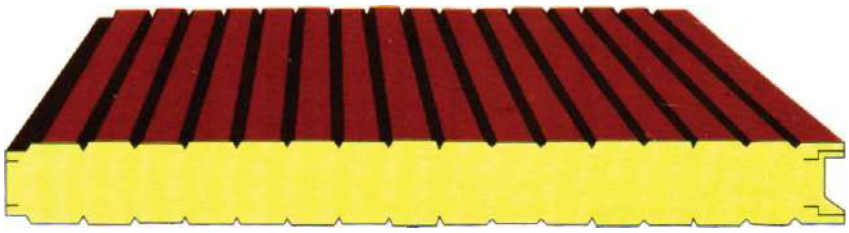
PUF Insulated Panels

Specifications

- Density: 40 ± 2Kg/m3 polyurethane PUF insulation.
- Insulation thickness : 40mm up to 200 mm to suit temperature range from -200A°C to 100A°C
- Outer metal skin: PPGI (Pre-Painted Galvanized steel) 0.6mm, Galvanized steel:0.6 mm & 0.5 mm, S.S., FRP, etc.

Wall Panel

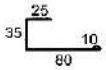
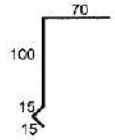
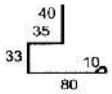
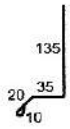
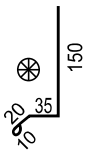
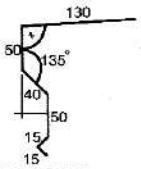
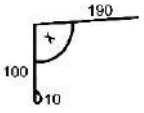
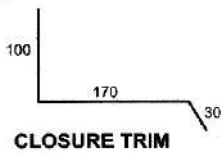
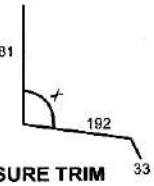
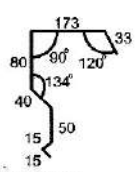
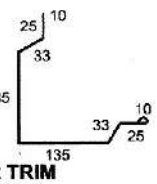
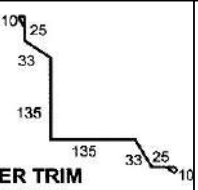
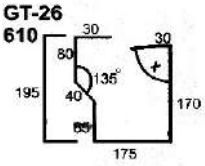
Consists of Polyurethane Insulated 40mm to 200 mm thick panels of PUF Density 40 ± 2Kg/m3. The individual panels will be firmly locked together by tongue & groove. The Panel shall have both side 0.5mm thick PPGI Sheet



ROOFING PANEL

Made out of Polyurethane Insulated 50mm+30mm Rib and 30mm+30mm Rib thick panel of PUF Density 40 ± 2Kg/m3. The Panel shall have both side 0.5mm thick PPGI Sheet.

Flashing & Trims

FT-01 150  JAMB TRIM	FT-02 200  BASE TRIM	FT-03 200  SILL TRIM	FT-04 200  HEAD TRIM
FT-05 205  DRIP TRIM	FT-06 300  EAVE TRIM	FT-07 300  GUTTER TRIM	FT-08 300  RIDGE TRIM (IN SIDE)
FT-09 300  CLOSURE TRIM	FT-10 406  CLOSURE TRIM	FT-11 610  RIDGE CAP	FT-12 406  SINGLE RIDGE CAP
FT-13 406  RAKE TRIM	FT-14 406  CORNER TRIM (EXTERNAL)	FT-15 406  CORNER TRIM (INTERNAL)	GT-26 610  GUTTER

PBS

PARAMOUNT BUILDING SYSTEM

Corporate Office
5B/7BP, 2nd Floor, Rly. Road, N.I.T. Faridabad (Haryana) 121001

Factory: Mustil No 64, Khasra No 11, 12, 19, 20,21 & 22, Piyala To Asawati Road, Silkari, Ballabgarh, Faridabad - 121004, Haryana

Phone No.: 0129-4016709, Mobile Phone:+91 9311096709, +91 9971067894, +91 9211859139

Email us at:- paramount.fbd@gmail.com, paramountroofingsystem@gmail.com

Website: www.paramountroofingsystem.com, www.prefabricatedbuildings.com