



[An ISO 9001:2008 Certified Company Flot No – 128/1 Phase – II, IDA . Cherla Pally , 500 051](#)

VR PEB INDIA PVT. LTD. is into manufacturing of Pre-Engineered Metal Buildings Systems in India, having

Complete manufacturing facility, design, and execution team to execute any type of work on total construction solution basis

We have professional team to deliver the best results by offering Re Group of Industries on design, Manufacture, Supply, and erection basis together. Our total construction solution shall give lot of benefits to end users Under Single Point Responsibility for the total work and quality constructions. Our state-of-art manufacturing Plant is largest in southern part of India with an installed capacity of 20,000 Metric Tonnes per annum. It is probably the most modern plant of Pre-Engineered Buildings in the Indian Sub-Continent.

Our group has executed various types of projects that include Power Project for Granite factories, Spinning/Weaving Mills, Pharmaceutical Projects, Heavy / Light Engg. Factories, Hospitals, Engineering College, Residential building, Commercial Centres and Multiplexes etc.,

VR PEB INDIA PVT. LTD. is fully equipped to undertake all type of projects on total Construction basis from Conceptual to final handing Over Stage. A team of highly Skilled Engineers work on the Project at our in House Design office & at site, to provide Tailor made / user Specific Solutions for each Project Applications.

Contact Us

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### **What are the advantages of PEB System?**

**The main advantages are: Saving in construction time:** About 30-50% saving in total project schedule due to fast delivery and quick site Erection.

#### **Reduction in Project cost:**

Cost savings primarily result from above time saving on the Project. This also results in Earlier realization of revenue to owner on a commercial project.

**Large Clear spans:** Buildings can be supplied in clear spans up to 90 m Particularly suitable for aircraft hangers, sports facilities,

**Flexibility in expansion:** Buildings can be designed for future expansion in length, width and height.

**Superior quality:** Complete manufacturing is done in high quality assurance standards.

**Low Maintenance:** High quality paint systems are available for steel and cladding to provided a long Maintenance free service life

**Energy efficiency:** Buildings are supplied with roof and wall insulation to reduce energy costs and Improve comfort level inside the building.

**Architectural versatility:** Buildings can be supplied with special fascias, canopies, curved eaves and other Architectural features required on the project.

**N sibilate:** As the complete building steel package is supplied from a single source (Re Group) client Is assured of proper interface between all components resulting in a weather tight building with Good appearance.

### **2. Are PEB systems suitable for Indian weather conditions?**

Yes, Re Group has supplied buildings which encompass the full range of weather conditions Including snow loads, high desert temperatures, high humidity, proximity to sea, heavy Rainfall, cyclone wind speeds, seismic loads, etc... Based on the ambient conditions at site and Building usage, Re Group will design and manufacture the building to the specified Requirements.

### **3. Is there any limitation on minimum size of building?**

No. Re Group can provide a small car park shed to a massive industrial complex comprising Thousands of square meters of covered area. However for shipment, a minimum one-truck load Would be economical.

### **4. How much is the saving in foundations?**

The saving would be basically due to less number of column foundations due to large spans and Bay spacing plus reduction in column reactions due to less dead load of Steel. It is not possible to quantify the cost savings as it would vary by type of project.



To further strengthen its leadership position in PEB in India, Re Group has diversified into Functionally superior, aesthetically elegant, and still economical Light-Gauge Steel Buildings For various applications, which were hitherto done with ineffective conventional systems?

#### **1. Advantages**

#### **2. Applications**



**Advantages:**

1. • **Safety against severest seismic forces and cyclonic conditions.**
2. • **High strength to weight ratio, resulting in economy**
3. • **Dismantle & Re locatable**
4. • **Single source of supply of entire building**
5. • **Speedy delivery & faster erection**
6. • **Insulated to suit various weather conditions**
7. • **Flexible design to accommodate utility lines like plumbing, wiring, etc.**
8. • **Enhanced aesthetics**
9. • **Health Centres**
10. • **Community Centres (Anganwadi)**
11. • **Schools**
12. • **Site Offices**
13. • **Mass Housing**
14. • **Relief Camps**
15. • **Labour Camps**
16. • **Defines Shelters**
17. • **Spans up to 15 m**
18. • **Clear height up to 3.0 m**
19. • **Variety of sheeting's: Galvanised, Galvalume (in various colors)**
20. • **Wall Options - sheeted, block works**
21. • **Covered ceilings - Roof Liners**
22. • **Insulation for Roof & Wall**
23. • **Partition Walls**
24. • **Custom-designed**
25. • **Special accessories like doors, windows, ventilators, etc**

**QUALITY SYSTEM**

VR PEB INDIA PVT. LTD. persistence in sticking to the international quality norms, and quick response to the ever changing value perceptions of the customers by modifying the products to suit the new requirements, have helped in writing success stories even in this turbulent phase. It only goes

to prove that offering ‘quality’ – in product, presentation, performance, price, and place – is the real mantra of satisfying the customers today; the gap between the offer and the performance has to be completely filled up. The endurance in tenaciously pursuing this idea has rewarded Re Group by being accredited with one of the most Prestigious international quality awards. BVQI London has conferred ISO 9001 Certificate on Re Group of Industries this has only emboldened there Re Group’s resolve towards offering the best building packages to its customers in India. Periodical internal quality audit programme, as required by ISO standards, is carried out to identify non-conformities and remedial measures are instantly taken to maintain conformity to ISO standards. Re Group India has the state-of-the-art manufacturing plant at CherlaPally (Near Hyderabad), having a Manufacturing capacity of 11000 MT perineum - . Re Group India has created over 60 satisfied customers and 100 buildings till date.

### **1. Advantages**

### **2. Applications**

### **3. Accessories**

### **4. Sheeting**

### **5. Primary Members**

### **6. Secondary Members**

Pre-Engineered Buildings:



- **Single-source responsibility**
- **Faster Installation**
- **Overall Economical**
- **Factory-controlled quality (ISO 9001 Certified)**
- **Practically maintenance free**
- **Up to 90 M clear spans**
- **Flexibility in expansion**
- **Energy efficient roof and wall systems**

. • **Earthquake-resistant**

Applications :

- . • **Warehouses**
- . • **Factories**
- . • **Cold Stores**
- . • **Offices, Schools, Hospitals, Site Offices**
- . • **Gas Stations, Bus Shelters, Car Parks**
- . • **Commercial Complexes, Shopping Malls**
- . • **Aircraft Hangars**
- . • **Sports and other recreational facilities**



Accessories:

**SKYLIGHTS AND WALL LIGHTS**



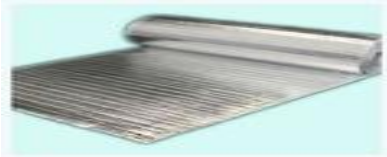
Made of translucent GRI to match Re Group rib and wall panels, with an estimated light transmitting capacity of 60%

**SLIDING DOORS (SINGLE OR DOUBLE LEAF)**



3 m, 4m and 5 m wide and 3.612 m high. Non-standard sizes are available on special order

### **INSULATION**



Fibre Glass insulation supplied in various thickness and density to suit desired “U” Value with either a Vinyl Aluminium or polyester baking sheet.

### **FASTENERS**



Standard fasteners shall be No. 14, Type A, self tapping screws with metal and neoprene washers. All screws shall have hex heads, zinc plated, and color matched.

### **WALK DOORS (SINGLE OR DOUBLE)**



915 mm or 1830 mm wide x 2134 mm high made of 20 gauge lector galvanised steel with a core of polyurethane insulation. Door furniture is provided

### **LOUVERS**



With overlapping blades allowing free air flow. Size is 1 m x 1

**ALUMINIUM WINDOWS**



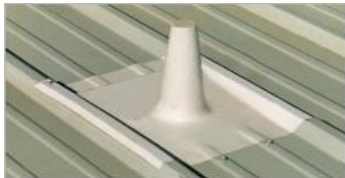
Designed for installation with Re Group wall panel, double slide, self flashing with pre-glazed clear glass and Removable half insect screen. Standard size is 1 m x 1 m. Multiple windows are formed by joining the jamb fins together

**RIDGE VENTILATORS**



Gravity type with bird screen and Mechanical control Damper, Standard size is 3000 mm long with a throat opening of 300 mm

**ROOF JACKS**



Enclosure for pipes or stacks projecting from the roof; 2mm thick GRI to fit VR PEB INDIA PVT. LTD. roof panel. Available in opening sizes for 50mm to 300 mm diameter

**POWERED VENTILATORS**



Re Group 'C' whirlwind low silhouette extract ventilator with spun aluminium no return shutter and one piece base and throat. Mounted on GRI roof curb moulded to suit VR PEB INDIA PVT. LTD. rib roof panels.

**ROOF CURBS**



Enclosure for ducts or other roof projections. 2 mm thick glass fibre reinforced polyester fitting VR PEB INDIA PVT. LTD. rib roof panels. Available in opening sizes 600 mm, 900 mm and 1200 mm squares

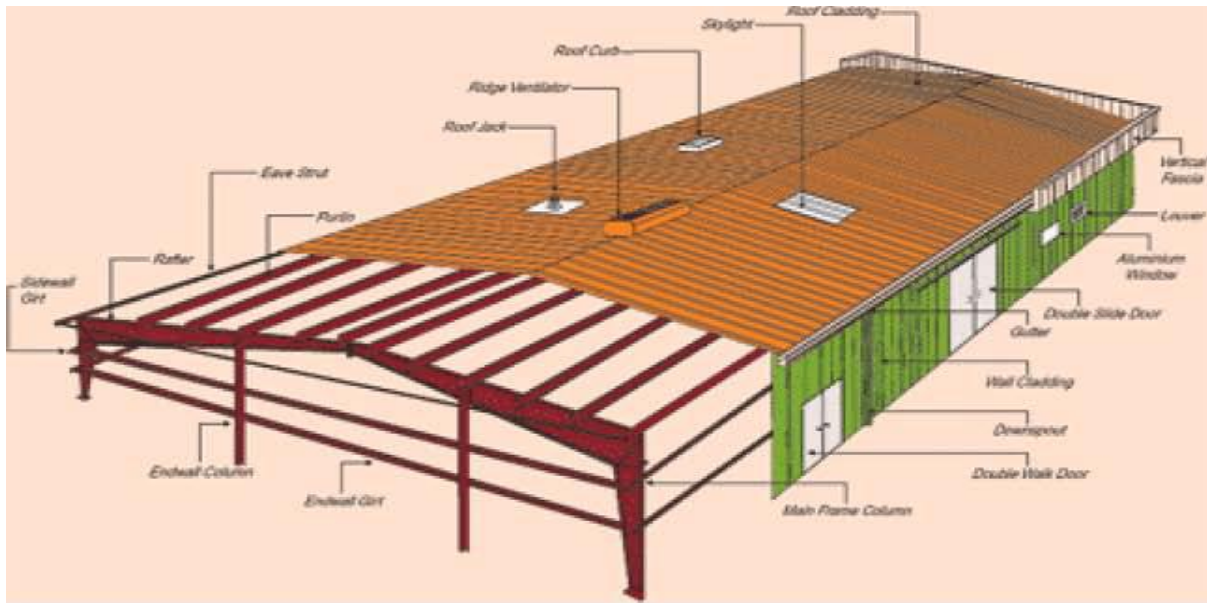
**SEALERS**

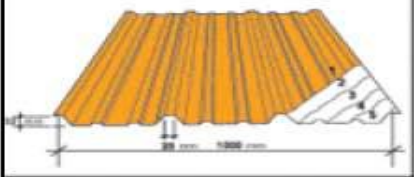
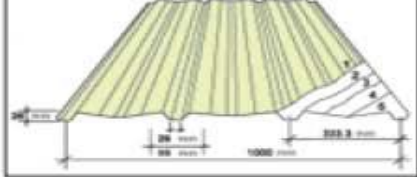
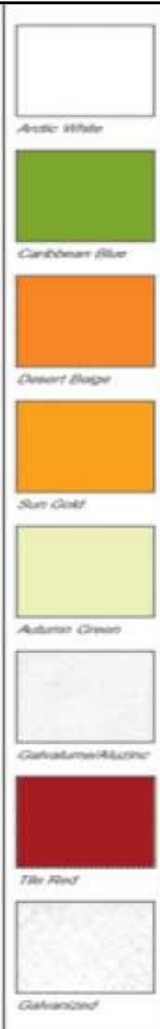

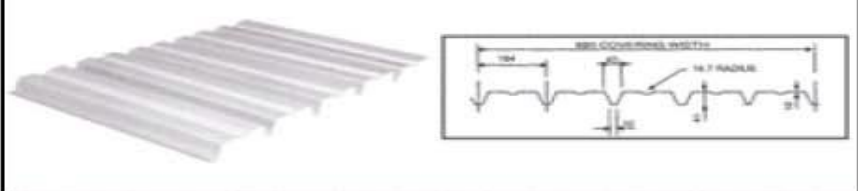



Sealer for sidelaps, endlaps and self-glazing windows shall be tape of low hardening permanently flexible blend of butyl rubber.



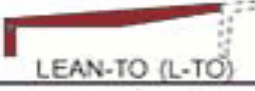








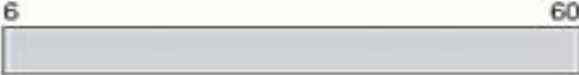


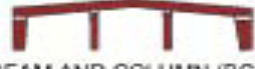





### **Sheeting**





<p><b>PBS RIB (KR)</b></p> <ul style="list-style-type: none"> <li>1. Top Coat</li> <li>2. Primer</li> <li>3. Glasswool Insulation (Optional)</li> <li>4. Polyurethane Insulation (Optional)</li> <li>5. High strength Anodic paint</li> </ul> 	<p><b>PBS WALL (KW)</b></p> <ul style="list-style-type: none"> <li>1. Top Coat</li> <li>2. Glasswool Insulation (Optional)</li> <li>3. Primer</li> <li>4. Polyurethane Insulation (Optional)</li> <li>5. High strength Anodic paint</li> </ul> 	 <ul style="list-style-type: none"> <li>Arctic White</li> <li>Caribbean Blue</li> <li>Desert Blue</li> <li>Sun Gold</li> <li>Autumn Green</li> <li>Galvalume/Aluzinc</li> <li>Tile Red</li> <li>Galvanized</li> </ul>
<p><b>PBS STANDING SEAM ROOF SYSTEM (KLS-10)</b></p> 		
<p><b>PBS METAL DECK PANEL FOR RCC FLOORS</b></p> 		
<p><b>PBS SANDWICH PANELS</b></p> 		

Primary Members

 L-CANOPY (L-CAN)	 3 6
 LEAN-TO (L-TO)	 3 18
 BUTTERFLY CANOPY (T-CAN)	 6 12
 SPACE SAVER (SV)	 6 18
 SINGLE SLOPE (SS)	 6 18
 RIGID FRAME (RF)	 6 60
 BEAM AND COLUMN (BC-1)	 24 48
 BEAM AND COLUMN (BC-2)	 36 72
 BEAM AND COLUMN (BC-3)	 48 96
 MULTI-SPAN (MS)	 24 60

**Standard Eave height:**

3M-8M Std bay spacing: 6M/7.5M/9M

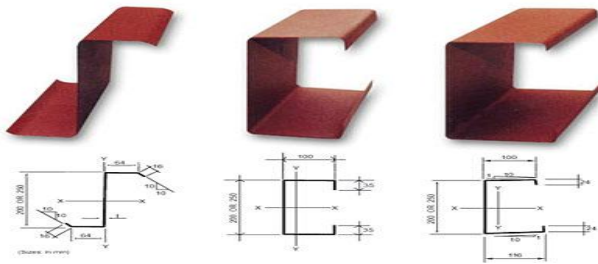
**Standard Loadings:**

Live load 0.5/0.6/1.0 KN/M<sup>2</sup>, Wind load 0.75/1.0/1.25 KN/M<sup>2</sup> The table above is a general Guideline on recommended frame types for different widths. Re Group custom-designs each order to the specified type, width, height, bay spacing, loading and other building parameters to customers requirements.

## STANDARD FRAME TYPES

Suggested width range (meters)... for most economical buildings.

### Secondary Members



### Z-PURLIN/GIR GIRT

Secondary structural framing refers to purling, girts, eave struts, wind bracing, flange bracing, base angles, clips and other miscellaneous structural parts.

A- Purling, girts and eave struts are cold formed steel members which have a minimum yield strength of 345 MPa(50,000psi) and will conform to the physical specifications of ASTM 572 (Grade 50) or ASTM A-653 (Grade50)or equivalent.

#### C-SECTION 1.

Purling and girts shall be roll formed Z sections, 200mm deep with 64mm flanges. Each flange shall have a 16mm stiffening lip formed at45° to the flange.

2. Eave struts are 200 mm deep with a 100mm wide top flange, a 116mm wide bottom flange, both are formed Parallel to the roof slope. Each flange has a 24 mm stiffener lip.

#### EAVE STRUT

B-Rod bracing shall have a minimum yield strength of 250MPa (36,000 psi) and will conform to the physical specifications of ASTM A-36 or equivalent.

C- All other miscellaneous secondary members shall have minimum yield strength of 250MPa (36,000 psi.)



RE GROUP --- REFERANCE LIST

S.No	Project Name	Location	Area Sq.Mtrs
1.	Sri Balaji industries pvt ltd	vizag	8920
2.	Cellulose solutions pvt ltd	Bidar	6000
3.	VRL Garden	Kodad	9250
4.	Lotus Door & Laminations	Pune	7000
5.	Shivagang polymers pvt ltd	Hyd	5000
6.	Bagayat Future Solutions	Hyd	4500
7.	Hema Industries pvt ltd	Ongole	9200
8.	Nicks exports pvt ltd	Vizag	14650
9.	Mahas Impex India pvt ltd	Mahabub Nager	11200
10.	Glycarophosphates&Saits	Hyd	7250
11.	Reprosess Polythene pvt ltd	Hyd	9500
12.	Rotec India pvt ltd	Vizag	8650
13.	Harni Packaging Pvt ltd	Hyd	9850
14.	Sree Hanuman Industries	Karim Nager	8500
15.	Svs ElectronicsPvt ltd	Vijayawada	15600
16.	Madhucon Projects	Hyd	4000



17.	Sri Annapurna Rice  Industry	Hyd	11600
18.	Shubodhya Gardens	MLG	1850
19.	Sahuvala Cilinders pvt ltd	Vizag	19300
20.	Sarada Industries pvt ltd	Hyd	9200
21.	Eka Chakra Electrical	Hyd	5700
22.	R.S.Minarals Pvt ltd	MBN	7850
23.	R & J.Cotton Industries	KR	1000
24.	Nuziveedu Seeds	MBN	9860
25.	Jakhotia plastics ltd	Medak	8400
26.	Laxmi Ganapathi Granites	NLG	5000
27.	Sri laxmi industries pvt ltd	Vizag	3000
28.	Heera Fruit industries	Mlg	1000
29.	Vivid industries pvt ltd	Solapur	8500
30.	Somalingeshwara fruit industry	Mlg	5500
31.	Durga Agro Industries	Hyd	6200
32.	Seema Fruit Industries	Nlg	5000



33.	Godavari Innovatives ltd	VJV	1500
34.	Vidatha Industries	Hyd	3000
35.	Mallampalli Industries Pvt ltd	Vizag	4500
36.	Reddy Fertilizer	Hyd	4500
37.	Hyderabad Packaging	Hyd	5500
38.	Sri Lalitha Packaging	Rajamundry	7800
39.	Poojasri India Pvt ltd	Hyd	4000
40.	Ceraco India pvt ltd	Mahabubnager	7000
42.	Raj packaging India pvt ltd	Hyd	5500
43.	Shanti Gang Industries	Hyd	5000
44.	Triki Industries ltd	Hyd	4500
45.	Shree venkatapuram rice industry	Medak	7500
46.	Top View India Pvt Ltd	Medak	9500
47 .	Sri Lilith Rice Mill	NLG	7800



48	Blue Sea Export India	Pune	520
49	Farmax India Pvt Ltd	Vizag	7835
50	Bhagwan Packaging Pvt Ltd	Madek	6200
51	Andhra Cylinders pvt ltd	HYD	4820
52	Fine Nonwoven Industries	CG	5600
53	Green Star Impx Pvt Ltd	Vizag	9800
54	Olam Agro Industries Limited	HYD	3200
55	Prompt Packging pvt ltd	HYD	2500
56	Raja Oil Flour Mill	HYD	4100
57	J.V . Packing	HYD	6800
58	Karthikaya Cotton Industries	KA	9200
59	Keyempee Foods Pvt Ltd	HYD	7100

Thanking You, You're Faith Fully

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