



Interarch Building Products Newsletter

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Dear Reader,

It gives us great pleasure to announce the launch of our new Interarch Infrastructure SBU with this edition of our Newsletter; Interarch's new Infrastructure division will focus on industries like Airports, Power plants, Refineries, SEZs, Ports and all other large projects. As we have already proven over the years and with the DIAL Terminal 3 project, Interarch has the capability of designing and detailing very complex steel buildings. We have production plants to produce large and heavy steel structures and the project management capabilities manage the site execution.

Best Regards,
Arvind Nanda & Gautam Suri
Co-Founders-Interarch Building Products Pvt Ltd



Arvind Nanda
Founder Director & CEO



Gautam Suri
Founder Director & CTO

Interarch Pre-engineered Retail Outlets

The retail industry in India is expected to grow at a very exponential pace in the next few years, it is expected that total retail sales in India will grow from US\$ 395.96 billion in 2011 to US\$ 785.12 billion by 2015, the organized retail in India which a mere 5 % of the total industry in 2009 will reach 14-15% by 2015. This exponential growth will lead to construction of many retail outlets & showrooms.

Application of Interarch Pre-Engineered Steel Building:

- Modular buildings
- Retail Outlets
- Showrooms
- Sales building on petrol pump site



Interarch Pre-engineered Green building features

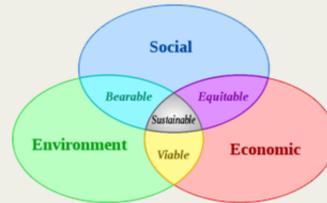
1. Environmental Benefit-Our steel buildings are recyclable up to 90%, this saves primary resources and reduces waste, and saves energy.
2. We provide better natural ventilating solutions that reduce the load for mechanic and electric ventilation in buildings, while still meeting fresh air norms.



Interarch's role in Sustainable Development

Sustainable development is a pattern of resource use where we ensure that we are taking actions today that won't inhibit the opportunities for the future generations. This is the essence of sustainability - and the reason why more companies are and people are building green. Buildings account for such a significant amount of energy consumed in the world and therefore choosing materials and designs with sustainability benefits provides one of the biggest opportunities for environmentally conscious.

We at "INTERARCH" use cutting edge metal manufacturing technology along with responsible industrial planning combined with green technology practices to make sustainable buildings more affordable than ever. Through extensive testing and computer modelling we are able to reduce the amount of steel used while still meeting the most stringent building codes.



Industry Spokesperson - Mr. Parag Warekar



M.R. WAREKAR Associates pvt. Ltd. Is an architecture firm founded by Mr. MR Warekar in 1963 & now headed by Mr. Parag Warekar. They initially provided services for the residential projects and then moved onto the govt. projects. Now, Private industrial projects form the major chunk of their business.

Mr. Warekar feels that the implementation of IT in the design of buildings especially the introduction of CAD changed the industry completely. A lot more work can now be handled in a smaller time frame.

On Global developments; he comments, 'I have personally visited the US at a client's recommendation & I would say the US PEB buildings are not much different than the Indian buildings. I think we are technologically at par with them. The American metal building market isn't growing with a great pace, so most of the buildings are older as compared to India. I see a greater demand in the near future for the Light Gauge Framing Systems (LGFS).



M.R. Warekar & Associates have now started taking on Green Building projects as well, the first two being SpiroTech heat exchangers and PepsiCo (Hyd.). The demand is picking up slowly. Clients do ask for it. Some companies also go for F.M. approved roofing e.g. PepsiCo. This has a lot to do with safety and insurance.

Our role will always be to improve building standards and practices and help the industry change/grow/evolve. We are always thinking of better technology and designs and therefore it is an ongoing process aimed at improvement of current practices.

Few of the challenges we face on a regular basis

- Lighting in the day is one aspect of design we find difficult to incorporate in PEB.
- Low VOC Paints are not readily available in India.
- P.C. Sheets with a specific SRI index allow light but not heat and such products need to be imported currently.

Did you know?

In a first for an Indian airport, the swanky new Terminal 3 (T3) of the IGI airport in New Delhi has been awarded the LEED gold rating for green buildings in recognition of its environment-friendly features. The 'Leadership in Energy and Environmental Design New Construction' rating was awarded to T3 for features like sustainability, water efficiency, energy and atmosphere, material and resources, indoor environmental quality and innovation in design categories.

Interarch building product had played a substantial role in designing of the terminal building and then providing structural steel and roofing for complete building.



Major Projects Wins

Pre-Engineered Steel Buildings:

- Anchor Electronic in DAMAN
- Zenith Accucast Ltd in Tarapur, Maharashtra
- McCoy Soudal Sealants & Adhesives & Foams Pvt Ltd in Bawal, Haryana
- S.G Construction in Anupur , M.P
- Nitin Lifesciences Ltd in Paonta Sahib, H.P
- Saurashtra Containers Pvt Ltd in Mundra, Gujarat

Maintenance of Accessories

Personnel Doors:

- Lubricate hinges and lockset.
- Remove dirt and grit from the threshold
- Ensure that the door cannot swing back and strike the wall panels, as this will sprain the hinges and damage the panel.

Interarch Light Steel Framed Buildings Application

Roof Top-Residential

This product is most suitable for roof top construction; due to its light weight it does not add any substantial load on the existing structure and is treated as a temporary structure.



ZERO ACCIDENT Award Presented To

Interarch Building Products Pvt Ltd
by Toyota Tsusho India Pvt Ltd



Interarch in Press

1. B2B Purchase, May 2011 Issue

Buildings made possible in steel

Walt Disney Concert Hall, Los Angeles

Most of the building's exterior was designed with stainless steel & given a matte finish.

Located in the city center, the home of the Los Angeles Philharmonic Orchestra has been designed to be one of the worlds most acoustically sophisticated concert halls. The curved, sharp surfaces of polished stainless steel constitute a dancing mass of volumes that sparkle under the sun between the skyscrapers. The exterior's metallic cladding forms a contrast with the warmth of the wood that dominates the rows of seats and the ceiling inside the auditorium.



Project Spotlight - Panasonic India Ltd.

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|----------------------|--|
| Building Location | Jhajjar, Haryana |
| Building Usage | Manufacturing Facility |
| No. of buildings | 3 buildings |
| Max Length | 178 M |
| Max Width | 108 M |
| Value in Rupees | 14 Cr. |
| Area in Square meter | 36000 Sq. M |
| Height in meter | 7.5 |
| Feature | Largest white goods - Air-conditioning manufacturing facility for Panasonic in India |

