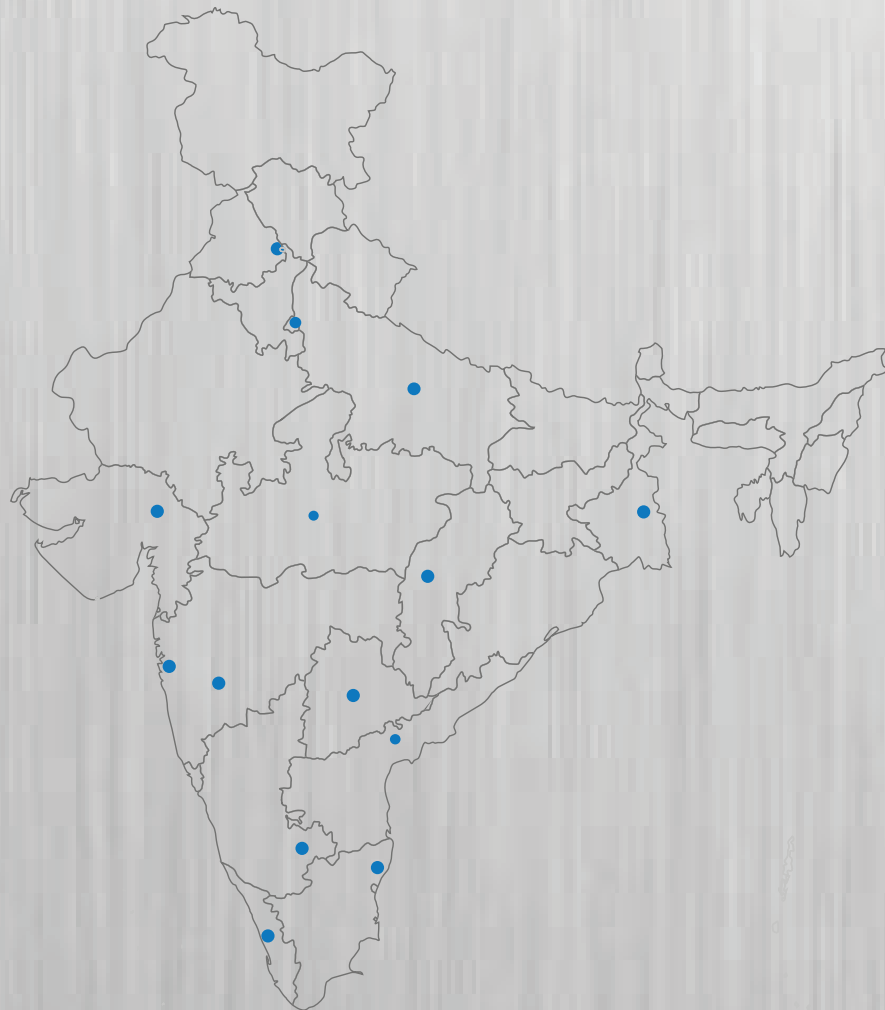




We, at Rinac, begin with seamless solutions for cold chain and modular construction. Soon, a relationship develops, empowered by our domain expertise, service excellence, and customising capabilities. As the bond deepens, you will discover that we invest in curiosity, innovation, and ingenuity; constantly questioning perfection, and leveraging our resources to nurture each relationship into a win-win proposition. What's more - warm, pro-active support is always just a call away through our customer care, a dedicated relationship service group.

For more than two and a half decades, Rinac has been the chosen partner for industry leaders, providing an unrivalled range of solutions and superior value. But that's just the tip of the iceberg.

AN UNIQUE CONSTRUCTION SOLUTION

HPCC- High Performance Composite Construction



HPCC from RINAC is a patented composite construction solution, which is transforming and gaining wide acceptance as an alternative, convenient and reliable Modular construction Technology.

HPCC High Performance Composite Construction

High-Performance Composite Construction

HPCC structural elements such as Columns, Rafters, Purlins, Girts are manufactured through a patented process using a state of the art technology. The resultant is a combination of a special polymer, pre-coated steel and thin gauge steel reinforcement integrated together to form a monolithic indestructible composite element. The exceptionally high strength to weight ratio of these elements allow them to withstand substantially higher loads and stresses and resists local buckling due to the strong composite integration. These are aesthetically superior than the conventional heavy steel construction, corrosion resistant, long service life and low maintenance requirement. HPCC can be customized to withstand, various tropical challenges like high wind speed, rainfall, hilly terrains, temperature and seismic zone conditions .

Rinac **PU/ PIR** Sandwich panels which are used as wall ,Roof ,ceiling and partitions panelling are Fire rated and Class “O” certified building material, in accordance with British standard BS 476 part 6 & 7.

Roof, wall, partition and ceiling are all constructed with PU/PIR insulated sandwich panels. These panels are laminated with Pre-Coated Galvanized Iron (PCGI) on both side. Roofing panel accessories like Rain Gutter, Apex, Gable End Flashing and Down takes are provided as a part this construction technology and finally finished silicon sealant application in all joineries.

Features & Benefits

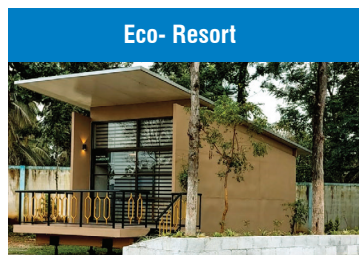
- High Strength to Weight Ratio
- Light Civil Foundation
- Energy Savings-Typical savings of 35-40% on HVAC Vs conventional wall. Keeping heat in winter and protecting heat in summer.
- Completely Insulated Building. Hence Energy Efficient and Eco- Friendly
- Quick, Clean and easily cleanable Construction.
- Speed of Construction , Reduced labour costs; contractors can do more jobs over the same amount of time-Typically shortens envelope construction timetable by 50% or more.
- Environmentally Responsible-Recycle ability and reduce reliance on wood-based products.
- Ease of re-location and Expandable.
- Corrosion Resistant and Maintenance-free (No Painting required)
- Aesthetically appealing
- Ideal for earthquake prone terrains and Leased Lands
- All weather-proof construction



Warehouse



Packhouse



Eco- Resort



Seafood Restaurant and retail store



KSEB Substation Office, Palakkad, Kerala.



Highway Restaurant Kochi, Kerala



Shell Select Retail Outlet Bengaluru, Karnataka



Pack-House Complex Aizwal, Mizoram



Clientele

- Canteen/Process Buildings - ITC Dulagarh, Trichy, Jalandhar, Kapurthala, Ulberia
- Shell – Select Store at Whitefield , Bangalore
- Substation Offices - KSEB -Palakkad and Pattambi-Govt of Kerala
- F&V Pack house and Primary processing units ,Labor cottages and Office building – 5 locations in Mizoram-Govt Mizoram
- 3 BHK Forest guest house at Trivandurm-Govt of Kerala
- Food Processing Facility - Akshyakalpa-Sira – Karnataka
- High way restaurant at Kochi - Kerala
- Warehouses - Tropicana - Kochi
- Docking Stations – Vijayakanth Dairy at Gulbarga, Spectra at Hyderabad, RF Exports, Universal and National Seafood at Kochi, Himedia Labs at Mumbai
- Retail Outlet at Metro station – Hyderabad
- 3000 birds per day chicken processing , Office and Guest house complex at Kasargode -Kerala



Y&G Retail Outlet, Hyderabad, Telangana.

