



PRE ENGINEERED BUILDING SYSTEM



Coming together is a beginning; keeping together is progress;
working together is success.

Thinking of
Pre Engineered Building System?



FAST & PERFECT EXECUTION HAS
MADE US MOST PREFERRED
COMPANY IN INDIA.

Pre Engineered Building system is an innovative, proven and accepted system over traditional engineering. Pre Engineered Buildings are more energy efficient, cost effective, sturdy and fast in execution.

'Spider' is synonymous with Self Supported Roofing System. 'Spider' with superior technical back up, time commitment, robust quality, strict professional approach and strong sales network across the country has become the preferred choice for many Corporates, MNCs, MSMEs, Consultants & Govt. institutions.



Pre Engineered Building System

One stop solution for your entire Building requirement |
Choice of roof and wall systems | Spider Flush wall panels |
Thermal / Acoustic Insulation | Liner panels | Flashings |
Integrated accessories | Crane beams | Mezzanine floor



CARE C.A.STORE





Advantage SPIDER (PEB)

Customized Design Solutions

Our team of technical experts offer you a complete customized solution on studying your requirement. We not only help you in the design of structure but on understanding your need, we also guide you in selection of the most appropriate Building & Roofing system along with accessories.

Approved International Standards

We manufacture as per latest editions of codes such as IS 800:2007, IS875.

We also follow codes such as

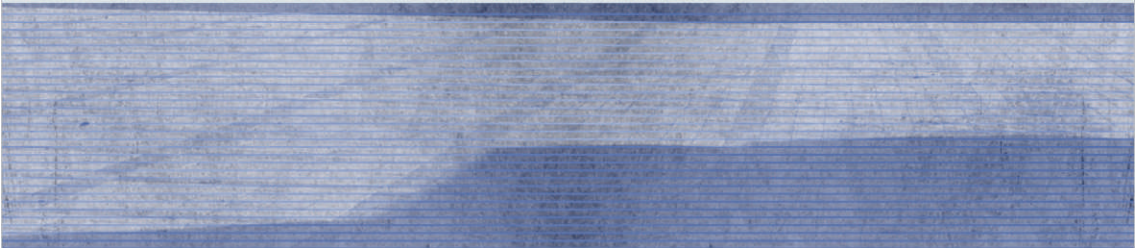
- Low rise buildings system Manual - Metal Building Manufacturers Association - USA
- Manual for Steel Construction, Allowable stress Design- American institute of Steel Construction Inc
- Cold- Formed Steel design Manual- American Iron and Steel Institute



spider

The SPIDER advantage

- An experienced design - detailing - checking team backed up by meticulous execution team
- Optimized design of steel thereby reducing weight, while meeting all design requirements
- Easy integration of all traditional construction materials such as brick work, glazing, timber, concrete, etc.
- Quality design, manufacturing, erection and installation
- Efficient & Economical building system



Primary Framing Systems

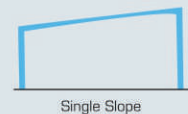
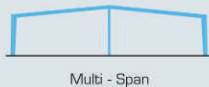
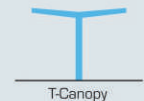
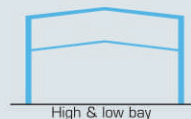
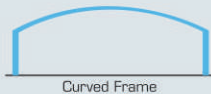
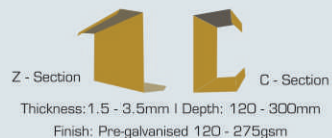
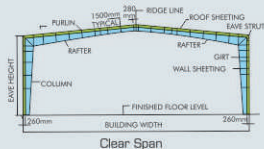
Primary members are movement resisting frames that provide lateral stability and transfer the load from roof & wall to the foundations through bolts.

Secondary Framing System

Secondary members consists of cold formed sections like Purlins, Girts and Eave struts. They are cold formed from GI steel that has a minimum yeild strength of 345 MPa and conforms to the physical specifications of ASTM A-570 (Grade 50) or equivalent.

Sheeting Panels

We strongly recommend pre painted Aluminum-Zinc alloy coated sheet with minimum AZ150(150g/m² coating mass) as per ASTM A792 for roof and wall sheeting.



Know the benefits of:

| Spider -New Age Material |



Spider Material Advantages - New Age Material: Galvalume®

Durability	Corrosion Resistance	High Temperature Resistance	Better Heat Reflectivity	Retains the Luster for a longer period	Comparable Cost & No Crack or Peel
Four times durable in Exposure test Six times durable in industrial environments Three times durable in rural environments	Offers higher Corrosion Resistance than Galvanized Steel under identical conditions	Resists Intermediate & High Temperature far more effectively than Galvanized steel	This makes Buildings Cooler inside during Summers.	Unlike Galvanized steel, Galvalume does not Oxidise.	Cost similar to that of Galvanized steel. Does not crack or peel when exposed to various conditions.

The combination of Long-lasting Galvalume sheet and Modern High Performance Paint systems offers **Durable, Versatile, Light Weight, Colourful, Structurally Strong & Economic** Cladding and Roofing.

Projects...



Have Served...







Projects Executed across India

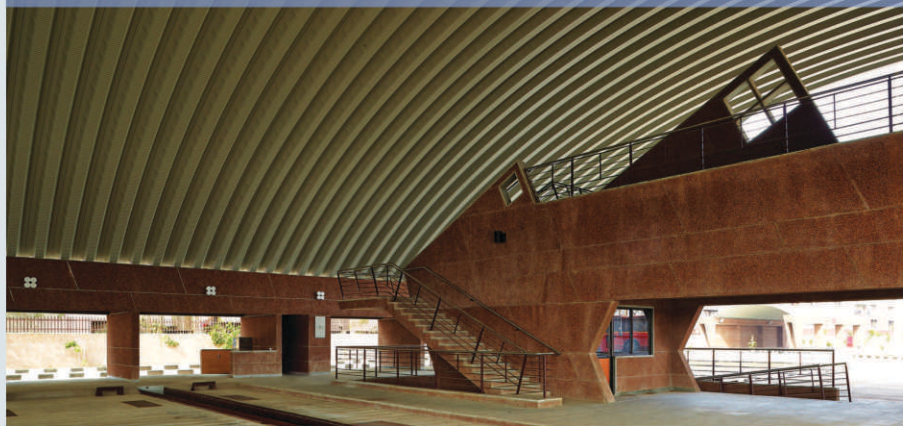
Projects executed of various sizes for
**Large & Small industries and
Government Undertakings.**

Trained Nexus Team is ready to execute any
size of job smoothly in any part of the
country.





OVER 3000+ PROJECTS ACROSS INDIA



Advantages of Spider Roof

Girder less - Wide - Clear Span up to 36 Mtrs.

Quick & Easy Installation

Installation of 1000 Sq. mtrs. in just 12 hrs.

Faster Installation enables you to start your Project quicker

Savings in Structural Cost (Truss & Purlins)

Design Freedom & Aesthetic value

Freedom from Bird Infiltration

The depth of corrugation in the steel adds to the Inherent strength

Ability to withstand Live & Dead Load

Higher Corrosion Resistance

Mechanical Inter-locked sheets prevents holes in roof - caused by bolts & nuts

The overlapping and seaming between different sheets prevents from leakage of water and provides Dry Interiors

Zero Maintenance cost

Higher Durability than conventional Roofing.



Wide Span



Maintenance Free



Cost Saving



Interlocking System



Fast Installation



Best After Sales Service



Sturdy & Strong



Higher Corrosion Resistance





Nexus Infratech Pvt. Ltd.

An ISO 9001:2008 Certified Company

Corporate Office:

2nd - 4th Floor, Royale Manor, B/s. Rangwala Towers, Nr. Law Garden, Ellisbridge, Ahmedabad 380 006, India.

Phone: +91.79.26445500, 32908300 | Fax: +91.79.26440055 | Email: info@gospider.in | www.gospider.in

Toll free No.: 1800 120 20 20

BRANCH OFFICES : DELHI-MUMBAI-HYDERABAD-PUNE-RAIPUR



Nexus Pharmachem Pvt. Ltd.
Mfg. of Bulk Drugs (API)

Nexus Infratech Pvt. Ltd.
Self Supported Roofing System
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