



***Engineered for
excellence.
Built for the future.***



RKPEB

We Built The Trust, Quality Built Us.

ABOUT US

RKPEB is a leading name in Pre-Engineered Building (PEB) solutions, combining engineering excellence with cutting-edge technology.

From concept to completion, we specialize in designing, fabricating, and erecting durable, high-performance steel structures that stand the test of time, terrain, and technology.

With a commitment to quality, precision, and client satisfaction, RKPEB has become a trusted partner for industries across India – delivering projects that reflect strength, speed, and structural integrity.



ISO 9001:2015 Certified Company

Ensuring internationally recognized quality standards and consistent project execution.



Vision- To be India's most reliable and innovative PEB solution provider.

Mission- To build long-lasting partnerships through quality and trust.

360° PEB SOLUTIONS

Structural Systems

- Primary Frames (Rafters, Columns, Beams)
- Secondary Members (Purlins, Girts, Eave Struts)
- Mezzanine Floors & Deck Sheets
- Canopies & Extensions

Roofing & Cladding

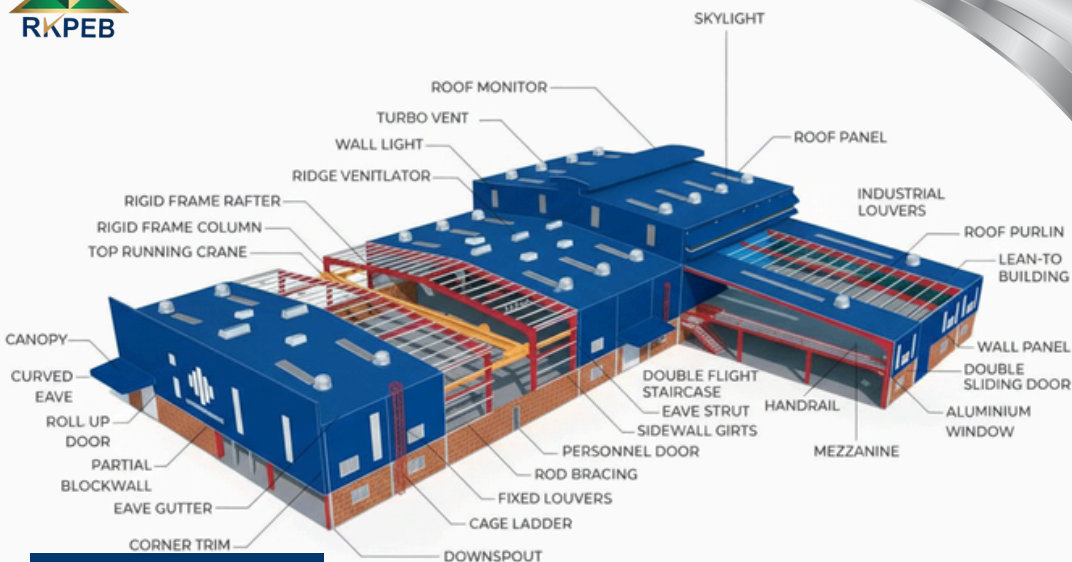
- ZipZac Standing Seam Roofing Sheets
- Wall Cladding metal sheets
- Insulated Roofing Systems
- Skylights & Daylight Panels

Accessories & Components

- Bracings, Sag Rods, Anchor Bolts
- Turbo Vents & Ridge Ventilators
- Louvers & Gutters
- All type of flashings, ridges, Trims, Crimp, Curve sheets bar, corner
- All Types of Insulation

Engineering & Execution

- Design & Detailing
- Fabrication & Manufacturing
- Supply & Erection
- Maintenance
- Expansion



PEB – At a Glance

What is a Pre-Engineered Building (PEB)?

A Pre-Engineered Building (PEB) is a modern construction solution where steel structures are designed, fabricated, and assembled with precision. All components are manufactured in a controlled factory environment and then bolted together on-site, ensuring speed, quality, and consistency.

At RKPEB, we deliver custom-engineered steel buildings that meet every client's unique requirements with strength, efficiency, and style.

Main Components of a PEB

- **Primary Framing:** Rigid steel frames forming the main structural system.
- **Secondary Members:** Purlins, Girts, and Eave Struts – cold-formed, lightweight, and strong.
- **Roof & Wall Sheeting:** Durable, coated steel panels with insulation options.
- **Crane Systems:** For efficient material handling in industrial buildings.
- **Mezzanine Floors:** Additional space for offices or storage.

Benefits of PEBs

- **⚙️ Faster Construction:** Completion time 60% quicker than traditional methods.
- **💰 Cost-Effective:** Saves up to 30–35% in material and labor.
- **🔧 Customizable Design:** Flexible width, height, and aesthetics.
- **🏠 Durable & Reliable:** Built to withstand harsh weather and seismic loads.
- **🔧 Low Maintenance:** Corrosion-resistant materials ensure long life and minimal upkeep.



Faster
Construction



Cost-Effective



Customizable
Design



Durable &
Reliable



Low
Maintenance

Smart Steel. Faster Builds. Proven Performance.

ACTIVITIES OF PRE-ENGINEERED BUILDINGS

From concept to commissioning — complete PEB expertise under one roof



Designing



Engineering
& Detailing



Manufacturing



Supplying &
Erection



Cladding



APPLICATIONS



Industrial Shed
& Warehouses



Factories &
Workshops



Commercial
Buildings &
Offices

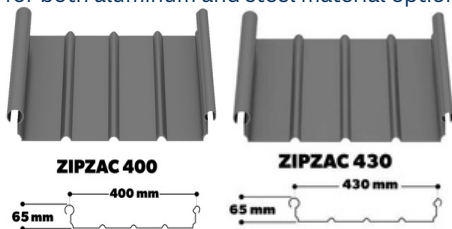


Institutions &
Public Facilities

Why Choose RKPEB?

-  • In-house design & detailing team
-  • ISO-standard quality checks
-  • Fast-track project delivery
-  • Transparent communication
-  • 100+ successful PEB installations

- RKPEB ZIPZAC is a technologically advanced concealed fix standing seam roofing system that creates a sleek and modern appearance. This innovative system eliminates the need for through fasteners, providing unmatched performance and total elimination of leaks.
- ZIPZAC panels are available in two effective widths – 400 mm and 430 mm – with a seam height of 65 mm. They can be used for roofs and walls, including curved applications, and are suitable for both aluminum and steel material options



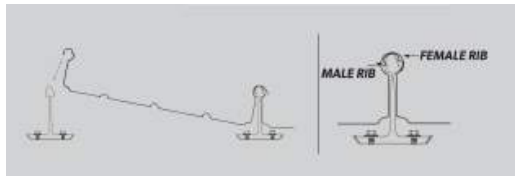
Profile Dimensions			
Profile	Effective Width	Crest	Pitch
ZipZAC 400	400mm	65mm	400mm
ZipZAC 430	430mm	65mm	430mm

Material Options

Galvalume / PPGL	Gauge (mm)
AZ 150 245/300/345 MPa	
Aluminium	Gauge (mm)
Mill Finish (Plain / Stucco Embossed) Colour Coated	0.80 to 1.20

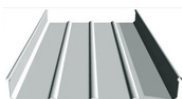
QUICK & EASY INSTALLATION

- Zipzac clips are screwed on to the purlins as per correct fixing direction.
- Zipzac sheets are layered & fixed on the clip in such a manner that female rib is on top of the male rib of previous sheet.
- First manual Pinching is done on the side laps & then final locking is done using seaming machine.



For any installation related queries please contact our technical team for guidance.

Profile Shapes



Straight



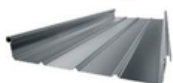
Curve(Convex)



Curve(Concave)



Curve(Complex)

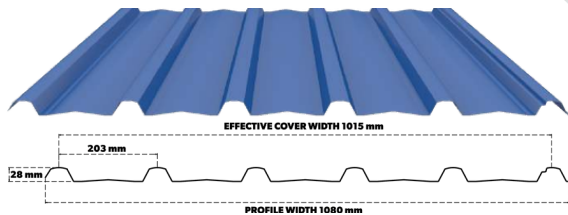


Tapered

TRIMZAC

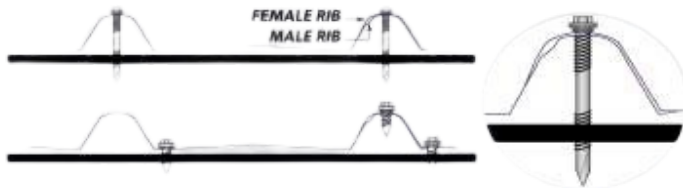
A Smart Trapezoid

TRIMZAC is a subtle, elegant trapezoidal profile sheet offering high strength and modern aesthetics. Its wide coverage and anti-capillary groove provide excellent drainage and long-lasting performance.



QUICK & EASY INSTALLATION

RKPEB TrimZac sheets being trapezoidal in shape and light weight can be easily installed using self-drilling screws on to roof purlins. For roof fixing screws are placed on the crest and for wall application screws are generally placed in the valley. Selection of the screws should be carefully done depending on the application. The end rib with anti-capillary groove is always under the lap.



Profile Dimensions				
Profile	Cover Width	Crest	Pitch	Sheet Width
TrimZAC	1015mm	28mm	203mm	1080mm

Material Options

Galvanised / PPGL	Gauge (mm)
Z 120 245/345/550 MPa	0.40 to 0.80
Z 275 245/345/550 MPa	

Galvalume / PPGL	Gauge (mm)
AZ 150 245/345/550 MPa	0.40 to 0.80
AZ 200 245/345/550 MPa	

Aluminium	Gauge (mm)
Mill Finish (Plain/Stucco Embossed)	0.60 to 1.20
Color Coated	

RIBZAC

A Hi-Strength Rib Trapezoid

- RKPEB RIBZAC is a strong and stylish trapezoidal profile sheet ideal for industrial, commercial, and residential roofing or cladding. Its deep ribs and mini stiffening ribs provide excellent strength, long spanning capability, and superior drainage.
- It offers **1000 mm effective cover width** and **1090 mm supply width** with **35 mm deep ribs** spaced at **250 mm pitch centre-to-centre**. The end ribs feature an anti-capillary groove to prevent leakage and a return leg for extra side-lap support. RIBZAC can be cranked, curved, or bullnosed, and is available in custom lengths, materials, and colours.

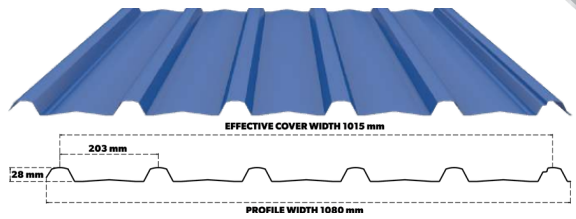


Profile Dimensions				
Profile	Cover Width	Crest	Pitch	Sheet Width
RibZAC	1000mm	35mm	250mm	1090mm

A length variation range of ± 10.0 mm, and width tolerance of ± 6.0 mm is permissible.

TRAPEZOIDAL PROFILE SHEETS

Trapezoidal Profile Sheets are a subtle and elegant roofing solution designed to deliver superior strength along with modern aesthetics. Engineered with a wide coverage area, these sheets ensure faster installation, reduced structural load, and overall cost efficiency.

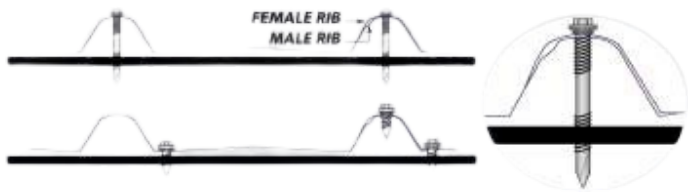


The sheets are equipped with an advanced **anti-capillary groove**, which effectively prevents water leakage and enhances drainage performance. Built for durability, they provide long-lasting protection, making them ideal for **industrial, commercial, and residential applications**.

QUICK & EASY INSTALLATION

Designed with a lightweight trapezoidal profile, these sheets offer quick and hassle-free installation. They can be easily fixed onto roof purlins using **self-drilling screws**, ensuring secure and efficient fitting.

- For **roof applications**, screws are installed on the **crest** to prevent leakage and ensure strong support.
- For **wall applications**, screws are typically fixed in the **valley** for better stability and alignment. Proper selection of screws based on the application is essential for optimal performance.
- Additionally, the **end rib with anti-capillary groove** is always positioned under the lap, preventing water ingress and ensuring superior weather protection.



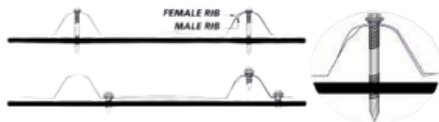
Material Options

Profile Dimesnsions			
Cover Width	Crest	Pitch	Sheet Width
1015mm	28mm	203mm	1080mm

Galvanised / PPGI	Gauage (mm)
Z 120 245/345/550 MPa	0.40 to 0.80
Z 275 245/345/550 MPa	
Galvalume / PPGL	Gauage (mm)
AZ 150 245/345/550 MPa	0.40 to 0.80
AZ 200 245/345/550 MPa	

QUICK & EASY INSTALLATION

RKPEB RibZac sheets being trapezoidal in shape & lightweight can be easily installed using self-drilling screws on to roof purlins. For roof fixing, screws are placed on the crest and for wall applications, screws are generally placed in the valley. Selection of screws should be carefully done depending on the application. The end Rib with anti-capillary groove is always under the lap.



Material Options

Galvanised / PPGI	Gauge (mm)
Z 120 245/345/550 MPa	0.40 to 0.80
Z 275 245/345/550 MPa	
Galvalume / PPGL	Gauge (mm)
AZ 150 245/345/550 MPa	0.40 to 0.80
AZ 200 245/345/550 MPa	
Aluminium	Gauge (mm)
Mill Finish (Plain/Stucco Embossed)	0.60 to 1.20
Color Coated	



- DEKZAC is an innovative, robust trapezoidal steel decking profile designed to function as permanent formwork while providing a strong and reliable working platform.
- DEKZAC is designed to support dead and imposed construction loads, and it can be used for all types of steel, reinforced concrete, and composite floor slabs. This makes it especially suitable for the construction of multi-storey buildings and large infrastructure projects. Its excellent strength-to-weight ratio makes it ideal for long spans and heavy construction applications.
- The DEKZAC panel has a rib depth of 51 mm and provides an effective cover width of 960 mm. The profile's embossments ensure superior mechanical interlocking between steel and concrete. In the assembled state, the system features interlocking male and female ribs at every side-lap joint, ensuring high structural integrity. It is available in customized lengths as per project requirements.



DekZAC: Product Data Sheet

DEKZAC™ : ALLOWABLE LOADS IN KG. PER METRE WIDTH OF SHEET (i.e. KG / SQ.M)											
THK. (in mm)	APPROX. WT PER METRE LENGTH OF PROFILE	MODULUS OF SECTION (cm ³)	MATERIAL GRADE (Fy in Mpa)	SPAN IN METRES							
				1.00	1.20	1.40	1.60	1.80	2.00	2.50	3.00
0.8	7.66 KG/M	16.79	250	2015	1399	1028	787	622	504	322	224
1.0	9.59 KG/M	22.50	250	2700	1875	1377	1055	833	675	432	300
1.2	11.50 KG/M	27.63	250	3315	2302	1691	1295	1023	829	530	368
0.8	7.66 KG/M	16.16	350	2482	1724	1266	969	766	620	397	276
1.0	9.59 KG/M	21.72	350	3336	2317	1702	1303	1030	834	534	371
1.2	11.50 KG/M	27.47	350	4219	2930	2153	1648	1302	1055	675	469
0.8	7.66 KG/M	14.63	550	3862	2682	1970	1508	1192	965	618	429
1.0	9.59 KG/M	19.71	550	5202	3613	2654	2032	1606	1301	1060	688
1.2	11.50 KG/M	25.09	550	6625	4600	3380	2588	2045	1656	1150	876

ZAC PURLINS

- Purlins are roof framing members that span parallel to the building eave and support the roof decking or sheeting. The purlins in turn support the rafters or walls in structural constructions. The purlins are generally cold-formed in shapes of C and Z or channels that enable them to transfer the roof load to the major structural elements.
- Our specially designed Z & C purlins not only provide economy to the building construction but also help in keeping the site clean and environment-friendly. These sections are accurately roll-formed from high strength zinc-coated steel, pre-punched, and cut to customized dimensions & cut to customized length to provide an efficient, lightweight, economical solution.
- These products are suitable for roof, wall support and portal framing applications.

Available Sizes

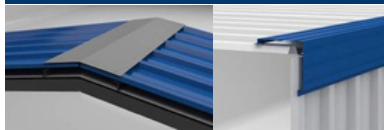
- Thickness upto 3 mm
- Depth upto 300 mm

ACCESSORIES

Selecting the right set of accessories is just as important as choosing an appropriate material and roofing/cladding profile.

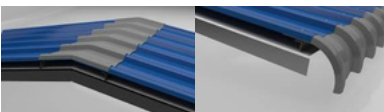
With Z Purlins, Roofing Sheets, and Structural Steel Members, the building can be equipped with the right accessories that not only enhance the aesthetics of the building but also maintain water tightness, ensuring longevity.

RIDGES, TRIMS & FLASHINGS



- Ridges, trims & flashings are essential components of the roof and wall cladding systems as they provide a weather-tight seal and aesthetic finish to the edges and joints.
- They help in preventing water leakage and improve the overall look of the building.
- Crimp / Curve sheets are used to enhance the visual appearance and aesthetics of the building. These sheets can be manufactured to a required curvature to suit architectural designs and also reduce the number of joints in the roofing/cladding system.
- Manufactured using high quality Zinc-Aluminium coated steel, these sheets ensure superior durability and strength.

CRIMP / CURVE SHEETS



GUTTERS & DOWNTAKES



ALU. / SS / GI / MS/ PPGL / PPGI

- Gutters and Downpipes are used to channelize the rainwater collected on the roof away from the building. They are designed to suit the structure and ensure effective drainage.
- Manufactured from colour-coated sheets, they are highly durable and corrosion-resistant, ensuring long-lasting performance.

VENTILATION SOLUTIONS

Proper ventilation is vital for maintaining a fresh, healthy, and comfortable environment inside industrial buildings. It prevents humidity, condensation, and heat buildup while allowing natural airflow and light. RKPEB offers durable, dust and water resistant ventilation systems designed for efficiency and long life.

Louvers-Enhance ventilation and add a modern architectural look to your building. Made from high-quality Galvalume and Zincalume sheets, our louvers are corrosion-resistant, maintenance-free, and suitable for both exterior and interior use.



Turbo Ventilators-Powered by natural wind energy, turbo ventilators efficiently remove heat, fumes, and smoke, keeping interiors cool and comfortable. Crafted from stainless steel and aluminum, they offer rust-free, maintenance-free performance and ensure fresh air circulation all year round.



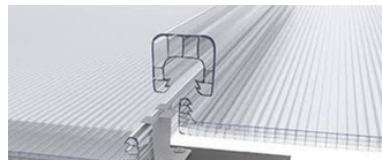
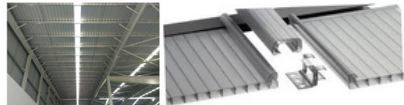
Ridge Ventilators-Installed along the roof ridge, these ventilators provide uniform air circulation and effective ventilation under all weather conditions. Built from premium Galvalume sheets, they are durable, corrosion-resistant, and can be customized to match your structural design.



NATURAL LIGHTING SYSTEM

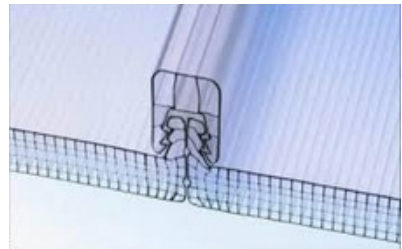
- At RKPEB, we provide advanced Natural Lighting Systems that enhance brightness, reduce energy costs, and create a comfortable indoor environment.
- Using high-quality Polycarbonate Sheets, our solutions allow natural daylight to flow through industrial, commercial, and warehouse spaces — reducing the need for artificial lighting and improving energy efficiency.
- Our natural lighting products are durable, lightweight, UV-protected, and weather-resistant, ensuring long-lasting performance with minimal maintenance.

Polycarbonate Sheets-Our Polycarbonate Sheets are made from strong thermoplastic material known for high impact strength, excellent clarity, and superior weather resistance. These sheets are extensively used for roofing, cladding, skylights, canopies, and sidewalls, offering a perfect balance of strength and light transmission.



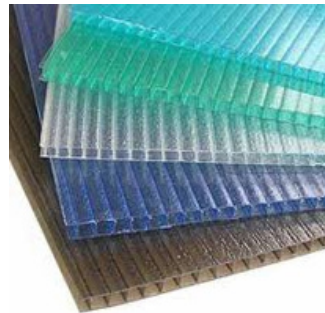
Solid Polycarbonate Sheets-Solid Polycarbonate Sheets offer glass-like transparency with unmatched strength. They are impact-resistant, easy to install, and ideal for areas requiring high clarity and safety.

- ✓ Ideal for skylights, domes, glazing, façades, and roofing.
- ✓ Available in various thicknesses, colors, and sizes.
- ✓ Provide UV protection and long service life.



Multiwall Polycarbonate Sheets-Multiwall Polycarbonate Sheets are known for their lightweight structure, excellent thermal insulation, and strength. Their multi-layered design reduces heat transfer, making them perfect for energy-efficient roofing and wall cladding.

- ✓ Used in warehouses, greenhouses, canopies, and industrial buildings.
- ✓ Offer UV stability, high durability, and aesthetic appeal.

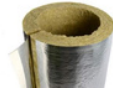


INSULATION SOLUTIONS

Enhance comfort and energy efficiency with our premium insulation systems designed for industrial and commercial buildings. Available in various types and specifications to suit roof and wall applications.

INSULATED SYSTEMS

Rockwool Insulation – Excellent thermal and acoustic protection with durable performance.



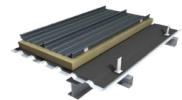
Bubble Insulation – Lightweight reflective insulation ideal for roofs and walls.



PUF Sheets – High-strength polyurethane foam panels offering superior energy saving and weather resistance.



Single / Double Skin Systems – Insulated roof and wall systems that reduce heat, humidity, and noise for long-lasting comfort.



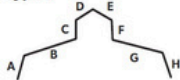
TRIMS & FLASHINGS

Profile types

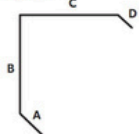
Type 1



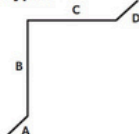
Type 2



Type 3



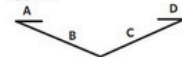
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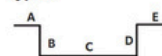
Type 5



Type 6



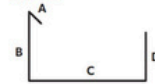
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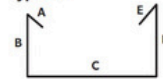
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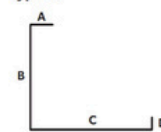
Type 9



Type 10



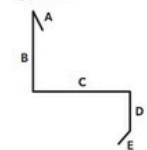
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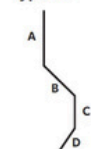
Type 12



Type 13



Type 14

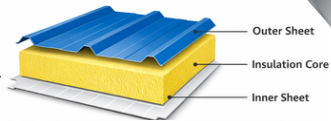


PUF / PIR Insulated Sandwich Panels

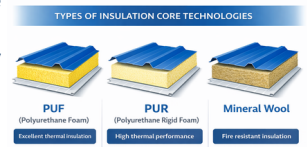
RKPEB Insulated Panels are factory-engineered building systems used for roofing and wall cladding in modern structures.

These panels consist of an insulation core such as **PUF**, **PUR**, or **Mineral Wool**, sandwiched between two metal sheets.

The outer sheet protects the panel from weather and corrosion while the inner liner provides a finished interior surface. This layered structure helps improve thermal insulation, durability, and energy efficiency in buildings.



TYPES OF INSULATION CORE TECHNOLOGIES



- 1. PUF (Polyurethane Foam):** Provides excellent thermal insulation and helps maintain consistent indoor temperature while reducing energy consumption.
- 2. PUR (Polyurethane Rigid Foam):** A widely used insulation material known for strong thermal performance and resistance to moisture.
- 3. Mineral Wool:** Made from natural mineral fibres and offers high fire resistance and sound insulation, making it suitable for buildings requiring enhanced fire safety.

PUFF PROPERTIES

Properties	Polyurethane Foam (PUR)	Polyisocyanurate Foam (PIR)
Insulation	CFC & HCFC Free Rigid Polyurethane Foam (PUF) As Per IS 12436 Standard	CFC & HCFC Free Rigid Polyisocyanurate Foam (PIR) As Per IS 12436 Standard
Foam Overall Density	40 +/- 2 Kg / cu.m	40 +/- 2 Kg / cu.m
Foam Thermal Conductivity (K-Value) at 10°C mean Temp.	0.023 W/m k	0.023 W/m k
Compressive Strength @ 10% deformation	2.10 Kg/sq.cm	2.10 Kg/sq.cm
Tensile Strength	2.5 Kg/sq.cm	2.5 Kg/sq.cm
Flexural / Bending Strength	3.0 Kg/sq.cm	3.0 Kg/sq.cm
Shear Strength	2.5 Kg/sq.m	2.5 Kg/sq.m
Closed Cell Contents	90-95%	90-95%
Horizontal Burning Characteristics	125 mm (Extent of Burn)- Max, Fire Retardant, Self Extinguishing Quality Foam	25 mm (Extent of Burn)- Max, Fire Retardant, Self Extinguishing Quality Foam
Water absorption	0.2% volume at 100% RH, -Max	0.2% volume at 100% RH, -Max
Water Vapour Permeability	0.12 ng/pasm at 88% RH & 38°C-Max	0.12 ng/pasm at 88% RH & 38°C-Max
Dimensional Stability at - 25°C Cold Temp.	± 2%	± 2%
Dimensional Stability at +70°C Cold Temp.	± 2%	± 2%

KEY FEATURES

- ⚡ Thermal Insulation
- 🏠 Lightweight but Strong
- ☔ Weather Resistant
- 🔊 Sound Insulation
- 🔥 Fire Resistance
- ⚙️ Easy & Fast Installation

ADVANTAGES

- ❄️ Energy Efficient
- 🌡️ Stable Indoor Temperature
- 🕒 Faster Construction
- 🔧 Low Maintenance
- 🏢 Ideal for Industrial Buildings

FIRE SAFE & FIBER SAFE PANELS

- 💧 Zero Moisture Ingress
- 🌬️ Prevents Air Infiltration
- 🦠 No Mould or Bacteria Growth
- 🔥 High Fire Safety
- ♻️ Long-Term Thermal Reliability

PRODUCT PROFILE

RKPEB insulated panels can be customized with different surface finishes: Vinyl, Laminate, Plywood, Aluminium Composite Panel (ACP), Stainless Steel (SS), Cement Board

PRODUCT PROFILE

Customizable Surface Finishes for Insulated Panels



RKPEB Wall Insulated Panels



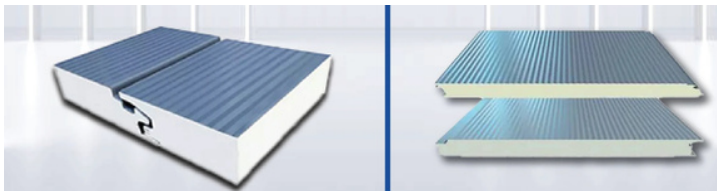
RKPEB Wall Insulated Panels are high-performance sandwich panels designed to provide excellent thermal insulation, structural strength, and modern aesthetics. These panels are widely used in industrial, commercial, and infrastructure projects where energy efficiency and durability are important.

Manufactured using premium materials and advanced technology, RKPEB wall panels ensure long-lasting performance, weather protection, and easy installation, making them an ideal solution for modern construction.

Product Specification

Design Profile	Insulated PUR & PIR Panels with tongue
Density:	PUR $40 \pm 2\text{kg/m}^3$ and PIR $45 \pm 2\text{kg/m}^3$
Steel Type:	PPGI, PPGL
Sheets Profile	Baby Ribs, Micro Ribs, Plain
Length	Standard length from 2 m to 15 m
Cover Width	1000 mm, 1145 mm
Thickness	30,40,50, 60, 80, 100, 120, 150 mm

HIDDEN SCREW WALL PANELS

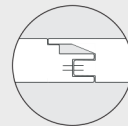
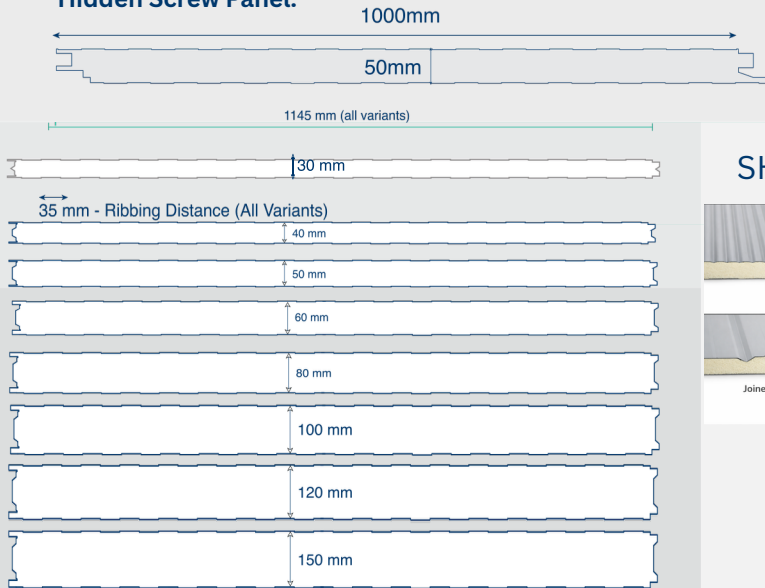


Modern, Seamless & High-Performance Wall Cladding
RKPEB Hidden Screw Wall Panels are an advanced wall cladding solution designed for modern construction. These panels combine strength, insulation, and aesthetic appeal, making them ideal for industrial, commercial, and residential buildings. The hidden fastening system ensures that screws are not visible on the surface, creating a clean, smooth, and premium finish while also improving weather protection and durability.

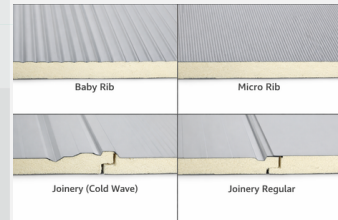
Product Specification

Design Profile	Insulated PUR & PIR Panels with
Sheets Profile	Baby Ribs, Micro Ribs, Plain
Length	Standard length from 2 m to 15 m
Cover Width	1000 mm
Thickness	50 mm available

Hidden Screw Panel:

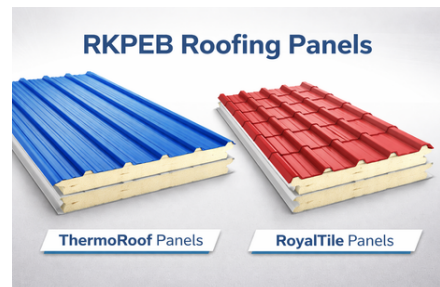


SHEET PROFILES



Roofing Panels

RKPEB Roofing Panels are designed to provide durable, energy-efficient, and high-performance roofing solutions for industrial, commercial, and residential buildings. Manufactured using advanced technology and high-quality materials, these panels ensure excellent thermal insulation, structural strength, and long-term durability.



Available in multiple colors and thickness options, RKPEB roofing panels allow quick installation and reliable weather protection. Their insulated core helps maintain internal temperatures, improving energy efficiency and reducing operational costs for various industries. From factories and warehouses to modern homes and commercial spaces, RKPEB roofing panels are a trusted solution for modern construction projects.

RKPEB ThermoRoof Panels

RKPEB ThermoRoof Panels are insulated PUF roofing panels designed for superior thermal performance and structural durability. These panels consist of high-quality metal sheets bonded with a polyurethane foam core, providing excellent insulation and strength. Engineered for industrial and commercial structures, ThermoRoof panels help maintain indoor temperatures, protect against harsh weather conditions, and ensure long-lasting performance.

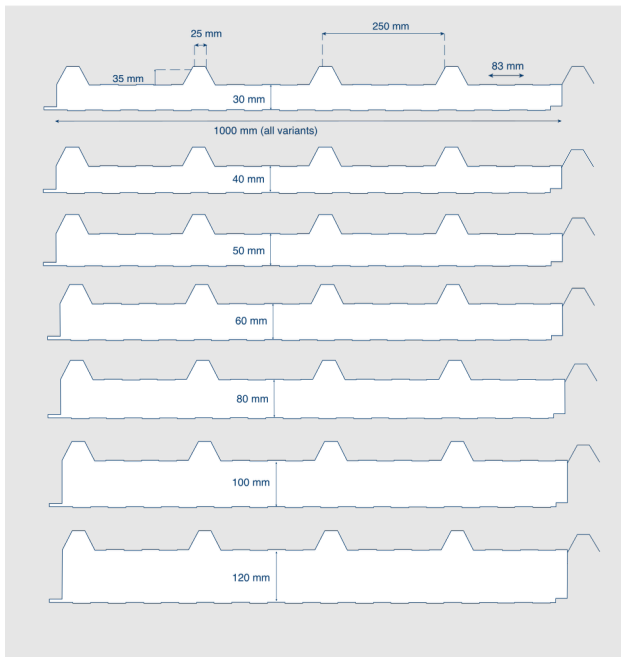


PANEL SPECIFICATION

RKPEB1000 Roof					
Panel Thickness(mm)	50	80	100	120	150
Overall Thickness(mm)	58	88	138	158	188
Overall Thickness(mm)	58	88	138	158	188
U-Value(W/m2k)	0.9	0.56	0.45	0.37	0.3
R-Value (W/m2k)	1.1	1.8	2.2	2.7	3.3
Weight(Kg/m2)	6.3	9	11.2	13	16

Specifications of Roofing Panels

Insulation Material:	PUR 40 ± 2kg/m ³ , PIR 45 ± 2kg/m ³ Design Top Profile: Insulated
Sheet Type:	PPGI & PPGL, Aluminum Foil (at bottom).
Length	2 to 15 Meters
Cover Width	1000 mm
Thickness	30, 40, 50, 60, 80, 100, 120, 150 mm available.



RKPEB RoyalTile Panels

RKPEB RoyalTile Panels combine the classic appearance of traditional roof tiles with the durability of modern metal roofing. These panels provide a stylish roofing solution while offering excellent protection against weather and environmental conditions.

RoyalTile panels are ideal for projects where both aesthetics and performance are important, making them perfect for residential and commercial buildings.



Specifications of Tile Profile Roof Panel

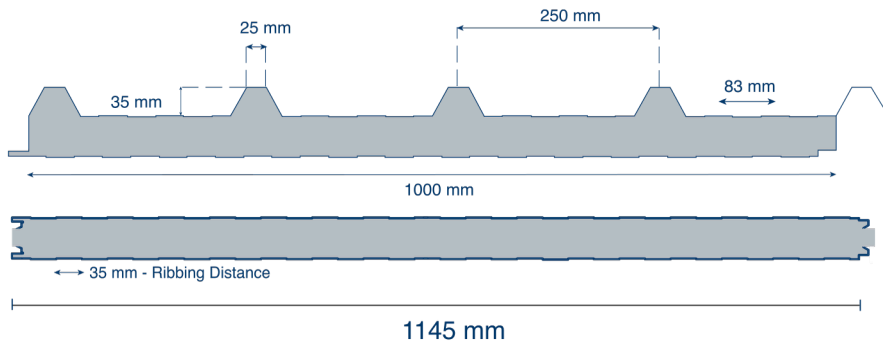


Insulation Material:	PUR $40 \pm 2 \text{ kg/m}^3$, PIR $45 \pm 2 \text{ kg/m}^3$
Design Top Profile:	Insulated trapezoidal roof
Sheet Type:	PPGI & PPGL, Aluminum Foil (at
Length	2 to 5 Meters
Cover Width	1000 mm
Thickness	30, 40, 50, 60, 80, 100, 120, 150

RKPEB FireShield Rockwool Panels

RKPEB FireShield Rockwool Panels are high-quality insulated sandwich panels designed to deliver maximum fire protection, excellent acoustic insulation, and superior thermal performance. These panels are manufactured using high-density rockwool insulation sandwiched between durable metal sheets, creating a strong and reliable building solution.

Engineered for safety and durability, RKPEB FireShield panels are ideal for applications where fire resistance, noise control, and thermal insulation are critical. Their robust construction ensures long service life, structural stability, and reliable performance in demanding industrial environments.



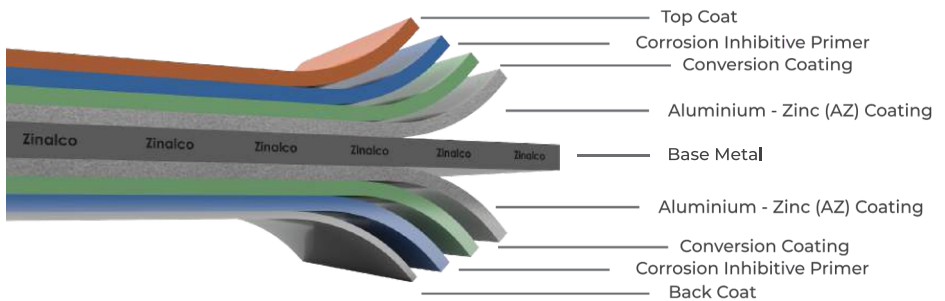
Panel Specification

RKPEB10 00 Roof							
Panel Thickness	50	80	100	120	150	Design Profile:	Insulated trapezoidal
Overall Thickness	58	88	138	158	188	Steel Type:	PPGI & PPGL
Overall Thickness	58	88	138	158	188	Density:	100kg/m ³
U-Value(W/	0.9	0.56	0.45	0.37	0.3	Length:	Depends on thickness
R-Value (W/m ² k)	1.1	1.8	2.2	2.7	3.3	Application:	Suitable for external
Weight(Kg/m ²)	6.3	9	11.2	13	16	Thickness:	50, 60, 80,100,120,1



RKPEB

Colour Chart



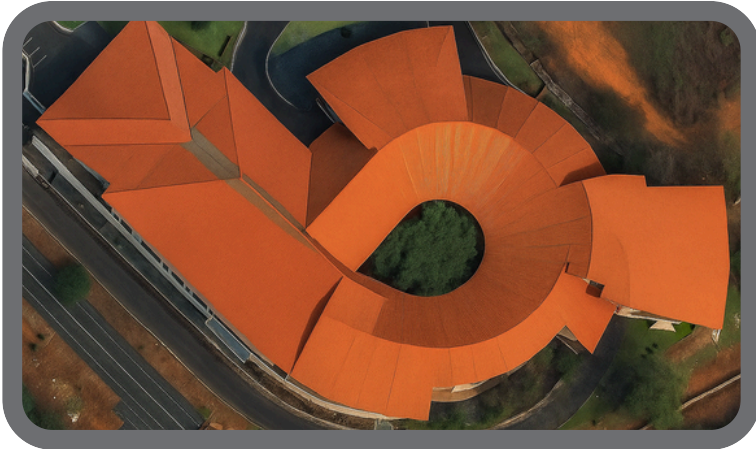
OUR PROJECTS

Delivering Industrial & Infrastructure Excellence

RKPEB & Infra Pvt. Ltd. has successfully delivered industrial, commercial, and infrastructure projects across Pan-India with precision and quality execution.



Project Portfolio



Clientele

Served top clients in industrial, commercial & institutional sectors

- Trusted by repeat clients for consistent delivery
- ISO Certification = Global quality benchmark





+91- 99236 00042
+91- 97640 48357



rk.peb@hotmail.com



www.rkpeb.com



Head Office:
Office NO: 202, Second Floor,
Sr.No: 85/2A/62, Suvarnayug Colony,
JawalKar Nagar, Pimple Gurav, Pune-
411061, Maharashtra.



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Partner with us
to create structures that
reflect your vision
and our expertise."***

Manufacturing Facility:
Gat number 2021/2022/5
Near Mahalakshmi Weight Bridge,
Aambethan Road, Dawad Mala
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Maharashtra.

Pan-India Project Footprint



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+91- 96893 39033



rk.peb@hotmail.com



www.rkpeb.com



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Pan-India Project Footprint



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