

Case Study**Manufacturing Warehouse in PEB Lite Solution**

Location

Belgaum, Karnataka

Country

India

Project Size

10,000 Sft

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Case Study

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Client

Ezybuild Solution Provider

Product Offered

Srinivas Induction Hardening

ARK ENTERPRISES- Akshay Kulkarni - Belgaum

PEB-Lite®



Case Details:

Srinivas Induction Hardening, Specialized Crankshaft Manufacturers of the Country had a requirement for storage warehouse. The project had to be completed within 2 months during Monsoon. The Elevation of the building had to be matched with the existing RCC Structure.

The governing requirement of the Client was to be able to re-locate the building in a decade time and should be designed for expansions and minimal wastage during relocation. Since it was a Warehouse which would be having state of the art material handling ground service, Overhead Crane was not required and this is where Tata Bluescope PEB Lite technology made a QUALITY viz-a-viz COST impact to the client by satisfying the essential requirements of the project.

- a) Pre engineered Structure with Pre-Punched components for Easy & fast assembly and also Re-location with very minimal Wastage.

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- b) Fast Designing & Construction facility.
- c) Maintenance free structure since the structural material is manufactured from Galvanized silver finish minimizing periodic painting and maintenance works.
- d) Since the structure itself is light, it saves a considerable amount on RCC Foundation and gives better performance for earthquake forces.

Pre-Engineered buildings are now a suitable alternative for conventional structures essentially because of its feasibility in Designing, Construction and elimination in number of un-invited components in the project.

Tata Bluescope PEB-Lite system works just well for such similar applications for warehousing, community centers, Small manufacturing plants in projects where quality, speed and easy for construction and relocation go hand in hand with economy.

The numerous advantages offered by PEB-Lite solution makes it a boom for infrastructure developers and contractors. Industries see a great deal in investing in PEB-Lite solutions as the properties of the product make it an asset builder in itself.

Few of the highlighting features of the PEB-Lite solution:

- Structural Main frame and secondary members are made from galvanized, high strength steel which ensures its corrosion free performance for years.
- Light gauge steel frame members ensured quick and easy installation
- Colorbond® Steel used for roofing and wall cladding enhances the structural look and with long life as a complementary aspect.
- Galvanized silver finish of the structural members adds to the interior aesthetics of the building, eliminating periodic painting and maintenance works.
- Entire system is having nut-bolted connection and all the fasteners used are protected with galvanized coating for better performance and durability of the connection system.

Typical PEB-Lite® Design Offering for prospective Buyers:

- Clear Span : 3m to 21m
- Maximum Eave Height : 2.1m to 7m
- Length : as per requirement