



INTERARCH Building Products

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Newsletter

<http://www.interarchbuildings.com/about-overview.asp?links=ab1>

Director's Epistle



Dear Readers,

We would like to wish all our readers Happy Independence Day.

India has come a long way since the day's of Independence and we are proud to be the largest completely Indian born company in our industry that is helping develop this great nation with better infrastructure and to make it the leading economy in the world.

Best Regards,
Arvind Nanda & Gautam Suri
Founder Directors - Interarch Building Products

PEB V/s Concrete: How much water can you save by using a Pre - Engineered Building in comparison to a conventional Concrete building during project construction?



Construction Process	Water utilized in Conventional System	Interarch Pre-Engineered Buildings
Foundation	As conventional foundations are heavy deeper, more water is utilized to mix concrete and cure these footings	Due to their design, and lighter reaction forces, PEB construction requires light foundation and utilizes almost 1/5th the water amount for curing these footings
Structure	Water is extensively used to mix concrete or in the ready-mix received at site. Since concrete is the main material for support structure, water is further required for curing of the structure for almost 6-12 days after casting of columns and slabs	Manufacturing of structure is done in factory from steel coils, no water is required in this process and structure is installed at site using just bolts
Floors / Roof	Again water is required to create concentrate mixture for floor slab and further water is sprinkled on them for curing for days	PEB's use structural systems supported with composite decks for floor systems. Further any light weight concrete work required for floor finishes consumes 1/5th the amount of water
Wall Cladding	Bricks are heavily dependent on water and cement for strength. A brick wall once complete is further cured with water at regular intervals for 4-5 days	Walls cladding are made of pre-formed galvalume steel sheets which require no water during manufacturing or installation

Congratulations to Winners of our Trivia Question - Mr. Ashish Rana, Mr. Ashish Kalra & Mr. Chetan Prakash Arya

*to take part in our next trivia, like our Facebook Page

Interarch Light Building Applications - Educational Buildings

- Main institute/school Building
- Administrative Office
- Classrooms
- Auditoriums
- Performing Arts Studios
- Medical rooms
- Hostels
- Canteen building
- Gymnasium
- Multi -storey facilities
- Science & Computer labs
- Libraries
- Locker Room
- Small Cabins or Service Quarters



Project Spotlight of the Month: Nitin Life Sciences

Interarch delivered a G+2 floor building in Ponta Sahib, Himachal Pradesh for Nitin Lifesciences. The building is 140 meters in length & 40 meters in width with a total height of 11 meters for one building. The building completed has been provided with a round cut in the roofing to provide space for the boiler. Especially on client request a square shaped multi - level Pipe Rack is being provided which will connect both buildings. 1 level of Mezzanine is being provided in the Utility Block as well.



The project was completed in a mere time of 3.5 months. With a total manpower of 75 people of which 3 were supervisors and 1 engineer was specifically assigned to the project.

Key Features of the Project

Building Usage	Drug Formulation Unit & Utility Block
Tonnage of building	602 Tonnes
Building Area (Main Building)	11000 Sq. M
Length (Main Building)	140 M
Width (Main Building)	40 M
Height (Main Building)	11 M
Features (Main Building)	a) First building ever made in Pharmaceutical industry on Fully Pre - Engineered Building Concept in India b) It has 2 level of Mezzanine Floors c) 7000 Sq. M of decking sheet used d) Has special insulation in both roof and wall e) 7000 Sq. M of Roofing Supplied f) 4000 Sq. M of Wall Cladding g) Multi - level pipe rack h) Fully Insulated Building



Industry Spokesperson - Mr. Sarvesh Nagar (Organization - Vastuvid Associates, Bhopal)

Vastuvid Associates is a professional engineering consultancy company in Bhopal providing Civil & Structural Engineering services for structures. **Mr. Sarvesh Nagar** (M.D.) has vast expertise in Warehouse Industry, Engineering industry, IT industries, Food processing industry, Glass industry, Commercial Buildings, Residential Buildings etc.



According to him, new types of pre-engineered metal buildings are going to be used for Multi Storey Buildings, Light Building Systems for Tourist Bungalows & Farm houses. His most favorite project is warehouse building of Anand Warehouse in Mandideep, Raisen.

He also feels that manufacturing Industries & residences have good scope for using Green Building material as people now-a-days become environment conscious. Mr. Nagar points out after 5 to 10 years, Architects will provide consultancy on Turnkey basis & he believes Interarch buildings provides Quality buildings at the committed time period.

According to him Market Size of PEB in Madhya Pradesh is 60%.

Trivia Question of the Month - August 2012

Q1. What year were Pre-Engineered Buildings first introduced in India by Interarch?

- 1984
- 1996
- 1992

(To answer, please visit the Interarch page on Facebook, click Like and post your answer on the wall)

Log on to the Interarch Face Book page (click link below) and write your answers
<http://www.facebook.com/interarchbuildings>

Events at Interarch

2nd Building Innovators Forum, Bangalore

Interarch successfully executed their 2nd Building Innovators Forum in Bangalore on the 31st of August 2012.



The event was chaired by Mr Arvind Nanda, Founder Director & CEO, and hosted by Mr Ishaan Suri, Director Corporate Marketing.

We thank our guests for coming to our event and making a big success.



Sales & Marketing Meet

Interarch's half yearly sales & marketing meet was conducted on 9th August in Noida, to review the year gone by.



Major Project Wins

- Toyota Kirloskar Motors Pvt Ltd, Karnataka
- Jaypee India Ltd , Kolkata
- Mitsuba Corporation , Haryana
- Ultratech Limited, Khor
- Mahle Engine Components Pvt Ltd , Madhya Pradesh
- DB Corp Limited, Rajasthan



Major Projects Completed

- Marathwada Auto Cluster , Maharashtra
- Panduranga Timbolo Industries, Maharashtra
- Nimar Aqua Pvt. Ltd, M.P
- Aerocans India Pvt Ltd, Maharashtra

Interarch In Press

- Steel Structure and Metal Buildings
- B2B Purchase



Building Made Possible In Steel: CN Tower, Canada



- The precise height of the tower is 1,815 feet and 5 inches.
- The tower consists of 40,522 cubic meters of concrete, 129 km of post-tensioned steel, and 5,080 metric tons of reinforcing steel. The tower is estimated to weigh 132,080 metric tons
- The revolving restaurant makes a complete rotation once every 72 minutes.
- The elevators travel at a speed of 20 ft (6 m) per second, reaching the SkyPod in just under one minute (58 seconds).
- Construction of the CN Tower cost CAD\$63 million.
- For all of its 553 meters, the shaft penetrates only 6 meters into a total 15 meter foundation.
- The world's tallest slip-form structure began cement pouring on February 12, 1973 and finished on April 2, 1975.
- The Concourse level houses the Maple Leaf Cinema, the Edge Arcade, and the 12,500 square foot Marketplace souvenir shop.
- The tower is comprised of two main observation decks: the lower and larger SkyPod at 1,150 ft (351 m), and the higher but smaller Space Deck at 1,465 ft (447 m).
- The CN Tower has UHF, VHF, Microwave, TV and fixed mobile communications facilities.

