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INTERARCH BUILDING PRODUCTS NEWSLETTER

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Dear Readers,

May the divine light Of Diwali spread into your life with peace, prosperity, happiness and good health.

Interarch wishes you and your family a very Happy Diwali !

Thanks & Regards,
Arvind Nanda & Gautam Suri

Interarch expertise In Automotive & Automotive Ancillary Industry
Interarch India's leading turnkey pre-engineered metal building & steel construction company has established itself as the only player for Pre-Engineered buildings in the Automotive Industry, with unmatched expertise, experience of more than 450 pre-Engineered Buildings for automotive companies and automotive ancillaries across India.

Application of Interarch Pre-engineered Buildings in Automotive Industry:

Paint Shop	Engine Shop & Gear Box Shop
Weld Shop	Assembly shop
Administrative and Canteen Building	Frame Shop
Ancillary Buildings	Storage Warehouse
Parking Shed	Canteen area

We had made our first successful foray into this sector as early 1970's and since then we have been executing projects for one company after another. Interarch can today proudly say that we have worked for all the major Industry veterans across India .

Key Project Executed for Automotive Industries:

Four wheelers

TATA HONDA TOYOTA FIAT Ford GM DAEWOO SKODA AUTO HYUNDAI Mahindra

Two wheelers

YAMAHA BAJAJ HONDA HERO HONDA

Heavy Commercial Vehicles-Trucks & Buses

TATA TAL Marcopolo

Auto Ancillary & OEMs

GABRIEL TEREX KRISHNA ENDURANCE Complete Solutions FJM Cylinders Pvt. Ltd. MAHLE BRIDGESTONE

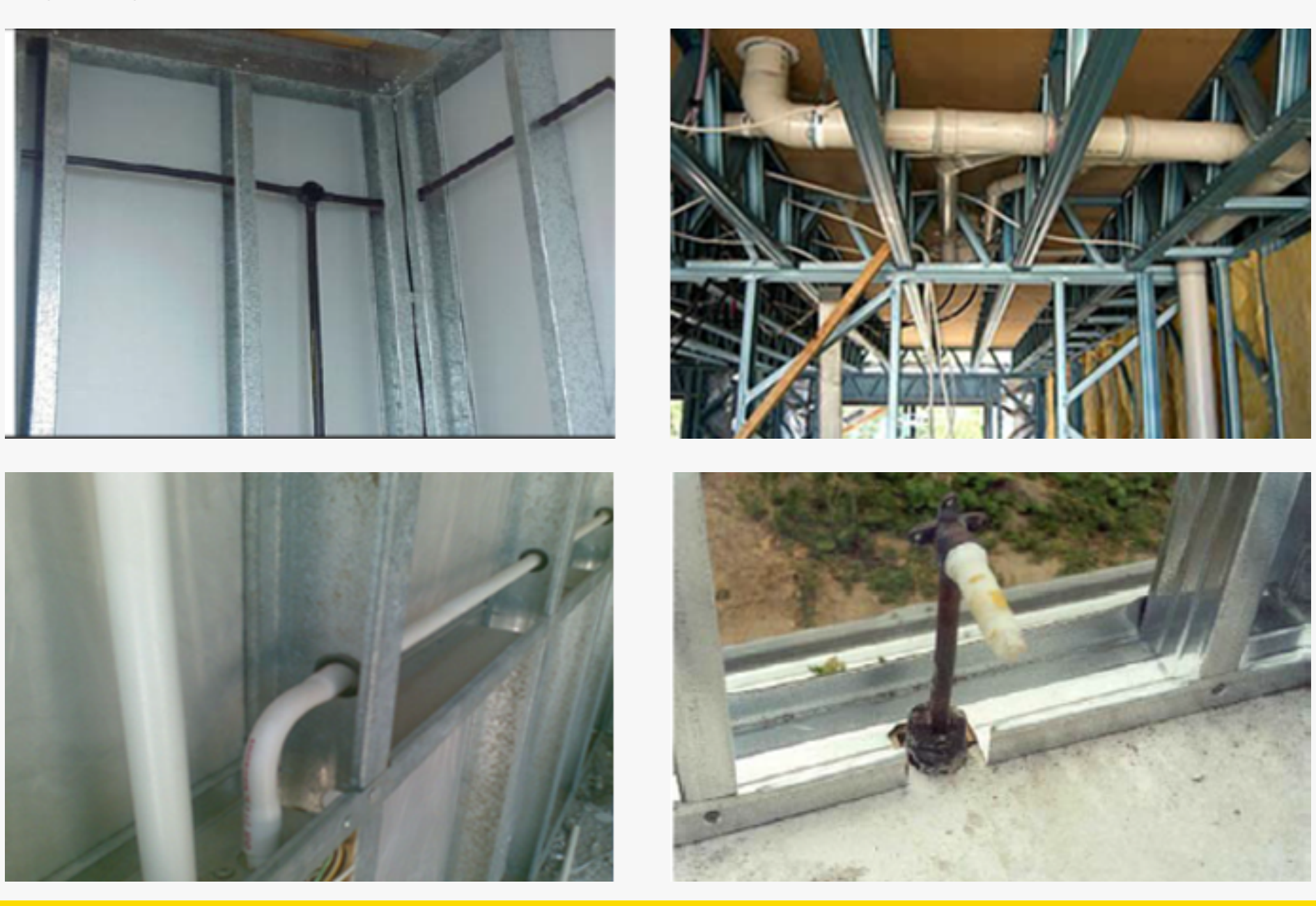
What is the role of PEB in affordable housing and can PEB's emerge as a preferred mass market low-cost housing option?

It is interesting to note that housing construction spaces in India are slowly shifting to higher levels of pre-manufactured or pre-fabricated building systems that offer customized solutions. Everything from doors, windows to floors and fit out is **preferred pre-manufactured. Pre-engineered light weight houses are synonymous with** sustainable low-cost housing conforming to the demand for aesthetics, high quality, fast construction and cost effectiveness.

We as Interarch specialize in pre-engineered steel systems that cater home segment. These pre-engineered systems of light weight wall frames allow architects and end users to design and build homes up to G+4 in light steel.

How is the sanitation and plumbing done in light building system?

Interarch Light framing system section width(web) is 89 mm and it comes with Pre-punched service holes in the web of the steel frame allows electrical, gas and plumbing services to be installed within the wall framing system. Plastic grommets and silicone seals are used to fasten and protect wiring and pipes from corrosion and damage arising from vibrations.



Did you know: What are the advantages of a GALVALUME standing seam roof compared to a built-up roof?

Leaking conventional, flat nonmetallic roofs are the biggest problem on non-residential buildings for architects & building owners. Conventional roofs made with organic materials which deteriorate even under normal environmental conditions.

Due to temperature fluctuations in the environment, these traditional roofing systems develops cracks, splits and sometimes tears. Finally, because they are flat, ponding water inevitably penetrates these brittle, cracked systems & leaks into the building, causing damage to goods and disrupting activities inside the structure.

Leaks can be patched early in the life of the roof, but as time passes, leaks become more frequent and an expensive replacement of the roof is required. Such replacements often require tearoff, extra labor and even a temporary building shut-down. GALVALUME standing seam roofs offer a weather tight, maintenance-free roof system that will last for decades on commercial, office and factory buildings. GALVALUME roofing systems are economical to install, leak proof, maintenance-free, energy efficient, noncombustible and long-lived.

TRACDEK®

Project Spotlight:Gamesa Wind Turbine Pvt. Ltd.

Gamesa is a global technological leader in the wind industry, with a footprint in 54 countries. Its comprehensive response includes also the wind turbine's operation and maintenance services that manages for more than 20,700 MW. Gamesa is also a world leader in the development, construction and sale of wind farms, having installed more than 7,000 MW worldwide.

Interarch is delivering new Greenfield manufacturing unit for their Gujarat location. Total project area is 15308 Sqm having 3 different areas of Blade manufacturing and finishing bay.

Project Name	Gamesa Wind Turbine Pvt. Ltd.		
Project Location	Gujarat		
Building Usage	Blade Manufacturing & Finishing Bay unit		
Project Area	15308 Sq. M		
Building Tonnage	1600 MT		
Building	Area 1 (Blade Manufacturing)	Area 2 (Blade Manufacturing)	Area 3 (Finishing Bay)
Width	136 M	76 M	206 M
Length	45 M	45 M	28 M
Height	15 M	15 M	14 M
Special Features	12 nos. of EOT cranes of 14 MT capacity 200 kg/Rmt & 350 Kg/Rmt on top & 60 Kg/Rmt Hanging load for cable tray on columns Collateral load of 60 Kg/Rmt at center of Purlin Three tier cable tray & Pipe supporting structure all three sides Flush fascia around the periphery of the building to cover the slope Mezzanine area of 2425 Sq. M considered on Area 1 Blade manufacturing with live load of 500 Kg/M2 Sandwich panel with top sheet as 0.55mm SSR and bottom sheet 0.5mm SMP Hi-Rib 50 mm thick Fiber Glass insulation on roof having 48 kg/m3 density Portal bracing considered upto 5 M height		

New Projects Wins

- CEAT India Limited in Maharashtra
- Tata Motors Limited in Uttarakhand
- SMCC Construction India Ltd (Techno Trends) in Gujarat
- Sansera Engineering Pvt Ltd in Karnataka
- British Paint in Assam

Projects Completed

- M/s Gamesha Wind Turbines in Gujarat
- Ask Automotive Pvt. Ltd in Haryana
- Nitin Lifescience Ltd.in Himachal Pradesh
- PD Hospitality Services Pvt. Ltd.in Haryana
- Sab Miller India Limited in Andhra Pradesh

Customer Testimony

We appreciate the effort put in by the team at all stages, resources deployed and cooperation extended for the satisfactory and timely completion of this project

ADITYA BIRLA UltraTech

For M/s Ultratech Cement Limited
Unit: Rawan Cement Works

Authorized Signatory

Training & development at Interarch:

Interarch organized a training of Welders & Fitters team in Pantnagar Plant

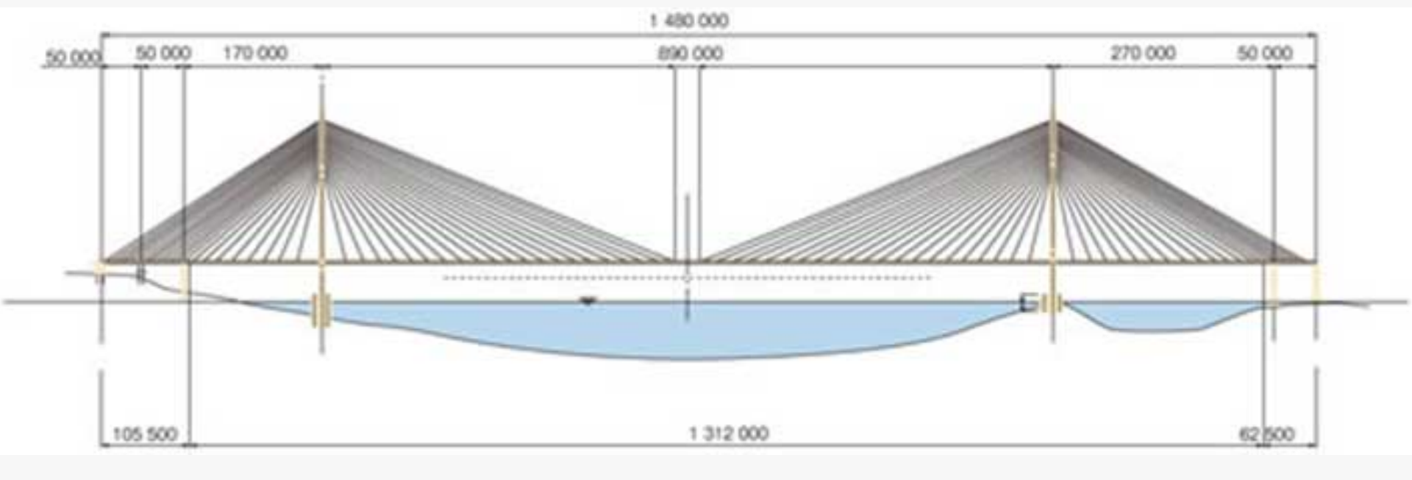
Events Participation: Interarch participated with Rice Tech Expo.'15

How Metal or Steel Scarp is processed?

The Metal Industries buys scrap metal from a scrap metal provider. The scrap metal is broken down and cleaned at all .The metal is then sorted by type. At this point the metal is weighed. Then, it is being melted down. The metal is formed into very small bars called Aluminum Alloy Ingot that can be made into new things.

Building Made possible in Steel: Tatara Bridge, Japan

The Tatara Bridge was originally planned as a suspension bridge in 1973. In 1989, the design was changed to a cable-stayed bridge with the same span. By building a cable-stayed bridge a large excavation for an anchorage would not be needed, thereby lessening the environmental impact on the surrounding area. The steel towers are 220 meters (722 ft) high and shaped like an inverted Y. The side-spans are 164.5 meters (540 ft) and 257.5 meters (845 ft) respectively and there are also three very small cable spans.



Total length	1,480 M (4,856 ft)
Width	30.6 M (100 ft)
Longest span	890 M (2,920 ft)
Clearance below	26 M (85 ft)

INTERARCH BUILDING PRODUCTS PVT. LTD.
Central Marketing Office, B-30, Sector 57, Noida - 201 301, India
Tel.: +91-120-4170200, 2581029 | Fax: +91-120-2581017 | E-mail: info@interarchbuildings.com
visit us at: www.interarchbuildings.com, www.interarchinfra.com