



RKB GLOBAL LTD

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Colour Coated Coils

Galvanized Coils (GP)

Colour Coated Roofing Sheets

Galvanized Corrugated (GC) Sheets

ERW MS Pipes & GP Pipes

Roofing Accessories

Shutter Patti

Crimping for Curved Roofs / Canopy

Self-Drilling Screws

Wire Drawing

Bright Bar

Welding Rod

PEB Shed Assembly & Erection

Lithium Battery Manufacturing Unit

IS : 814



ER 4212

CM/L-7203049



VIRAT ROOFING



RKB GLOBAL LTD

ABOUT US

Company was originally established as a partnership firm under the partnership Act, 1932 ("Partnership Act") in the name of "M/s Rajankumar and Bros. (Impex) Thereafter in the year 2013 the name of partnership firm was changed to "RKB Global Private Limited" under chapter IX & subsequently changed to "RKB Global Limited".

VISION

To be the world's most reliable and innovative manufacturer, service and solution provider in the steel industry. To create a self-sufficient steel industry that is technologically advanced, globally competitive and promotes inclusive growth. At RKB GLOBAL LTD., our key values of safety, quality, productivity, customer satisfaction and innovation are the foundation of our business.

MISSION

To deliver premium steel products, providing associated services and solutions to an international client base while utilizing inventive technologies within an environment of encouraged employees focused on unremitting improvement, uppermost business standards, occupation ethics and corporate citizenship, leading to added importance to our customers and sustained return to our investors.

QUALITY AND ASSURANCE

Our quality policy has been stipulated by our company management. We are committed to understand our customers' requirements in order to provide them with suitable, high-quality solutions. Our products and solutions are designed to help our customer's success in the market.

CHANNEL PARTNERS





"VIRAT ROOFING"

RKB GLOBAL LTD

OUR BUSINESS ACTIVITY

1. STEEL PRODUCT

RKB Global limited is engaged in the manufacture and sale of steel products. Our specialty is, we supply product as per customer's specifications. We work as per contact terms received from customers & we have team to install supplied product at customer's site. We produce PPGI Corrugated Profile Sheets, PPGI Colour Coils, ERW Pipes, Galvanized GP Coils / Sheets, Hot Roll Plates-MS, Galvanized Corrugated Sheets, Hot Rolled Coils / Sheets, Cold Rolled Coils /Sheets, Galvanized sheets, tubes, wire rods and all such steel products.

2. INFRASTRUCTURE

RKB currently working on project with L & T as a sub-contractor to build runway for Delhi international Airport. Machinery & labour is provided by RKB, L&T is satisfied with work.

RKB has executed contract with Megawide Construction DMCC to provide strong Crusher, Jaw crusher & screening for construction of Runway at Goa Airport. We have also got contract to building a boundary wall around a runway made by steel structure & to maintain quality, we are using TATA Steel product. It is Megawide's challengeable Job & we are working with them as a sub-contractor.

3. EXPANSION PROGRAM

RKB Global has set up a new plant for steel products manufactured at Zadkhair, Wada, Maharashtra which is in D+zone. We have chosen best location for our factory which is very near from Mumbai. Company have planned to utilize 12 acres of land & company have already built factory sheds & started manufacturing activity. We have launched new product Wire Rod, bright bar & installed profile drum corrugation machine.

Further to meet our customers demand our company has also initiated manufacturing and supplying an exclusive range of Colour Coated Profile Sheets and its raw material is procure by TATA STEEL LTD. For the entire project company has set up colour coated profile sheet machinery at Zadkhair, Wada with all the modern equipment's and sales is done under the brand name "Virat Roofing"



RKB GLOBAL LTD



MR. VIRAT SEVANTILAL SHAH
CHAIRMAN

Mr. Virat Sevantilal Shah aged 66 years, is Chairman and Whole Time Director and also the Promoter of our Company. He has an experience of around 50 years in business of import and export and trading & manufacturing in Steel products. He was the founder of RKB Global Ltd. He has been on the board of our Company since incorporation. His involvement and guidance has been instrumental in the growth and development of the company. His varied experience and vision helps our Company work united to achieve the set goals. He possesses good knowledge about the intricacies of the Steel industry. He has been a key player in the overall growth of the Company. His long standing relationship and networking with the vendors and customers in this industry since many years gives the Company a smooth operational platform.



MR. ALOK VIRAT SHAH
MANAGING DIRECTOR

Mr. Alok Virat Shah aged 39 years, is the Managing Director and Promoter of our Company. He holds a degree of Masters in Business Administration from Griffith University, Australia. He has an experience of over 13 years in steel business. He is a young, dynamic, hardworking and a dedicated team leader. His strength lies in the formulation of unique marketing ideas and innovative solutions to the various operational problems. He also looks after the Marketing operations and strategic planning of the Company.



RKB GLOBAL LTD

MANAGEMENT TEAM

NAME	DESIGNATION	DEPARTMENT
Mr. Virat Sevantilal Shah	Chairman & Full Time Director	Finance & Banking
Mr. Alok Virat Shah	Managing Director	Sales & Marketing
Mr. Vishal N. Mehta	Director	Sales
Mrs. Shruti S. Sawant	Director	Finance
Mr. Atith B Shah	Independent Director	Director
Mr. Vinay Khetan	Independent Director	Director
Mr. Hemant Sheth	Independent Director	Director
Mr. Girish Mishra	CFO	Finance & Accounts
Mr. Harshad Joshi	Plant Head	Sales
Mr. Sanjeev Sharma	Sales Executive	Sales
Mr. Sanjay Kumar	Company Secretary	Company Secretary
M/S M. A. Chavan	Statutory Auditor (Income Tax)	Planning and Development
CS S. Lakshminarayanan	Secretarial Auditor	Auditor (Companies Act)
Vikram Shah and Co.	Internal Auditor	Auditor
T. N. Rao Kintali	Stock Certify	Auditor
Mr. Ramesh Gandhi	GST Auditor	GST Auditor
Mr. Sachin Gandhi	GST Consultant	Consultant
PP Jayaraman & Co	Taxation Advisor	Accounts (Income Tax)



**"CURRENT
MANUFACTURING
ACTIVITY"**

RKB GLOBAL LTD

RKB ZADKHAIRE

Steel Processing Unit situated at Wada, Palghar

(A) WIRE DRAWING PLANT

- **MACHINERY - BIG LINE – WIRE DRAWING PLANT – I**
 - FASTNERS & SCREWS
 - BUCKET HANDLE
 - STEEL WOOL
 - WELDING ROD
 - FLAT WIRES
 - BRIGHT BARS STRAIGHTENING & CUTTING
 - SPRINGS & CYCLE SPOKES
- **MACHINERY - SMALL LINE – WIRE DRAWING PLANT – II**
 - HAIR PIN WIRE
 - WIRE ROPE WIRE
 - SAFETY PIN WIRE
 - PANEL PINS
 - JALI & FAN GUARDS
- **MACHINERY - STRAIGHT LINING CUTTING MACHINE**
 - STRAIGHT LINING WIRE ROD
- **MACHINERY - BRIGHT BAR**
 - BRIGHT BARS FOR AUTO INDUSTRY
 - BRIGHT BARS FOR MACHINE COMPONENT INDUSTRY



SELF DRILLING SCREWS

Virat Roofing Sheets has robust industry tie ups to provide the best quality Self Tapping Screw (STS) Self Drilling Screw (SDS) to suit all types roofing in colours that match your roof. We always recommend using fasteners, specially designed for colour coated roofing as poor quality fasteners can damage the sheets and can cause corrosion. We also provide Poly Carbonate Sheets which are an excellent roof glazing & cladding material and an ideal choice for natural light in the building.





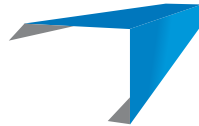
RKB GLOBAL LTD

(B) COLOUR COATED COIL :- PPGL / PPGI / GC

- DRUM CORRUGATED PROFILE SHEET
 - GALVANISED COLOUR/SHEET BUNDLES
- PROFILE SHEET
 - COLOUR COATED PPGI / PPGL PROFILE SHEET BUNDLES
- PROFILE SHEET
 - GC PROFILE SHEET BUNDLES
- SLITTING CUTTING MACHINERY
 - PPGI / PPGL / GC - SLITTING AS PER SIZE MANUFACTURING COIL ROLL FORM
- HYDROLIC PRESS BREAK MANUFACTURING MACHINERY
- PPGI / PPGL / GC - SLITTING AS PER SIZE MANUFACTURING COIL ROLL FORM
 - CORNER FLASHING
 - GABLE FLASHING
 - END WALL FLASHING
 - EAVE GUTTER
 - DRIP FLASHING
 - BOX GUTTER
 - PLAIN RIDGE



CORNER FLASHING



GABLE FLASHING



END WALL FLASHING



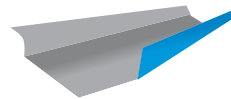
EAVE GUTTER



DRIP FLASHING



BOX GUTTER



VALLEY GUTTER



PLAIN RIDGE



RKB GLOBAL LTD

(C) CRIMPING (PROFILE) MANUFACTURING MACHINERY

The Crimped sheets are essentially used for curved roofs as this crimped sheets are manufactures from normal trapezoidal profile sheet with required bending as per the requirement of the structure, different types of Crimped profiled sheets are used as below -

- Profile Ridge - Roof Cover
- Profile Canopy - Gate Cover
- Profile NLC - Shade Cover from roof to Cladding
- Profile Curvature - Overlapping
- The different Crimping accessories are used at church, curved roofs, cover sheet on window, etc.



(D) ANNEALING FURNACE (LPG) FIRE CAPACITY

20 MT TEMPERATURE 750 / SIZE 10ft. (l) x 5ft. (w) x 6ft. (h)

- BRIGHT ANNEALED WIRE FOR GI
- BINDING WIRE
- BINDING WIRE FOR PIPES & BAGASSE (SUGAR MILL)
- CR HARD TO CR SOFT



Expansion in above existing product & the quality improve for exports & also quantity increase to reduce the cost as well as customer demand is satisfied with applicant timely order.





**UPCOMING
PROJECT**

RKB GLOBAL LTD

**UPCOMING PROJECT LITHIUM BATTERY
WILL BE SET UP IN ZADKHAIRE, WADA, PALGHAR.**

Lithium battery manufacturing Unit:

RKB plans to set up Lithium battery manufacturing plant at Zadkhaire Village, Wada, Palghar, Maharashtra with foreign collaboration & sell lithium battery for 2 Wheeler in automobile industry and 3 wheeler public transport vehicles. Big demand in 2 Wheelers and 3 Wheelers Lithium battery. One time charges will give minimum 150 km to 200 km and competitive price for 2 and 3 wheelers will be introduce. Market will be set up in Gujarat, Maharashtra, Rajasthan &



RKB GLOBAL LTD

COLOUR COATED AND GALVANIZED COILS



Bare Galvalume Coils

Thickness : 0.20mm - 0.70mm

GSM : AZ70 & AZ150

GP Galvanized Coils

Thickness : 0.15mm - 2.00mm

Width : 762mm - 1500mm

GSM : 90gsm - 180gsm

Colour Coated Coils

PPGI

Thickness : 0.25mm - 1.5mm

Width : 1220mm & 1450mm

GSM : 90gsm and 120gsm

PPGL

Thickness : 0.15mm - 0.8mm

Width : 1220mm & 1450mm

GSM : AZ70 & AZ150

Manufacturer: JSW Steel Ltd., TATA Steel Ltd. & AMNS

COLOURS AVAILABLE IN COLOUR COATED COILS & SHEETS



5012 Sky Blue



5005 Royal Blue



Pepsi Blue



5018 Turquoise Blue



Brick Red



3020 Seco Red



Caulfield Green



6011 Mist Green



Reliance Green



Terracotta



7015 Grey



9002 Off White



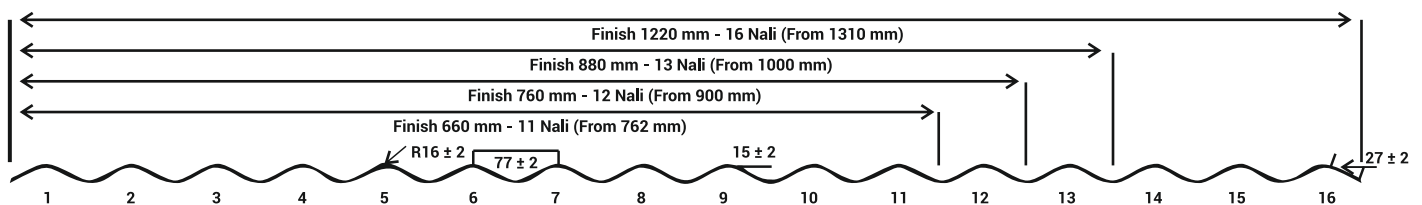
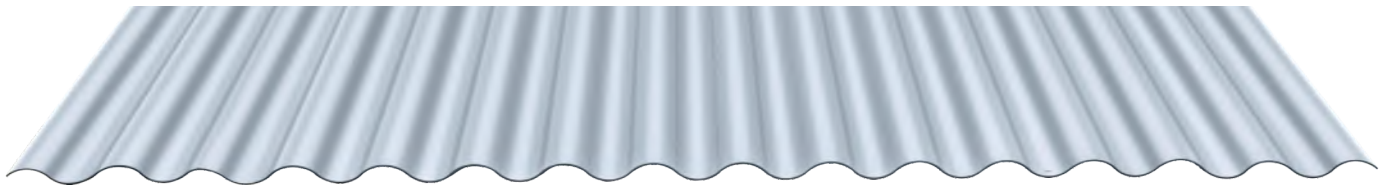
**Bare Galvalume
(Silver)**



RKB GLOBAL LTD

COLOUR COATED AND GALVANIZED CORRUGATED (GC) SHEETS

It is the roof that has to take of nature's extremities during its entire life and hence utmost care must be taken in selection of the right roofing material. Wrong choice of roofing and cladding can create losses in terms of human lives and materials in cases of natural disasters. RKB provides quality reliable Galvanized Corrugated sheets to meet today's challenging needs.



Colour Corrugated Sheets / GC Corrugated Sheets
Thickness : 0.15mm - 0.60mm
Length : 6ft. - 12ft.

GALVANIZED CORRUGATION SIZES		
INPUT WIDTH (MM)	GC WIDTH (MM)	NO. OF NALI
762	660	11 +/- 1
900	760 - 810	12 +/- 1
1000	880 - 910	13 +/- 1
1310	1220	16 +/- 1

INDUSTRY APPLICATION



Roofing



White goods



Automotive



Construction



Infrastructure



Shutter



RKB GLOBAL LTD

TRAPEZOIDAL PROFILE SHEETS

Virat Roofing & Pipes is the flagship retail brand of RKB Global Ltd, We are manufacturing and supplying a wide range of colour coated and aluminium – zinc coated roofing sheets, The sheets are manufactured using high-quality raw materials and are UV protected to prevent heat. These unbreakable sheets are largely appreciated for long service life, light-weight, low flammability and impact resistance. The roofing sheets are tested on various parameters for their optimum quality. We are one of the leading manufacturers and suppliers of Trapezoidal roofing sheets across India, with highest industrial standards. Our roofing sheets are supplied in multiple models, colour and sizes. Virat Roofing is setting roots deeply into the roofing industry.

WHY VIRAT ROOFING?

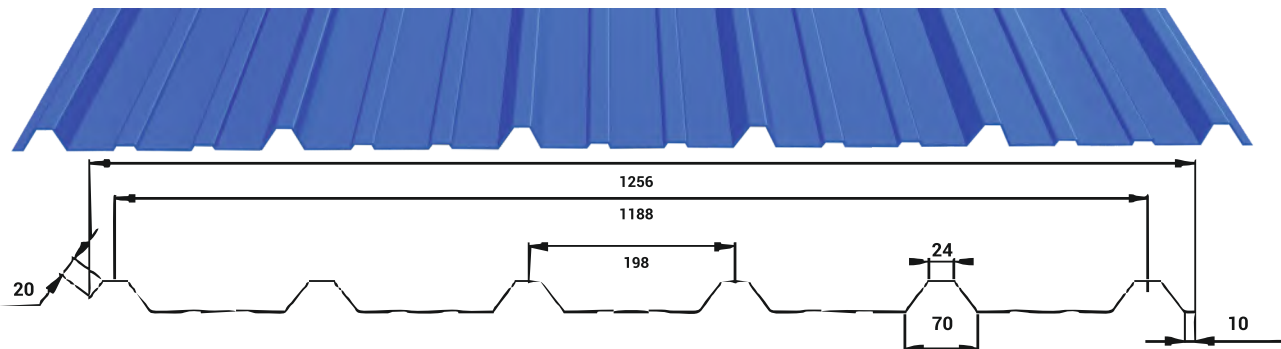
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|------------------------|----------------|
| HIGH MATERIAL STRENGTH | ANTI CORROSION |
| BETTER INSTALLATION | WEATHER PROOF |
| HEAT RESISTANT | LEAK PROOF |
| EASY TO CLEAN | LONG LASTING |
| ECO FRIENDLY | COST EFFICIENT |



SHEET SPECIFICATION

Thickness: 0.20mm - 1.60mm

XL: 7 RIB | Feeding Width: 1450mm | Effect Width: 1194mm | Finish: 1250mm
L: 6 RIB | Feeding Width: 1220mm | Effect Width: 995mm | Finish: 1071mm



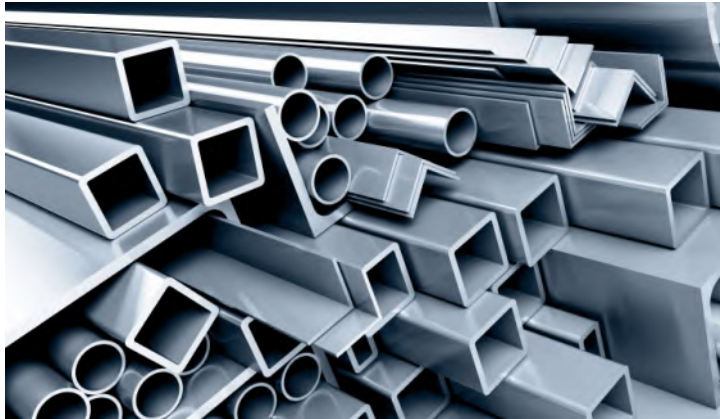
DESCRIPTION	COLOUR COATED STEEL COMPARISON (PPGI V/S PPGL)	
	PPGI	PPGL
Thickness	>= 0.25MM TO < 1.60MM	>= 0.25MM TO < 1.60MM
Width	>= 700MM TO <= 1,600MM	>= 700MM TO <= 1,600MM
Coil ID	508MM / 610MM	508MM / 610MM
Substrate	GALVANIZED (ZINC COATED) STEEL	ALU ZINC ALLOY COATED STEEL
Base Coating (GMS/M2)	90 - 275 GSM	70 - 200 GSM
Coating Thickness	20-50 MICRONS (TOTAL COATING THICKNESS INCLUDING TOP, BACK AND PRIMER)	20-50 MICRONS (TOTAL COATING THICKNESS INCLUDING TOP, BACK AND PRIMER)
Substrate Temper	CQ, FORMING, STRUCTURAL, HARD	CQ, FORMING, STRUCTURAL, HARD
Surface Finish	MATTE, SATIN, SEMI-GLOSS, HIGH GLOSS, TEXTURES & WRINKLES	MATTE, SATIN, SEMI-GLOSS, HIGH GLOSS, TEXTURES & WRINKLES
Lamination (PVC Film)	40 MICRONS	40 MICRONS
Ref. Standard	EN 10169, IS 14246, ASTM 755, JIS G3312, AS 2728	EN 10169, IS 15965, ASTM 755, JIS G3322, AS 2728
Base Steel Grade	IS 277, JIS G 3302, EN 10346, ASTM A653	IS 15961-2012 ASTM A792 M, AS 1397-2011
Coil Weight	12MT. MAX.	12MT. MAX.



VIRAT PIPES

RKB GLOBAL LTD

ERW MS AND GP PIPES



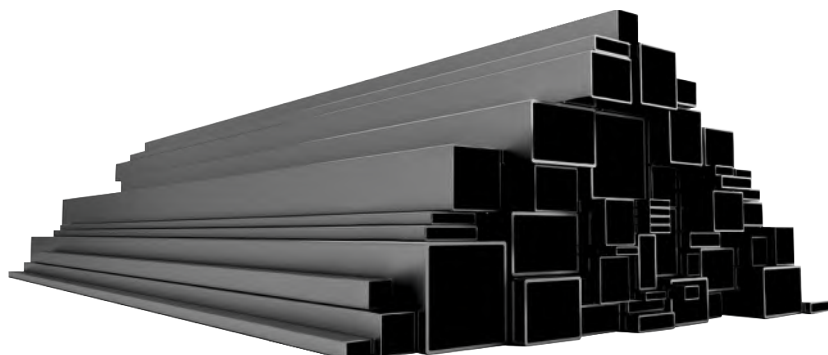
RKB Global Ltd. manufactures high tensile strength hollow sections which are used widely in various industries including infrastructure and construction. These sections come in various shapes, sizes and finishes. Most common among them include Rectangular Hollow Sections (RHS) and Square Hollow Sections (SHS). The superior quality product comes with a customizable size option to meet specific requirements.

MS - ROUND PIPES

SIZES IN MM			THICKNESS	
NB	OD	INCH	MIN MM	MAX MM
20	26.9	3/4	1.40	3.00
25	33.7	1	1.40	3.00
32	42.4	1 1/4	1.40	3.00
40	48.3	1 1/2	1.40	3.00
50	60.3	2	1.40	3.00
65	76.1	2 1/2	1.40	3.00
80	88.9	3	1.40	3.00



SQUARE HOLLOW SECTION (SHS)



SIZES IN MM	THICKNESS	
	MIN MM	MAX MM
19 x 19	0.80	2.50
25 x 25	0.80	2.50
30 x 30	0.80	2.50
38 x 38	0.80	2.50
40 x 40	1.00	3.00
50 x 50	1.00	3.00
60 x 60	1.00	3.00
72 x 72	1.00	3.00

INDUSTRY APPLICATION



Roofing



Fabrication



Automotive



Construction



Infrastructure

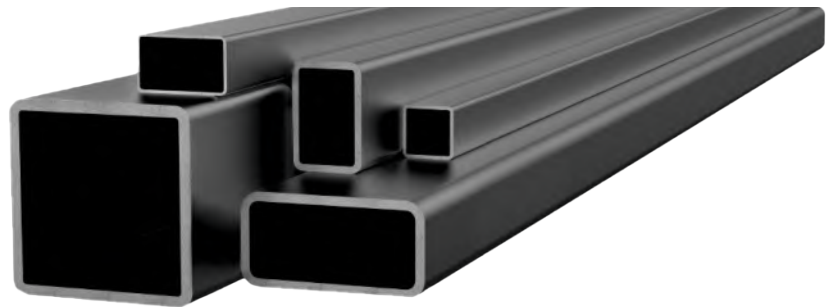


VIRAT PIPES

RKB GLOBAL LTD

RECTANGULAR HOLLOW SECTION (RHS)

SIZES IN MM	THICKNESS	
	MIN MM	MAX MM
20 x 30	1.00	2.50
20 x 40	1.00	2.50
25 x 50	1.00	2.50
40 x 60	1.00	3.00
40 x 80	1.60	3.00
96 x 48	1.60	3.00



GP ROUND PIPES



SIZES IN MM	THICKNESS		
	OD	INCH	MIN MM
20	3/4	1.00	2.00
25	1	1.00	2.00
32	1 1/4	1.00	2.00
40	1 1/2	1.00	2.00
50	2	1.00	2.00
65	2 1/2	1.00	2.00

GP SQUARE PIPES

SIZES IN MM	THICKNESS	
	MIN MM	MAX MM
20 x 20	1.00	2.00
25 x 25	1.00	2.00
32 x 32	1.00	2.00
38 x 38	1.00	2.00
40 x 40	1.00	2.00
50 x 50	1.00	2.00
60 x 60	1.00	2.00



GP RECTANGLE PIPES



SIZES IN MM	THICKNESS	
	MIN MM	MAX MM
40 x 20	1.00	2.00
50 x 25	1.00	2.00
60 x 40	1.00	2.00
80 x 40	1.00	2.00
96 x 48	1.00	2.00



WIRE RODS

RKB GLOBAL LTD

WIRE DRAWINGS

We “Virat Roofing” having Trademark of wire rod manufacturing brand of high- quality product like MS Binding Wire, Hard Bright Wires, MS Wires, Electrode Quality Wires, Annealed Wires, High Carbon Wires to our portfolio of offerings. Most of the raw material comes from reputed wire rod manufacturers we are able to provide wires as per the international standards and applicable for varied industries. Our speciality is to manufacture wires as per customer specifications and grades.

MS WIRES

Also known as Mild steel wire is a steel wire manufactured with low carbon contents. The carbon content in MS wire accounts for around 0.05% - 0.15%, which provides more fleibility.



THICKNESS: 0.8 - 5.0 mm

6swg | 12swg | 14swg | 16swg | 18swg | 20swg | 22swg

PACKAGING: As per requirement

TYPES OF MS WIRES

Electrode Quality Wires:

Welding Electrodes are usually manufactured with highly conductible Electrode Quality Wire Rods, drawn & coated with specialized chemicals. The tensile strength helps the electrodes to sustain a long-standing arc and are mostly applied in the welding processes of mild steels, galvanized, and low alloy steels.

Annealed Wires:

Also referred to as annealed tie wire - is low-carbon steel wire that has been annealed in furnace to increase its ductility and decrease its hardness.

High Carbon Wires:

High Carbon Wires are know for their hardness & high tensile strength, strictly as per customer specification. It can be offered in various finishes like drawn with clean surface, oiled & Packed and annealed.

Wires are manufacture as per customer's specifications by maintaining the properties like hardness, tensile strength, size tolerance and coil weight amongst others.

INDUSTRY APPLICATION



Construction



Fabrication



Fastners



Springs



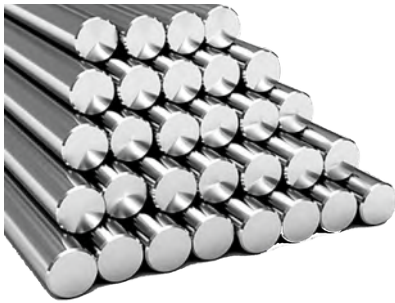
BRIGHT BARS

RKB GLOBAL LTD

BRIGHT BARS

We do manufacturing of Bright Bar at Zadkhair, Wada, Palghar, Maharashtra. We offer bright bars of various grades and sizes readily available & its also available as per customer order at plant. We produce Round, Hexagon & Square Bars. Our products ranges from 5mm to 15mm supplied in cold drawn and polished condition, the products comply with all major industrial requirements as per international standards.

TYPES OF BRIGHT BARS



BRIGHT BARS - ROUND	BRIGHT BARS - HEXAGON	BRIGHT BARS - SQUARE
THICKNESS: 5 - 15 mm	THICKNESS: 5 - 13 mm	THICKNESS: 5 - 10 mm
LENGTH: 2500 - 6000 mm	LENGTH: 2500 - 6000 mm	LENGTH: 2500 - 6000 mm
GRADE: EN Series & Alloy Steel	GRADE: EN Series & Alloy Steel	GRADE: EN Series & Alloy Steel

*Other sizes can be developed on request if there is regular requirement in quantity

INDUSTRY APPLICATION



Construction



Engineering



Automobiles



Manufacturing
of Tools



Manufacturing of
Machine Components



PEB STRUCTURES

RKB GLOBAL LTD

WHY CHOOSE PEB STRUCTURES

Civil & Steel works for complete metal building solutions

Pre-Engineered Buildings are the state-of-the-art steel solution to developing an efficient and cost-effective infrastructure. PEB's offer ultimate design flexibility and an extremely short construction time(right from initial design to completion). They are supplied as a fully furnished product along with steel structure, roofing, cladding and building accessories. They require no on-site fabrication or welding, they can simply be bolted together as per specifications. PEB's are best suited for warehouses, sports halls, factories, Workshops, distribution centers, on site shops, washrooms, dispensary, accomodation for staff & workers, cold storages, supermarkets, aircraft hangers or any good + multi-storey construction.

STRENGTHS OF PEB STRUCTURES

- Single source responsibility
- Low initial cost
- Engineering flexibility
- Faster overall project completion
- Low maintenance
- Fast modular expandability

ADVANTAGES OF PEB STRUCTURES

- Clear spans up to 100m without internal columns
- Flexibility in building dimensions
- Easy expansion
- Fixed deadlines and costs
- Weather-tight roof and wall coverings with accessories for long maintenance free exteriors





RKB GLOBAL LTD

PEBs ARE THE SMART WAY FORWARD

WHY PEBs are more efficient than conventional RCC / Concrete Buildings:

PEBs that HALF the construction time.

Usability of the building can be started earlier enabling faster return on investment (ROI).

Design flexibility and completely customisable in shape, cost and use.

Superior aesthetic value, better rain water drainage and connect to RCC structure.

Savings in cost of civil work. PEBs are lighter in weight thereby requiring lesser civil work.

No site fabrication required. Site work is minimized and largely hassle-free.

Vertical clearance from the floor can increase significantly from eaves to ridge creating more volumetric parameter.

PEB can be dismantled, at ease and can be re-erected at a totally different location.

Entire gamut of activities starting from inception to completion are being undertaken by a single entity resulting in efficient project control.

WHY PEBs?



Cost & Time Effective



Strong & Durable



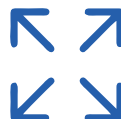
Tailor-made Solutions



Flexible & Adaptable



Can Withstand Against Natural Disasters



Expandable & Quickly Erectable

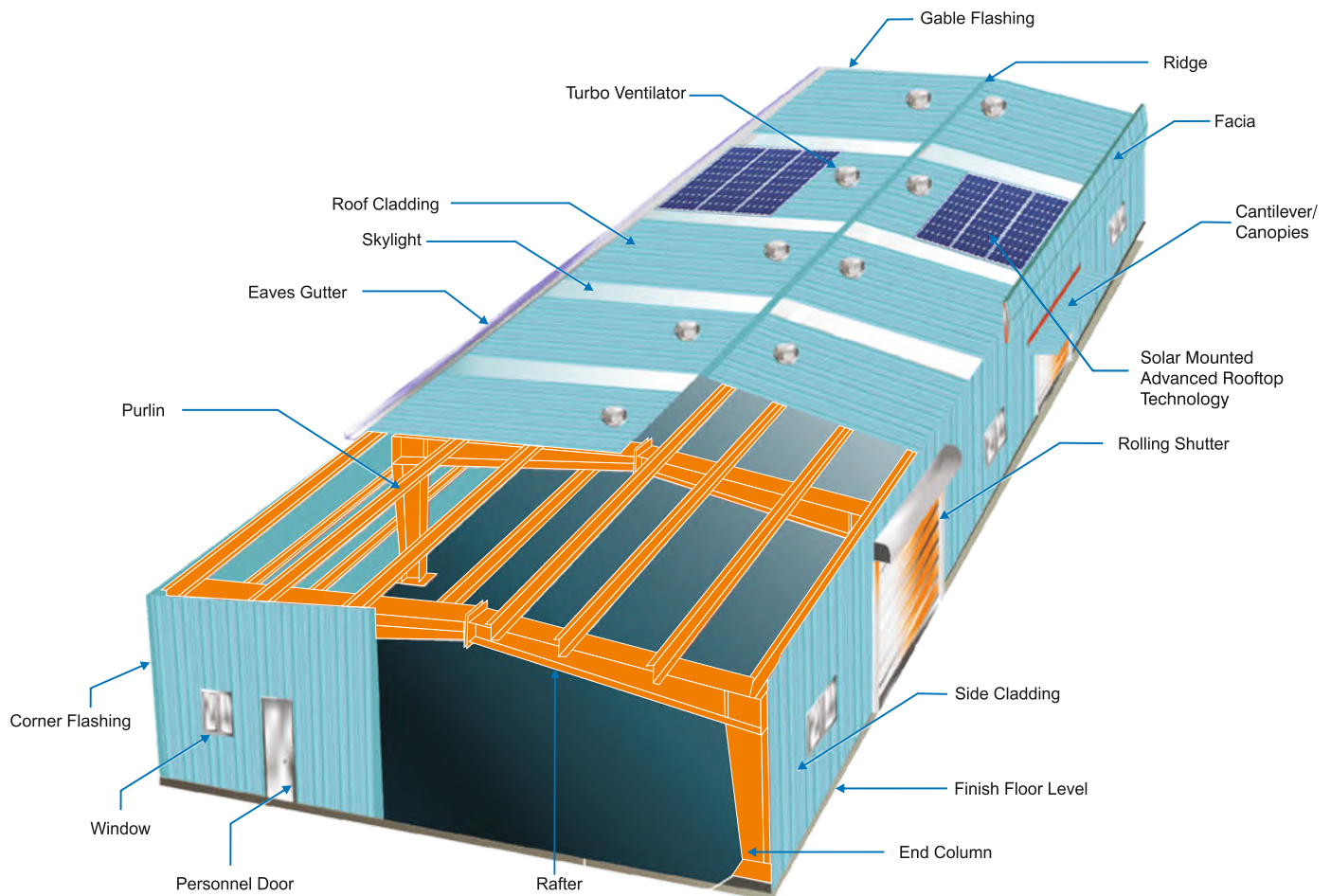


Eco-friendly & Energy Efficient



RKB GLOBAL LTD

PEB STRUCTURES - WORKING DRAWING



STRUCTURE PREPARE:

- Food grain Warehousing
- Cold storage at any location
- Storage facility at any location
- Restaurants / Shops as per design
- Data server station facility at site with cooling facility
- Worker / Staff colony at site
- Store room at site
- Medical facility with dispensary doctor rooms
- Rest room for executive

PEB Shed for storage of food grain company have execute the warehouse for food grain storage with MP Government & the work starts in four District (Kothotiya, Gaharwara, Kirhi, Umri) for a total development of 54,000 Sq. Ft.



RKB GLOBAL LTD

STRUCTURAL FRAMES

Multicolor Pre-engineered buildings are custom designed to meet your exact requirements. **The basic defining parameters are:**

Building Width: No matter what primary framing system is used, this is defined as distance from the outside of main framed column of one side wall to the outside of main framed column of the opposite side wall.

Building Length: It is the distance between the outside line of one side gable end column (end wall) to the outside line of gable end column (end wall) of the opposite side. Any length is possible.

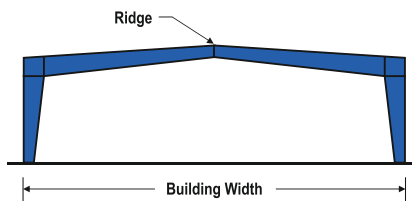
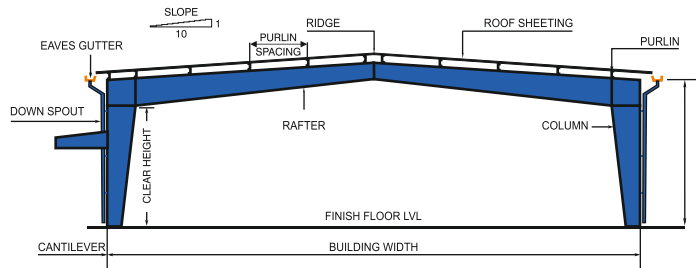
Building Height: It is the eave height which usually is the

distance from the bottom of the main framed column base plate to the top cap plate of the main framed column. When the columns are elevated from finished floor level, building height is the distance from finished floor level to the top of cap plate of the main framed column.

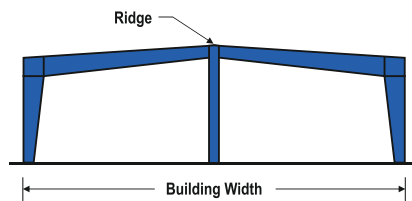
Bay Spacing: This is the distance between the centerline of two adjacent interior main framed columns

Roof Shape: This is angle of roof with respect to the horizontal. The most common roof slope is 1:10. Any practical roof slope is possible.

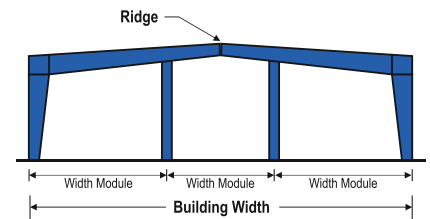
Clear Height: This is the distance between the finished floor level to the bottom of knee joint.



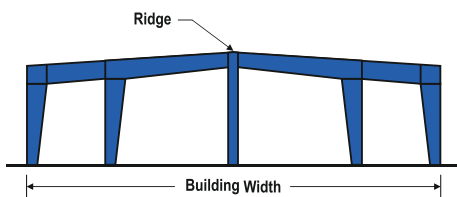
Clear Span



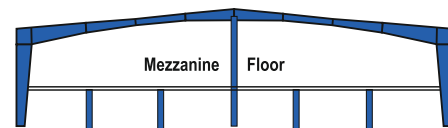
Multi Span "1"



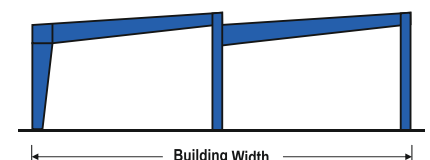
Multi Span "2"



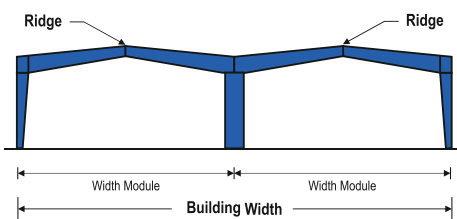
Multi Span "3"



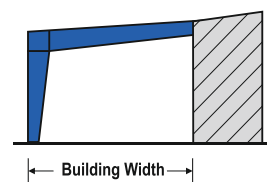
Mezzanine Floor



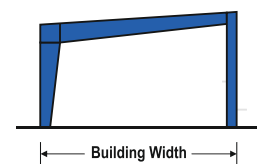
North Light



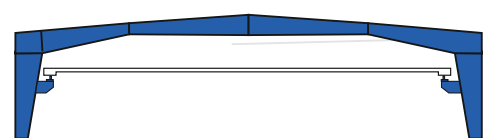
Multi Gable



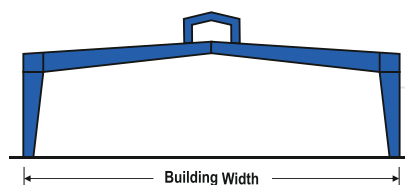
Lean To



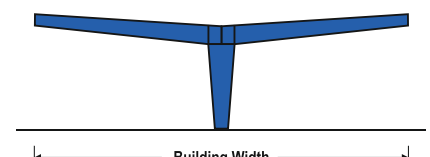
Mono Shape



EOT Crane



Monitor Type



Butterfly Canopy



RKB GLOBAL LTD

ROOF CLADDING SYSTEMS

RKB is manufacturing and supplying a wide range of colour coated and aluminum – zinc coated roofing sheets, The sheets are manufactured using high-quality raw materials and are UV protected to prevent heat. These unbreakable sheets are largely appreciated for long service life, light weight, low flammability and impact resistance, this sheets are tested on various parameters for their optimum quality.



SPECIFICATION

Material: Bare Galvalume | PPGL | PPGI | **Thickness:** 0.4 mm to 1 mm | **Material Strength:** 250, 300, 350 & 550 MPA

C & Z PURLIN SECTIONS

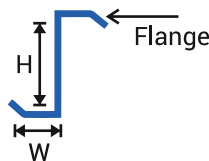
SPECIFICATION

Material: Hot Rolled (HR) | Cold Rolled (CR) | Galvanised
Thickness: 1 mm to 4 mm | **Material Strength:** 200, 250, 300 & 350 MPA



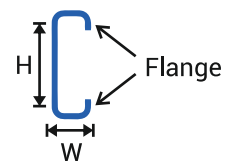
'Z' PURLIN

Height: 100 mm to 250 mm
Width: 45 mm to 75 mm
Flange: 15 mm to 20 mm



'C' PURLIN

Height: 100 mm to 250 mm
Width: 45 mm to 75 mm
Flange: 15 mm to 20 mm



MATERIAL SPECIFICATIONS FOR VARIOUS COMPONENTS

STEEL MATERIAL	SPECIFICATION	MINIMUM YIELD STRENGTH
PRIMARY MEMBERS PORTAL FRAMES / BUILYP FRAMES	ASTM A570 G 50/IS8500 or Equivalent	YS 345 mpa
SECONDARY MEMBERS COLD FORMED HR STEEL & GALVANISED STEEL	ASTM A570 or IS1079 . 10748 ASTM A653 MSSGR. 34, COATING 150/180 GSM	YS 245 or 345 mpa & YS 345
ROOF SHEETS & PANELS BARE GALVALUM & COLOUR COATED	ASTM A792M Grade D AZM150	YS 345 or 550 mpa
VALLEY GUTTER GALVANISED STEEL	IS 513 Grade O or D	YS 240 mps
MEZZANINE DECK PANELS GALVANISED STEEL	ASTM A 653 SS Grade 55, ZINC COATING 180 GSM	YS 550 mpa
DIAGONAL BRACING MEMBERS ROD ROUND BAR	ASTM A 36M / IS2062 or Equivalent	YS 245 mpa
HIGH STRENGTH BOLTS (RAFTER)	ASTM A 325M Grade 8.8 or Equivalent	UTS 830
ANCHOR BOLTS	ASTM A 36M / IS2062 or Equivalent	YS 245 mpa
GALVANISED MS BOLTS	ASTM A 36M / IS1367 or Equivalent	YS 245 mpa



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WELDING ELECTRODES

RKB GLOBAL LTD

VIRAT SUPERIOR WELDING ELECTRODES (6013 MILD STEEL ELECTRODES)

Virat Superior Welding Electrodes is a rutile based medium coated, all position electrode used for general purpose welding. The electrode is well suited for AC as well as DC (\pm). The weld metal possesses excellent mechanical properties and is of radiographic quality.



FEATURES

- Smooth and stable arc.
- Normal spatter with easily removable slag.
- Weld metal bead with uniform ripples and shining appearance.
- Balance coating formulation for suitability on DC as well as AC with low open circuit voltage.
- Very suitable for general purpose welding in all positions
- A Versatile electrode in its class.

USES

Virat Superior Welding Electrodes 6013 is suitable for welding of mild steel, sheet metals, steel structures and bridges, etc.

APPROVED BY

- Indian Register of Shipping - GR.2
- Bureau of Indian Standards

SPECIAL INSTRUCTIONS

- Keep the electrodes Dry
- Rebake the electrodes at 100° C for one hour before use.

CHEMICAL ANALYSIS OF THE WELD METAL

Elements	Range (%)
Carbon	0.10 max
Manganese	0.38 to 0.62
Silicon	0.30 max
Sulphur	0.03 max
Phosphorus	0.03 max

MECHANICAL PROPERTIES OF THE WELD METAL

	Range
Yield Strength (N/mm ²)	330 min.
Ultimate Tensile Strength (N/mm ²)	410 - 510
Elongation % on 5d	22 min.
Impact Strength (J) at 0°C	47 min.

CURRENT RANGE AND PACKING DETAILS

POLARITY: DC (\pm) / AC 50

Size (mm)	Length (mm)	Current range (Amps.)	No. of Pcs. / Pkt.	No. of Pkt. / Case	No. of Pcs / Case
2.50	350	60 - 90	135	6	810
3.15	350	100 - 140	90	6	540
4.00	450	140 - 180	60	6	360
5.00	450	200 - 240	40	6	240



RKB GLOBAL LTD

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RKB GLOBAL LIMITED

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Plant Facility: Plot # 22, Zadkhair Wada,
Kondala Road, Palghar 421 312. Maharashtra.

Warehousing Facility: Plot No. 1786, Road No. 26,
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Navi Mumbai 410 218.

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Hemanta Basu Sarani, Kolkata, West Bengal 700 001.



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CHANNEL PARTNERS



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BRANCH OFFICES PAN INDIA

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• Ernakulam (Kochi) • Kolkata (West Bengal)

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