



# **DYNAMIC PRE-ENGINEERED BUILDING & ROOFING SYSTEMS**

- Pre-Engineered Building
- Roofing & Cladding Solutions
- Puf Panels & Thermal Insulation
- Re-Roofing on Existing Building
- Metal False Ceiling

**Dynamic Steel Building Products**

Website: [www.dynamicsteelbuilding.com](http://www.dynamicsteelbuilding.com)

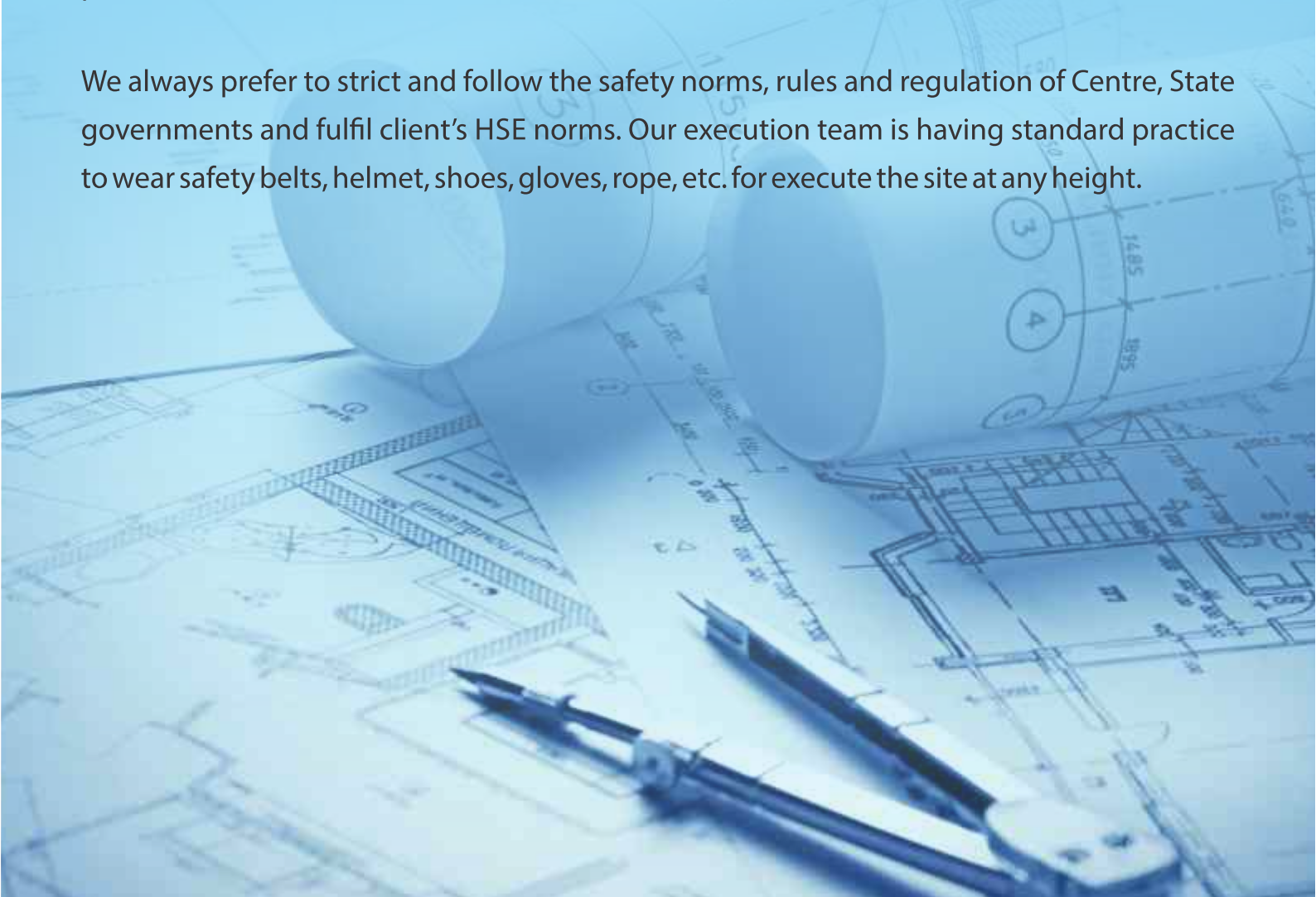
# ABOUT US

We "Dynamic Steel Building Products" introduce ourself as a company who engaged in Pre-Engineered Building, Metal Roofing & Cladding System, Pipe Portal Shed, Metal False Ceiling System, Turbo Ventilators, Z & C Purlins and other many products & services related to steel building materials.

"Dynamic Steel Building Products" has set-up to offer products & services to architects, consultants, engineers, contractors & projects. Today we are doing work of supply & installation of our products in fast growing segment of PEB industries having our own execution team for quality work to the clients.

"Dynamic Steel Building Products" is having variety of roofing & wall cladding products in different profiles, materials like Bare Galvalume, Colour Coated Galvalume, PPGL, etc. with the coating of AZ-150gsm, Z-120gsm confirming to International and Indian standards as per the recommendation of architects / consultants and colour choice of clients.

We always prefer to strict and follow the safety norms, rules and regulation of Centre, State governments and fulfil client's HSE norms. Our execution team is having standard practice to wear safety belts, helmet, shoes, gloves, rope, etc. for execute the site at any height.





# Dynamic Pre-Engineered Building

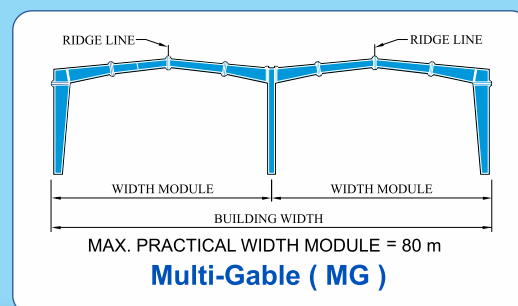
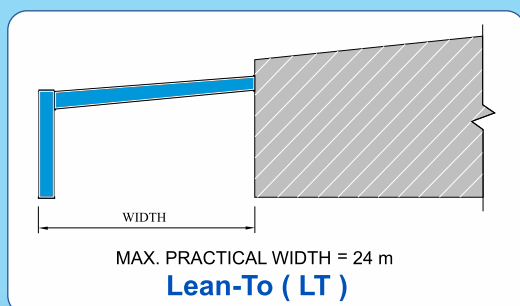
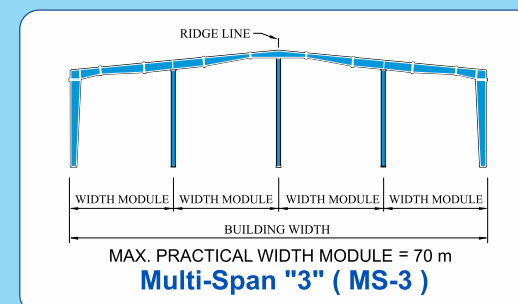
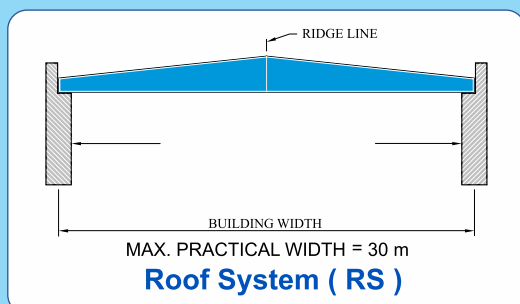
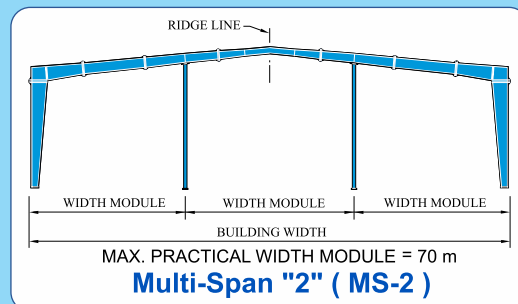
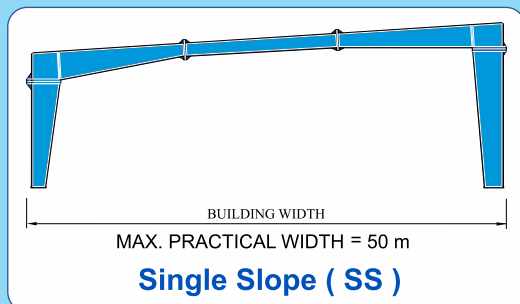
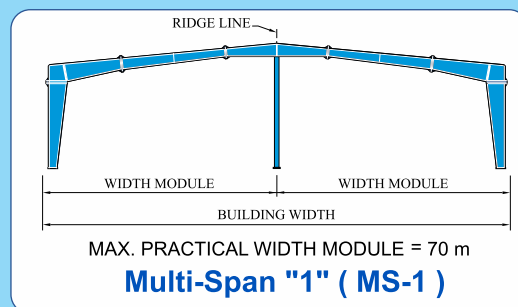
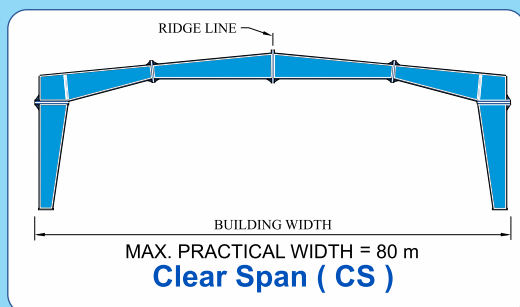
- Optimized design of steel thereby reducing costs, while meeting all design criteria requirements.
- Quality design, manufacturing and erection.
- Optimization in accordance with customer's requirements.
- Addition of canopies as a direct continuation of the roof line or at a lower level with positive or negative roof slopes.
- Addition of parapets, partially or completely around the building.
- No welding is required at site and hence it can be erected at difficult site where electricity is not available.
- These sheds can be resold if required and hence 80-90% cost of the shed may be recovered
- Dismantable and relocatable
- Aesthetically superior to any other conventional sheds with low maintenance cost



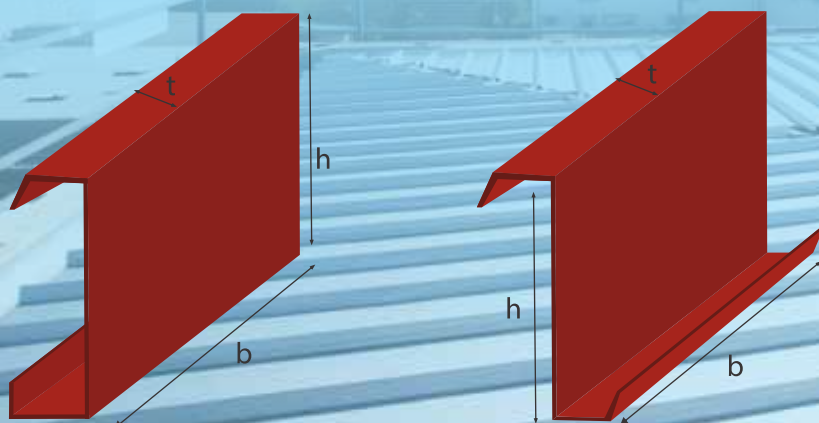
## Dynamic PEB Includes:

- All primary and secondary framing
- Choice of 3 wall systems
- Thermal or Acoustic insulation
- Integrated accessories
- All connections
- All fixings
- Linear panels
- Crane beams and rails
- Choice of 2 roof systems
- All sealants for weather-proofing
- Flashings
- Mezzanine floors

# Primary Framing Systems



## Z & C Purlins



Parameter	Dimension
Length	Customised/as per requirement
Web (h)	150-300
Flange (b)	50-85
Thickness (t)	1.75-3.00

All dimension are in mm

# High Quality Roofing & Cladding System

Dynamic Steel Building provides metal building systems in India and the product range includes metal roofing and cladding systems. Dynamic profiles are available in both ribbed and flat panels in a variety of finishes for attractive roofing and cladding for domestic, commercial and industrial applications.

## Material:

Dynamic profiles are available in the following materials:

- AZ-150gsm coated sheet with anti fingerprint coating (e.g. Galvalume®, Zinalume®, Aluzinc® etc.).
- Pre-painted galvalume and galvanized sheet, factory painted with polyester, silicon modified polyester (SMP) or fluorocarbon (PVDF) paint systems.

## Base Steel:

AZ-150gsm coated steel (Galvalume®, Zinalume®, Aluzinc® etc.) offering high corrosion resistance. This alloy coating comprises of 55% Aluminium, 43.50% Zinc & 1.5% Silicon which offers a superior barrier protection against coastal atmosphere condition. This coating class is AZ-150 as per AS : 1397 and ASTM A 792 / 755 which means 150gms/sqm minimum coating mass total of both sides.

## Yield Strength:

Dynamic Hi-Rib profile is made from 550 MPA grade steel substrate and Dynamic klippon is made from 275-340 MPA grade steel substrate.

## Galvanised Steel:

Dynamic profiles are also available in galvanized sheet steel (hot dipped Zinc coated) over mild steel in a coating mass range of 120-275 gms/sqm as per IS 277 and in tensile strength of 240 MPA.

## Paint Finish:

Pre-Painted steel is produced on modern, high-speed coil painting lines where the steel surface preparation prior to painting, paint application & paint curing is done on a highly automated line under optimum conditions. The paint is flexible to withstand deformation, yet tough enough to resist damage during fabrication.

## Standards:

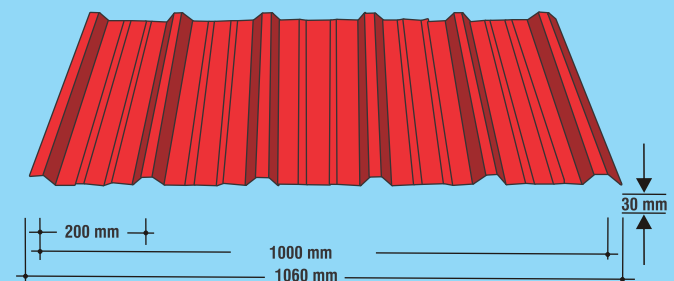
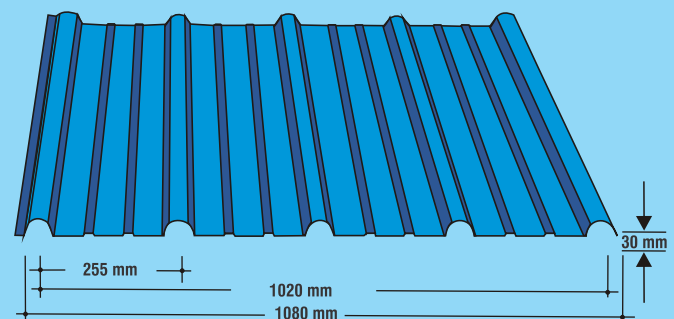
AS: 1397, IS: 513, IS: 277, ASTM A 792 / 755

## Crimp Curve:

Dynamic Hi-Rib profile is also available in concave & convex shapes to enhance building aesthetics.

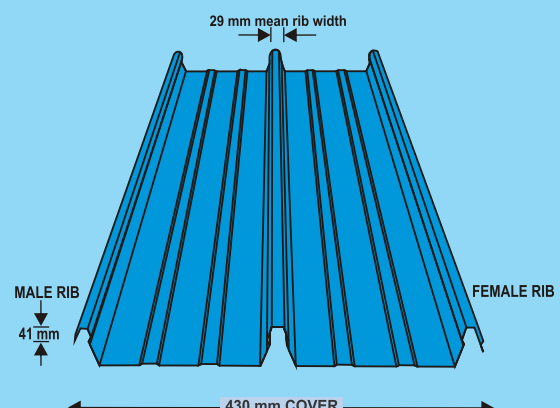
## Dynamic HI-Rib profile

Dynamic Hi-Rib Profile is developed to provide scientific solution for roof & side walls of industrial as well as commercial buildings. Dynamic Hi-Rib is provided with a precisely engineered wide Rib flute design to ensure wide spanning & quick recovery after being subjected to excessive loads.



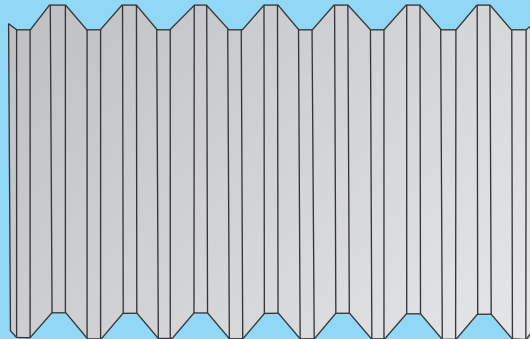
## Dynamic KLIPPON

Dynamic Klippon is stiffened trapezoidal profile with wide spanning capability. It is suitable for roofing application on very long roofs down to 2° pitch. It's bold profile and broad flat outline makes a strong and striking appearance.





## Dynamic Metal Decking



Parameter	Dimension
Trough Depth	44 mm
Pitch	130 mm
Supplied width	960 mm
Covered width	910 mm
Length	Customised/as per requirement
Thickness	0.6 to 2 mm

\*Subject to standard tolerances

## Dynamic Skylights

### Polycarbonate Sheet



### FRP Sheets



# Dynamic Puf Panels & Thermal Insulation

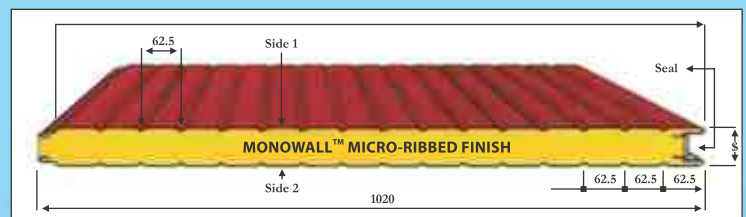
## Puf Insulated Panels

### Specifications

- Density: 40Kg / M<sup>3</sup> polyurethane (Foam) insulation.
- Insulation thickness: 40 mm up to 200 mm to suit temperature range from -200 Â°C to 100 Â°C
- Top/Bottom Sheet: PPGI/PPG-L/BGL

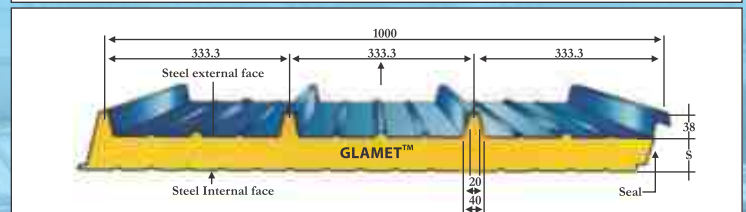
### Wall Panel

Consists of Polyurethane Insulated 40 mm to 200 mm thick panels of PUF Density 40 ± 2Kg/m<sup>3</sup>. The individual panels will be firmly locked together by tongue & groove. The Panel shall have both side metal Sheet.



### Roofing Panel

Made out of Polyurethane Insulated 30mm to 200mm 63 mm thick panels of PUF Density 40 ± 2Kg/m<sup>3</sup>. The panel shall have both side Sheets.

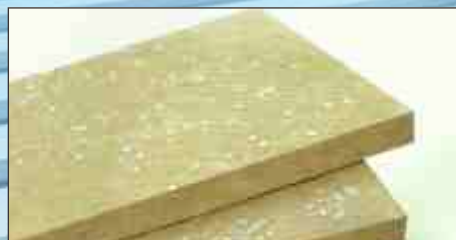


## Thermal Insulation

### Glasswool

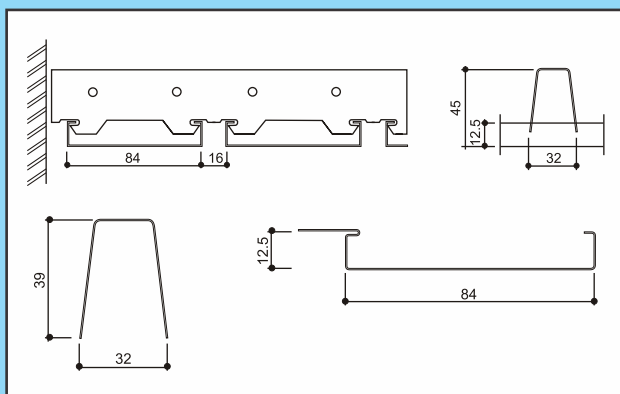


### Rockwool

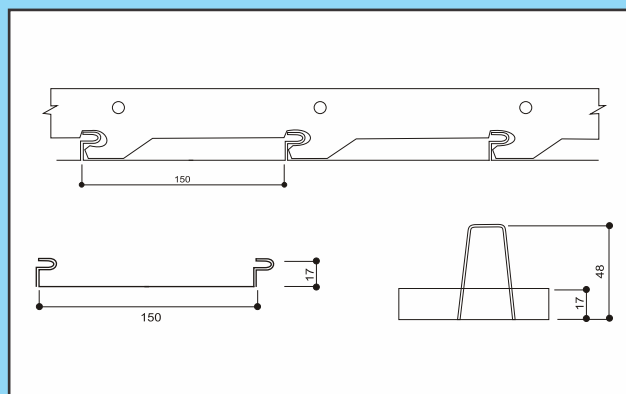


# Dynamic Metal False Ceiling

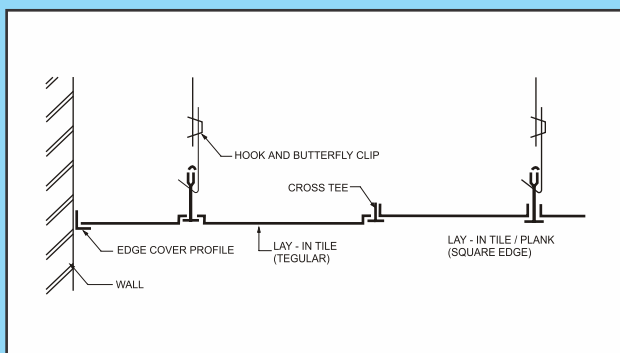
## 84C / 184C Ceiling System



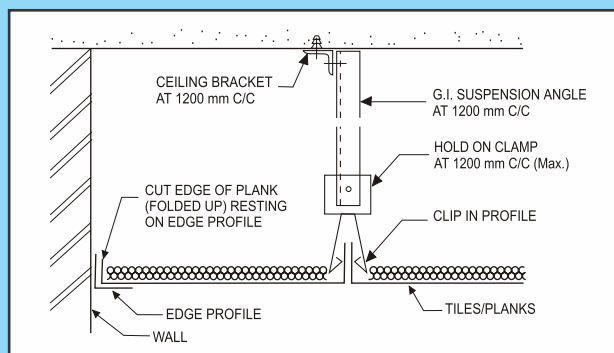
## 150F Ceiling Profile



## Lay-in-Tile System



## Clip-in-Tile System



# Accessories

## Turbo Ventilators



## Fasteners



## Silicon Sealant



## Butyl Tape



## Foam Filler



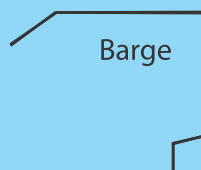
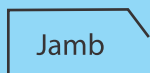
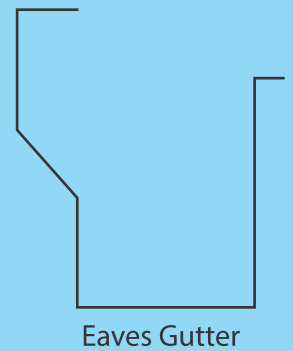
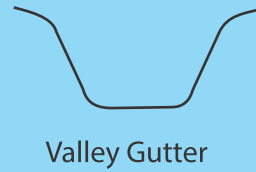
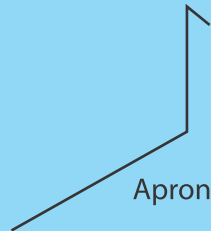
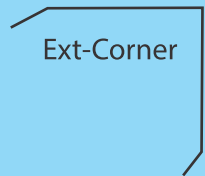
## Weld Mesh



## Louvers



# Flashings



*contact us*

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