CATALOGUE
2026-27

Veejay Infra projects

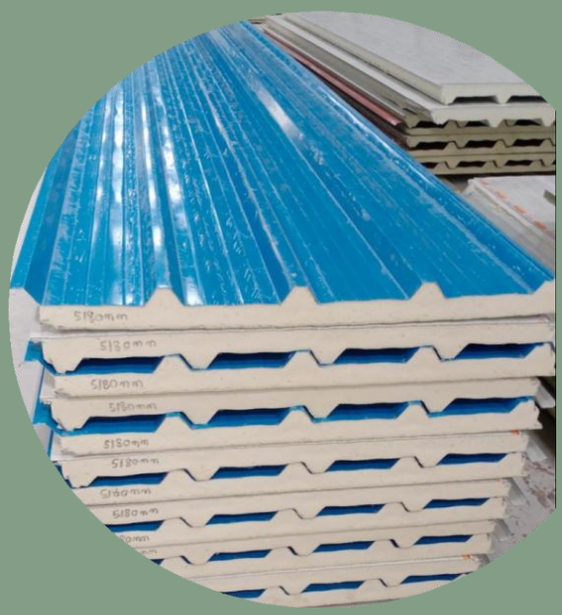
PRE-ENGINEERINERED
STEEL BUILDING SOLUTION

From Concept to Creation
Rapid PEB Solutions

Veejay Infra Projects (VIP) is one of the fastest growing organization providing all types of pre-engineered building solution for your business.

visit us at

ABOUT US



Why Veejay Infra Projects

In structural engineering, a pre-engineered building (PEB) is designed by a PEB supplier or PEB manufacturer with a single design to be fabricated using various materials and methods to satisfy a wide range of structural and aesthetic design requirements. This is contrasted with a building built to a design that was created specifically for that building.

With a big and strong support of VEEJAY INFRA PROJECTS, which was incepted in the year 2019 and has expertise of over 6 years in trading of mild steel VIP is a well-known company in the fabrication sector that deals in all type of PEB structures, warehouses, Industrial Sheds etc.

VIP works keeping customer's interest and needs in mind. This has helped us build our reputation in the market for providing good quality services to our clients in all our projects.

Mission & Vision

To be the premier choice for steel and steel based products in the PEB.

To bring the PEB technology to where it is most needed in the world and help others “build a better life” through industrialization.

To build high capacity, efficient & cost effective steel factories for speedy delivery and for benefitting on large economies of scale.

To offer customers versatility in design & fabrication to meet their exact building requirements.

To offer customer services that are second to none in the industry.

Be a leader & not a follower.

To comply with applicable environmental laws, regulations & other sustain abilities.

VEEJAY INFRA PROJECTS

Veejay Solutions

Pan India Access.

Manufacturing capacity of 15000 MT per annum.

More Than 52 Projects delivered to Nation.

An ISO 9001:2015 Certified Company

QUALITY

A company becomes a brand if it serves with honesty & reliability in the terms of Quality. We don't speak because we do it with our actions. To provide products of High-Quality, we have a team of highly-experienced & skilled engineers because we don't compromise with our clients expectations. Furthermore, advanced technologies are being used for our projects(Pre-engineered Buildings). The building materials & their sources are verified & certified before manufacturing the client's demand to meet the Industry-standards. VIP has expertise in Pre-Engineered Buildings that is the ideal choice for Regional and National Projects.

INNOVATION

Innovation has the ability to change the present development that is what does. The best part about it that no one can stop us from being innovative. We endeavor innovative ideas to originate new techniques & designs that can satisfy the requirements of our clients in numerous ways. No matter, it's small or big but the innovation is a key factor to perform unexceptionally from others.

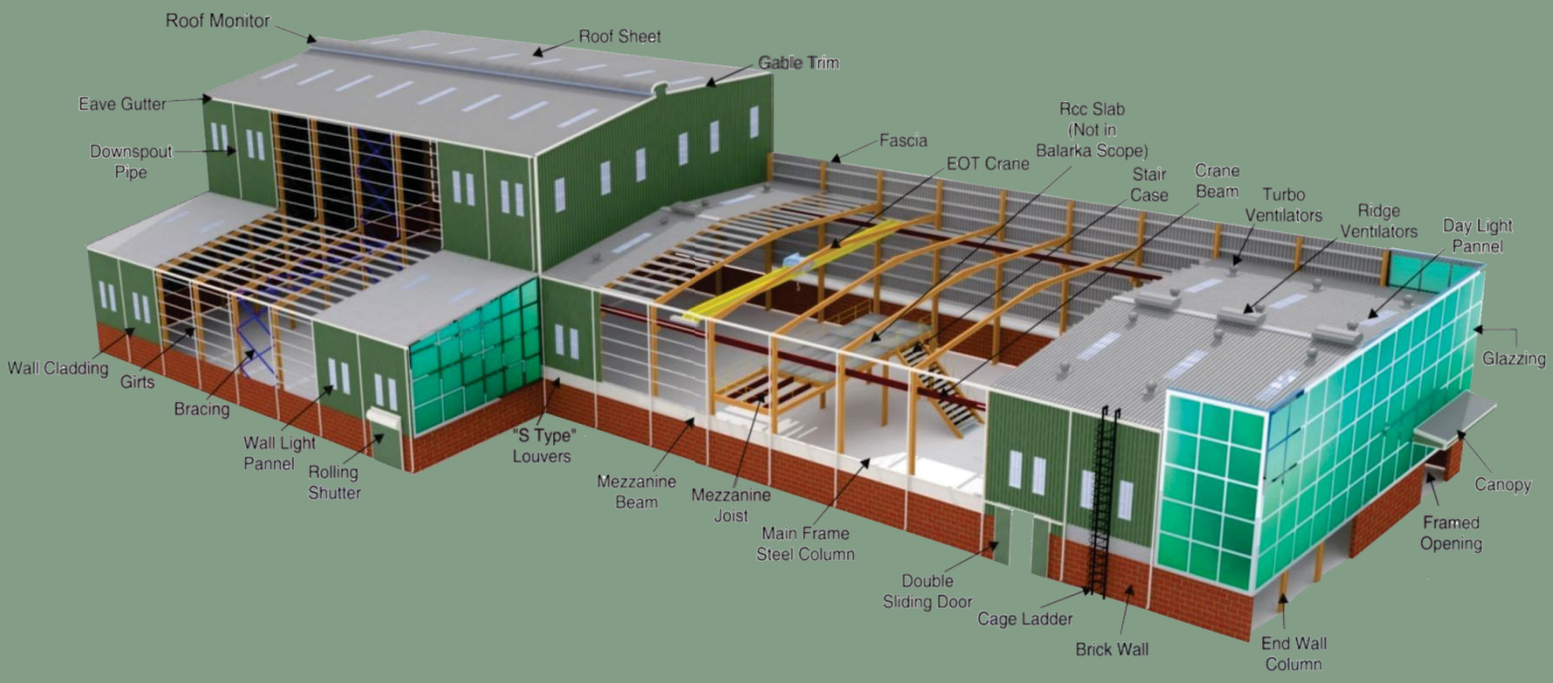
SUSTAINABLE DESIGN

We work with a belief in sustainability to build, develop and innovate the technology which is beneficial for the environment as well as for the company. Our sustainable design allows longevity to the products which are designed by the specialized software & custom developed tools.

OPERATIONAL EXCELLENCE

We are executing reliable strategies to attain operational excellence. To offer trustworthy and valuable products at a lower operating cost with more performance. Before finalizing the project which is undoubtedly value for money. For this our entire management. Customer services & team of professionals perform to the extent of perfection. Our motive is to build trust amongst our clients by fulfilling their expectations.

PEB Nomenclature at a Glance



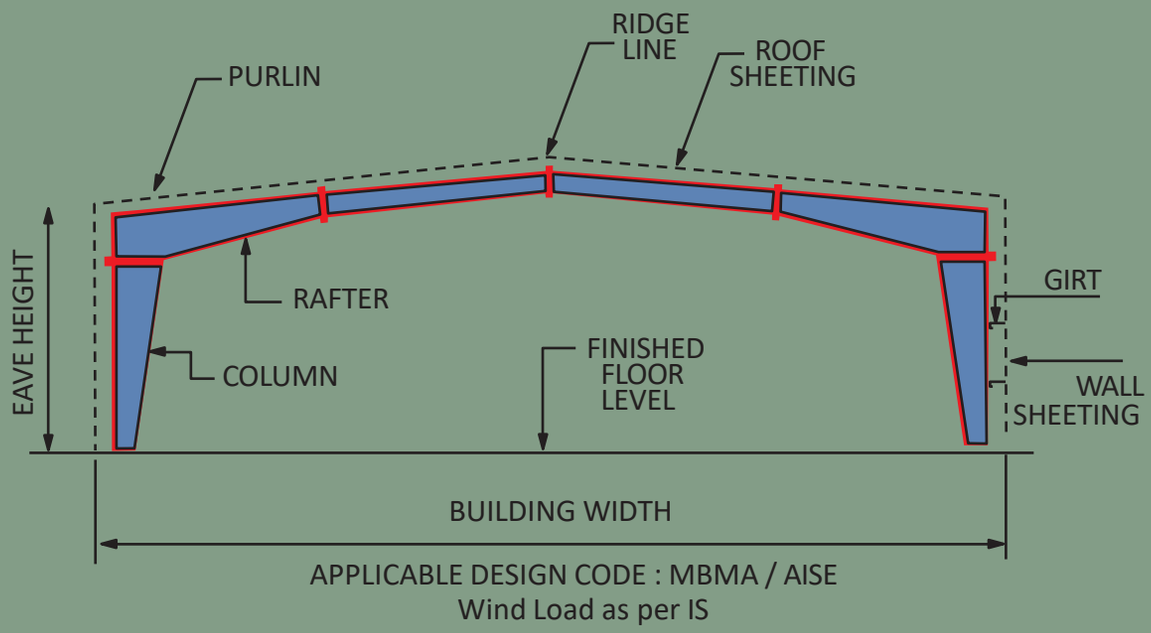
Main Frame

1. Primary Members
   a. Columns
   b. Rafters

2. Secondary Members
   a. Purlins
   b. Girt
   c. Bracings

3. Sheeting
   a. Roof
   b. Wall
   c. Fascias

4. Accessories
   a. Ventilators
   b. Sky Lights
   c. Solar Panel
   d. Miscellaneous



APPLICABLE DESIGN CODE : MBMA / AISE
Wind Load as per IS

DESIGN

Our Designing & Engineering Teams can design your building with high efficiency and accuracy to fulfill your customizzed need & action planor your building

All building are designed and erected as per the American Standards & Indian Standards (IS) Codes of Practice.

APPLICABLE DESIGN CODES

BIS (Bureau of Indian Standard)

A.Design Dead Load IS-875 (Part-I)-2015

B.Design Imposed Load IS-875 (Part-II)-2015

C.Design Wind Load IS-875 (Part-III)-2105

D.Earthquake resistance IS-1893 (Part-I)-2015

E.Design Hot Rolled built-up IS-800 E2007 (WSD/LDS

F.Tapered built -up 9” edition of AISC

G.Cold form IS-801 (1975)

H.Welding - (AWS D1.1.98), IS-816(1969)

MBMA (Metal Building Manufacture Association)

1.In Accordance with 2002 edition of low rise building solution

2.Wind Speed IS-875 (Part- III) - 1987

3.Earthquake load IS-1893 (1896 (Part-I)-2002

4.Hot Rolled and built -up manual of steel construction, 9” edition of AISC

5.Cold form 1996 Edition of AISI

6.Welding -Structural Steel Welding Code of American Welding Society (AWS.D1.1.98)

7.Design of Tapered Build up section is in ac ordance with: Manual of steel Consstruction, 9” Edition of Ameri an Insstit e of Steel Consnstruction (AISC).

WELDING IS APPLIED IN ACCORDANCE WITH:

Structure Steel Welding Code of American Welding Society (AWS D1.1.98) IS-816 (1969): Cod of Practice or use of metal Arc Welding for general construction in steel.

IS CODE

Loads are applied in accordance with:

a. IS-875 (PART-I)-2015: Code of practice or design dead loads for building and Structure IS875 (PART-II)-2015: Code of practice o design imposed Loads for Building and structures. IS875 (Part-III)-2015: Code of practice o design Wind Loads for Building and structures.

   IS-1893 (Part I) - 2002: Criteria for Earthquake Resistance Design of Structure.

b. Design of prismatic Hot rolled and Built up section is A in acordance with: IS-800(2007 & 2015): Code of Practice or general Consstruction in eel.

c. Cold Formed members are designed in accordance with: IS-816 (2015): Code of practice for use of cold-formed Light Gauge Structure.

MBMA

Loads are applied in accordance with:

(a)The 2002 Edition of Low Rise Building systems Manual of Metal Building Manufacture Association (MBM -2016.)

Wind Speed in accordance with: IS-875 (PART-III)-2015: Code of practice or design wind load for

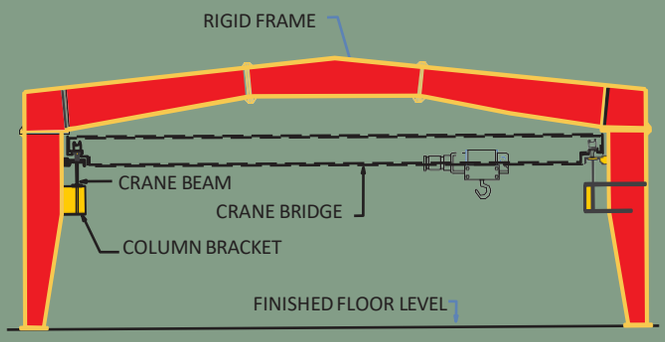
(b)Building and structure.

Earthquake load in accordance with: IS-1893 (PART-I)-2015: Criteria for earthquake resistant

(c)Design of structures. Hot rolled and build up section of designed in ac ordance with: Manual ofsteel Construction, 9” Edition of Ameran Insnstie of steel Consonstruction (AISC).

(d)Cold-Formed members are designed in accordance with: 1996 Edition Cold-ormed Steel Design Manual of American Iron and Steel institue (AISC).

Welding is applied in accordance with : Structural Steel Welding Code of American Welding Society (AWS. D1.98).

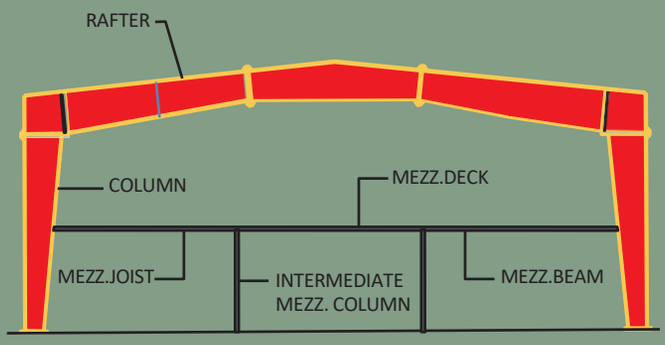


Top Running Crane

Cranes in Building

VIP pre-engineered building can be designed to accept most types of crane systems such as EOT, Monorail, Under - hung crane and other load carrying device like conveyors etc. in both clear span and multi span buildings. When a cane system is to be integrated, VIP's scope is limited to brackets and crane runway beams which support the crane

Complete information on the cane system is required in order design and essential buildings with cranes.



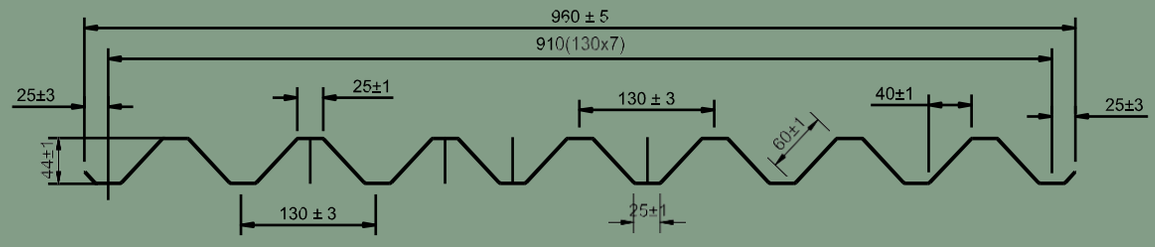
Mezzanine in Building

A mezzanine is an intermediate floor between main floors of a building. Often, a mezzanine is low-ceilinged and projects in the form of a balcony.

In industrial applications, mezzanine floor systems are semi-permanent floor systems typically installed within buildings. The most common use of a mezzanine floor is for storage and Shop floor office. Mezzanine floor consist of Mezzanine beam, Joists Deck sheet sheer studs. The economy of the mezzanine floor is affected by the applied load and support column spacing.

The economy of the mezzanine floor is affected by the applied load and support column spacing.

MATERIAL	YIELD STRENGTH	COLOR AVAILABLE	COATING
HR/CR/GP	240mpa	No Color	No coating
CC	240/300/350/550mpa	As per requirment	Upto 450gsm



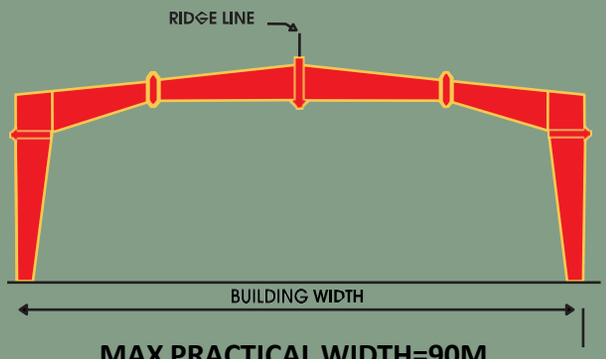
VIP Deck Profile Sheet Specificacations		
Supply Width	:	885/960 +_5 mm
Covered Width	:	910 +_5 mm
Length	:	Max up to 13 Mtr
Thickness	:	0.60 mm to 2.0 mm
Through Depth	:	44 +_1mm
Pitch (C/C)	:	130 +_3mm
Top Crest Width	:	25 +_1mm
Crest Slope	:	60 + 1mm

Applications

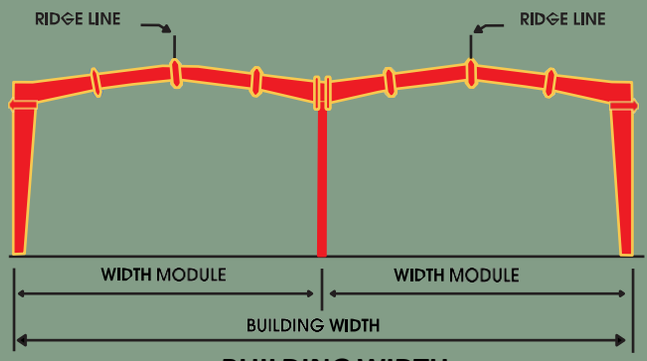
(I) High Versatilit.
(ii) High durability and uniform quality.
(iii) High structural strength to weight ratio.
(iv) Attracte apperance and smooth finish.
(v) Long range economy.
(vi) Deck act as a permanent framework

PRIMARY FRAMING SYSTEMS

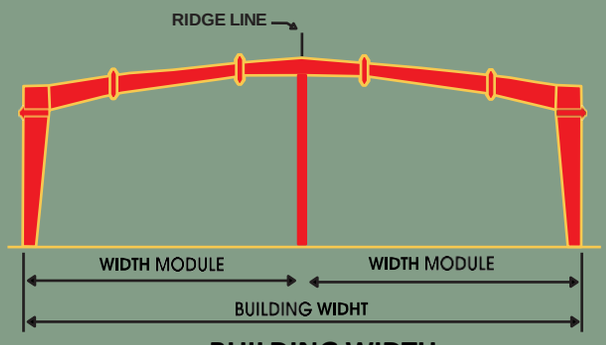
The Most common primary framing system are shown below. All are shown symmetrical about the ridge line. Framing system asymmetrical about the ridge line and Multispan Faming System with unequal with modules are possible but may require more engineering time and pobable longer deliveries. Practially any frame geometry is possible. Consult a VIP markeetingeam for your specific requirements.



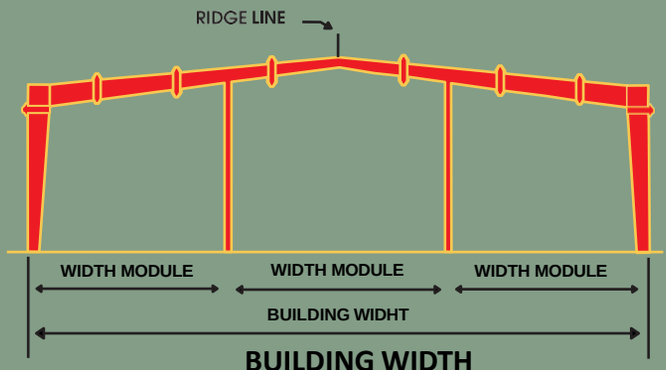
MAX PRACTICAL WIDTH=90M
Clear Span



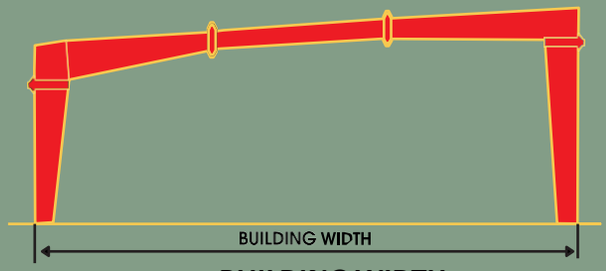
BUILDING WIDTH
MAX, PRACTICAL WIDTH =90M
Multi-Gable (MG-1)



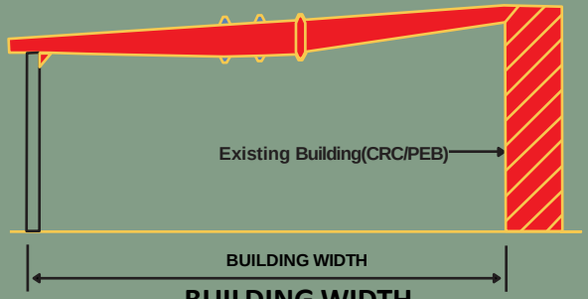
BUILDING WIDTH
MAX, PRACTICAL WIDTH =80M
Multi-Spam "1" (M -1)



BUILDING WIDTH
MAX, PRACTICAL WIDTH =80M
Multi-Spam "2" (M -2)

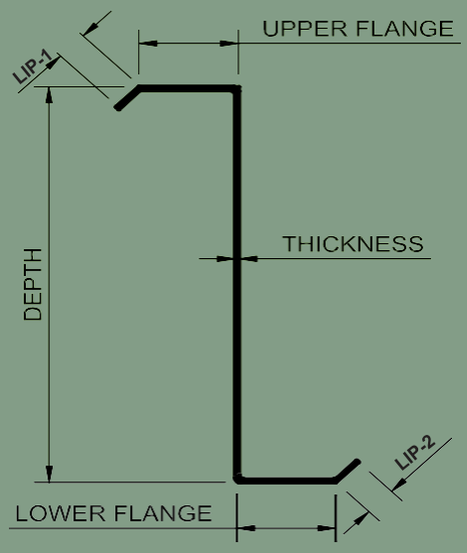


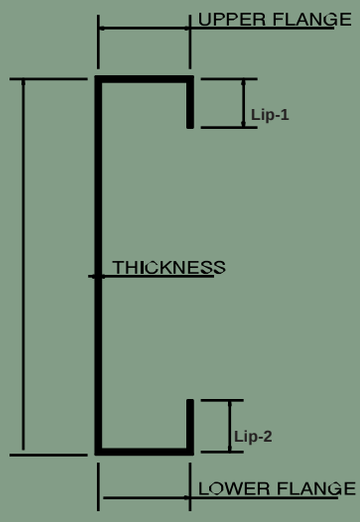
BUILDING WIDTH
MAX, PRACTICAL WIDTH =50M
Single Slope (SS)



BUILDING WIDTH
MAX, PRACTICAL WIDTH =50M
Lean-To (LT)

VIP PURLIN





Veejay Purlin are structural members designed and produced using the advanced technology, quality and customer oriented services, for use as secondary support for economical roof sheeting and all cladding systems.

45 Lip for better sectional modulus and e y nesest, These are supplied in required length with pre-punched holes for quick bolting. The ystem gives an excellent strength to weight raatio with flexibility for specific size requirement.

RAW MATERIAL SPECIFICATION

HR Coil as per	:	IS-10748/IS-1079 IS-277
Galvanised coil as	:	240 MPA/345 MPA
per Yield Strength	:	70 GSM, 120 GSM, 180 GSM
Zinc Coating	:	275 GSM, 350 GSM, 450 GSM
Size	:	1.5mm to 3.00mm 120 to 300mm

FEATURES

- ⋆ Structurally strong
- ⋆ Uniform and straight.
- ⋆ Pre punched holes and required length.
- ⋆ Saving in cost up to 30% due to beter design.
- ⋆ Close tolerances on sectional dimensions due to automatic controlled manufacturing.
- ⋆ Fast to erect and easy handling.
- ⋆ Economy due to reduction in dead weight.

ROOFING & CLADDING SYSTEMS

ROOFING SHEET

Veejay offers strong & cost effective profile and it’s developed specifically for roofing applications..

CLADDING SHEET

Veejay offers strong & cost effective cladding sheet profile and it’s developed specifically for concealed fastener panel with a sculptured valley shape between the major ribs for a superior architectural look for external walls.

VIP LOUVERS:-

Easily installed into end walls for increased Ventil ationechnically designed to be made Customized lengths and ready for installation. The louvers allow fresh air inside and prevent the entry of dust and rain water.

FEATURES:-

1. The Louvers are made using Zincalume & Color Coated Galvanized Steel
2. Light weight, Easy to install
3. Long Life
4. Maintenance Free
5. No Operational Cot
6. Reduce Power Cost
7. Reduce Maintenance Cost

VIP TURBO / ROOF VENTILATORS:-

Circulation of Fesh air, essenntial engize work efficiency create dust free atmosphere and equalize ambient temperature.

FEATURE:-

1. Rust Free
2. Eco Friendly
3. Maintenance Free
4. Easy to install
5. Noise less operations
6. Uniform & Continuous flow of fresh air.
7. Weather proof & storm proof.
8. No need of electricity - Wind driven
9. Fresh air 24x365days.

VIP POLYCARBONATE:-

1. Rigid Polycarbonate Transparent roof glazing sheets Available in required lengths matching VIP Roofing and Cladding, made out of finest lexan polycarbonate sheets from GE-Plasasticscellent Light transmission between 50%-95% depending on thickness.

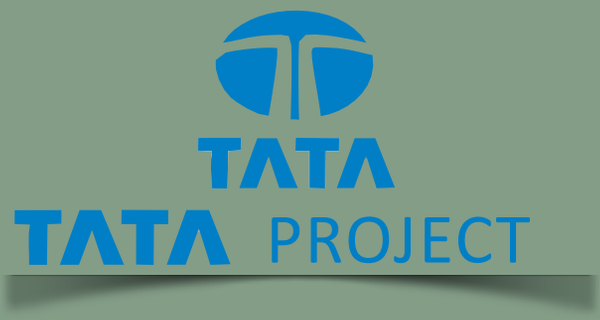
STANDARD FRAMING FEATURES

1. Main frames are typically consists of tapered of uniform depth columns and rafers.
2. Rigid Frames for Clear Spam (CS) and Multi Spam (MS) building ae most commonly spaced from 6000mm to 10000mm, center line (bay spacing)
3. Outside flangges of Clear Spam (CS) and Multi Spam (MS) riding ame column are inset 250mm from the sidewall steel line to allow for by-pass girts.
4. Outside flanges of space saver (SS) riding frame columns shall be placed flush with the gable wall steel line
5. The top flanges of all rigid frame raaers arare 200/250 mm bellow the bom of the roof sheeting (depending upon the depth of purlin)
6. End frame are “post and beam” (P&B) load bearing frames with end wall girts flush framed into the webs of the end wall posts so that the outer flanges of girts are in the same vvertal plan as the outer flanges of the possts. Optional rigid ames may be used at the building ends.
7. End wall posts are typically spaced at 600 mm, depending upon width of the building and end wall openings. Others spacing may also be used when building width is not evenly divisible by 600 mm the interior spacing of the end wall posts of typically kept at 6000mm with two equal end spacing smaller or larger than 6000mm.
8. For Clear Span (CS) and Multi Span (MS) building the sid wall girts are aaached (by-passed) to the outer flanges of exterior columns. sidewall girts are lapped at interior frames. For space
   saver (SS) and lean - to (LT) building, the sidewall girts are flush connected (flush framed) so that the outer flange of the girts is in the same vvertal plane as the outer flange of the girts on the exterior columns.
9. The botom flanges of roof purlins are attached to the outer (top) flanges of the rafters through cleats. Purlins are lapped at interior frames in all structural flaming systems.

C		Z	
Depth (in mm)	Tick (in mm)	Depth (in mm)	Tick (in mm)
150	1.75	150	1.75
170	1.75	170	1.75
250	2.5	250	2.5

Haryana and Mumbai


VEEJAY INFRA
PROJECTS


TATA
TATA PROJECT


Godrej


बी एच ई एल
BHEL


MFL


Coca-Cola


ZETWERK
MAXIMIZE MANUFACTURING


इंडियनऑयल
IndianOil


Bharat
Petroleum


GMR
Creating tomorrow today


SSR BUILDERS
ENGINEERS & CONTRACTORS


PARLE


STUDDS
RIDE YOUR DREAMS


भारतीय खाद्य निगम
CORPORATION OF INDIA
FOOD

VEEJAY INFRA PROJECTS

gogreen

From Concept to Creation
Rapid PEB Solutions

visit us at

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