



Pre-Engineered Steel Buildings for Metro Stations and Train Depot

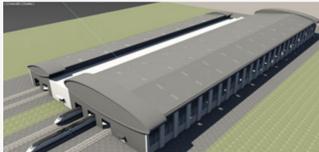
Railway Platform Structure can easily be made for modernization of existing stations or for new construction. These stations can be designed in such a way that during day there is no requirement for energy for lighting hence reducing the power bill considerably. Steel buildings offer un-matched advantages for construction of Station buildings or Train Depots.

Advantages of Steel Metro Stations

- Steel frames are faster to erect so the station can be completed faster
- Buildings can be customized easily in terms of size and design to match specific requirements
- Steel frame construction is more suitable to withstand lateral loads
- No site storage or site fabrication space is required no problem to traffic moment

Application:

- Metro stations
- Platform Structures
- Buildings
- Work Shops
- Maintenance Shops
- Train Depot



TRACDEK® SS-2000 Roofing System

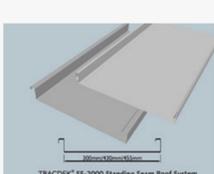
TRACDEK® SS-2000®, also known as TRACDEK® Vertical Leg Structural Standing Seam Roof System, blends the aesthetics of an architectural panel with the strength of a structural panel. These panels have good uplift ratings assuring the reliability of the roof and can go down to roof slopes of up to 1:50. The designer is thus afforded a flexible tool to meet any design challenge.

Architectural Structural Panel

TRACDEK® SS-2000® is a field sealed system that combines a slim rib with exceptional uplift resistance. This panel has been designed to withstand the most rigorous conditions. This system features optional factory installed hot-melt mastic for low slope applications to ensure weather tight seams. Ribs are provided for added aesthetic value.

On-site Roll Forming

Facility of on-site roll forming eliminates panel end lap condition. Panels are manufactured 'at-the-eaves' enabling single length panels on long roof runs.



Industry News - GST Bill

Given the passage of the Constitution Amendment Bill for Goods and Services Tax (GST) in the Rajya Sabha on the Government of India seems committed to replace all the indirect taxes levied on goods and services by the Centre and States and implement GST by 2017.

GST is the game changer for Indian economy. GST will have a far reaching impact on almost all the aspects of the business operations in the country, for instance, pricing of products and services; supply chain optimization; IT, accounting and tax compliance systems

Objectives of GST:

- Ensuring availability of input credit across the value chain
- Minimizing cascading effect of taxation
- Simplification of tax administration and compliance across all States of India
- Minimising tax rate slabs to avoid classification issues
- Avoidance of unhealthy competition between states
- Increasing the tax base and raising compliance



Project Management - Quality & Safety aspects during Erection

Quality check Points before Rafter erection

- Check bolts sizes and part marks of rafter assembly
- Check Bolt tightening as per following procedure
- Diagonal bolt tightening
- Initially snug tightening of bolts
- Final tightening by torque wrench as per defined torque value
- In case of Turn of nut tightening, HO-QC approval to be taken
- Turn of nut tightening to be ensured with proper marking
- Fixing of secondary item to be ensured
- Check the alignment of rafter assembly at ground level
- Painting quality to be checked after assembly of Rafter
- Visual painting to be checked & touch up if required
- Surface cleaning to be ensure in case of any dust, handling marks etc

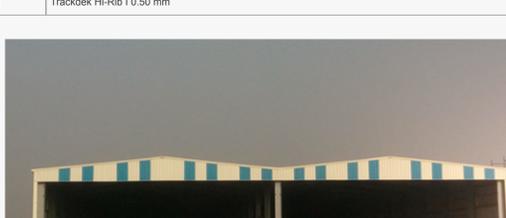


Interarch Delivers Project for Mumbai Metro in Talaja

Interarch, India's leading Turnkey Pre-Engineered Metal & Steel Construction Company offers endless possibilities for Steel Buildings. Interarch recently delivered project for J Kumar Infra projects Ltd (Mumbai Metro Depot Building) at Talaja in Maharashtra. Interarch scope of work included design & engineering, fabrication, supply and erection of five Pre-Engineered steel building.



Project Name	J Kumar Infraprojects Ltd				
Project Location	Talaja, Maharashtra				
Total Project Area	13770 Sqm				
Building Wise Area	Building 1	Building 2	Building 3	Building 4	Building 5
	8296 Sqm	2896 Sqm	1330 Sqm	788 Sqm	560 Sqm
Length	192 m	168 m	140 m	48 m	40 m
Width	43 m	17 m	9.5 m	16 m	14 m
Height	11 m	8.2 m	7 m	7 m	7 m
Design Code	IS 800 2007				
Collateral Load	0.50 Kn/m2				
Live Load	0.75 Kn/m2				
Seismic Zone	3				
Roofing	Trackdek SS-2000 0.55 mm				
Wall Cladding	Trackdek Hi-Rib 0.50 mm				



Industry Spokesperson: Architect Abhijeet Ray

Architect Abhijeet Ray is one of the most reputed architects and has professional experience of over 40 years in Industrial projects, Housing, Hospitals and institutional buildings. He graduated from IIT Kharagpur, and then P.G Diploma from Erasmus University in Holland. He has been awarded Dutch Government fellowship in 1973, Certificate of Merit for Asia 1972 trade fair. He has worked with various reputed architects in Delhi and also served the government of India (C.P.W.D) and founded Abhijeet Ray & Associates, a proprietary consultancy firm in 1982.

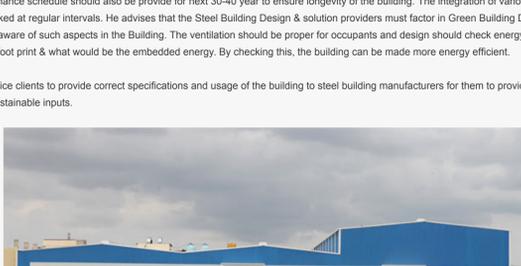
Mr. Abhijeet Ray had been a past Chairman of Northern Chapter of the Indian Institute of Architects. He is actively associated with several organizations for development of the profession and represents the I.I.A in the revision of Notional Building Code (NBC).

Abhijeet Ray & Associates is one of the leading architectural consultancy firm having expertise in industrial, residential and commercial projects. The firm also has made a distinct name for itself in designing institutional campuses.

Mr Ray feels composite steel building is the way ahead. Steel companies in India needs to develop a model for various sectors which will provide turnkey solution. For Example in residential sector a model design should made for residential plots of 100 Sq yd, 200 sq yd and 500 sq yd with all detailed specifications; this will be beneficial as steel buildings do no cause pollution during construction. He says agencies like NGT have started penalizing contractors if raw material is stacked outside the plot or if water curing results in excess water outside the plot. Steel building are fabricated at plant and are ideal solution for these problems.

As per him multistory Steel building in composite Structure fabricated in factories offer far superior quality than RCC construction but once the building is completed, a maintenance schedule should also be provide for next 30-40 year to ensure longevity of the building. The integration of various components with steel should be checked at regular intervals. He advises that the Steel Building Design & solution providers must factor in Green Building Design norms & factory and make the users aware of such aspects in the Building. The ventilation should be proper for occupants and design should check energy required for construction carbon foot print & what would be the embedded energy. By checking this, the building can be made more energy efficient.

He also wants to advice clients to provide correct specifications and usage of the building to steel building manufacturers for them to provide right design and solution and other sustainable inputs.



Customer Testimonial

Interarch Building Products executed Pre-Engineered Building project of Ultratech Cement Ltd at Kotputli in Rajasthan. We are satisfied with the work & happy with the timely completion of the project.

We wish Interarch very best in all their future endeavors.

