

Frequently Asked Questions

When compare with the rates of conventional structures, are your light-weight building rates economical or not?

Yes. They are 40% economical as we reduce the overall project cost through our innovative applications without elaborate foundation which save on transportation cost, labor cost and because of the speedy implementation of work you get an early realization of revenue.

What is the benefit of going for these structures?

It is a need-based structure that fulfills all your end-user functional requirements. It has wide flexibility in design depending upon your imagination.

What is the life-span of the structure? What is the guarantee of the life-span?

On the basis of evidence and the acceptance of our structure so far, the life of these structures is expected to exceed 20 years. Specifications are given for different materials used and guarantee is given for individual components used like steel profiles, color-coated sheets. We extend guarantee based for the specification based on I.S. Codes.

For what wind velocity are these light-weight structures designed?

Normally, they are designed to sustain storms with a maximum wind velocity of *39 miles per sec.*

Can we dismantle and shift the light-weight structure from one place to another? What will be the percentage recovery of material?

Yes, we can shift the structure totally. Virtually, *90 % of the steel components* (i.e. super structure) is recoverable provided care is taken while dismantling.

Can you give a budgetary cost for estimation purpose?

A rough estimate will be *Rs. 140 to Rs. 260 per sq. ft.* depending upon the size and specifications.

Can these structures be erected on terrace levels in high spans?

Yes. They are ideal for terrace floors. As they are light-weight steel structures, they do not require any additional foundations. It can be erected on anchor fasteners with pit foundation and of any size and area.

Are light-weight structures viable for hilly areas or uneven lands?

It is very easy to erect light-weight structures on hilly areas as our technology is based on cross-bolting system, and for us, it is easy to maintain existing floor levels.

Are these structures earthquake resistant?

Yes. These light-weight structures interlock together to sustain the seismic activity.

COMPARISON CHART

	PRE-ENGINEERED LIGHT-WEIGHT STRUCTURES	CONVENTIONAL BUILDINGS
1.	Our light-weight steel buildings have single source of responsibility, to design and supply the on-spot solution and system.	From several sources
2.	Fully finished product in ready-to-erect on-site.	All fabrication at site.
3.	Totally shop-fabricated resulting in superior quality and significant saving in construction time.	Site fabrication: Requires a lot of infrastructural facilities and involves more time, resulting in delays in project implementation
4.	Efficient design due to synergy between all structural components. Combination of suitable walling and roofing material as per end-user requirements.	Over- designed due to limited range of sections.
5.	Can offer large spans with the help of jack beams.	Generally limited to medium spans.
6.	Designed as per end user requirement. Totally, Solution and need based structure. Continuously updated based on latest through innovation.	IS- Codes are more conservative. Will increase the weight and cost without adding any values to building. Codes are not regularly updated.
7.	More competitive on total project cost due to significant time saving (nearly 40%) in project completion which in turn translates into earlier realization of revenue.	Project cost escalation due to delays in site fabrication and coordination with several agencies, which costs time and money
8.	Erection can be done by using unskilled workers locally with the coordination of our supervisors.	Erection by only contractors using only trained workers for fabrication at different site conditions.
9.	Less transportation as every structural material is supplied in packet form, which is compact and light enough for handling without any special equipment/crane.	Conventional material available in standard size and it is practically a difficult process to transport the material. Without handling equipment.
10.	Angle framework is a simple tailor made process "Cut and bolted". Hence it can be easily unbolted and reassembled in different shapes at different sites.	Since it is welded it cannot be reused.

Why our light-weight building system has an edge over the conventional system?

- ✓ Our Light weight Building system is the combination and assembling of tailor made steel sections on nut bolt system. Hence our structures can be erected dismantled and reinstalled any number of times easily i.e. 90% reusable value.
- ✓ 40% cost effective in comparison to conventional system due to reduction in labor transportation and no elaborate foundation required. No wastage.
- ✓ Variety of roofing and cladding material can be added to our basic steel superstructure.
- ✓ Ease in transportation as it is in packet form.
- ✓ Speedy implementation of the project is the essence of our proposal.
- ✓ Fast construction helps in faster occupancy to start the operations resulting in early realization of revenues.
- ✓ Any addition or alteration is always possible with 90% reusable material value. You can reshape the material for any of your expansion plans.
- ✓ Due to the system of constant innovative improvement approach we succeed in reducing the overall project cost.
- ✓ No legal permission required since it comes under semi-permanent structure.