



OSB

PREFAB TECHNOLOGIES

quick • affordable • reliable

www.osbprefab.com

Introduction

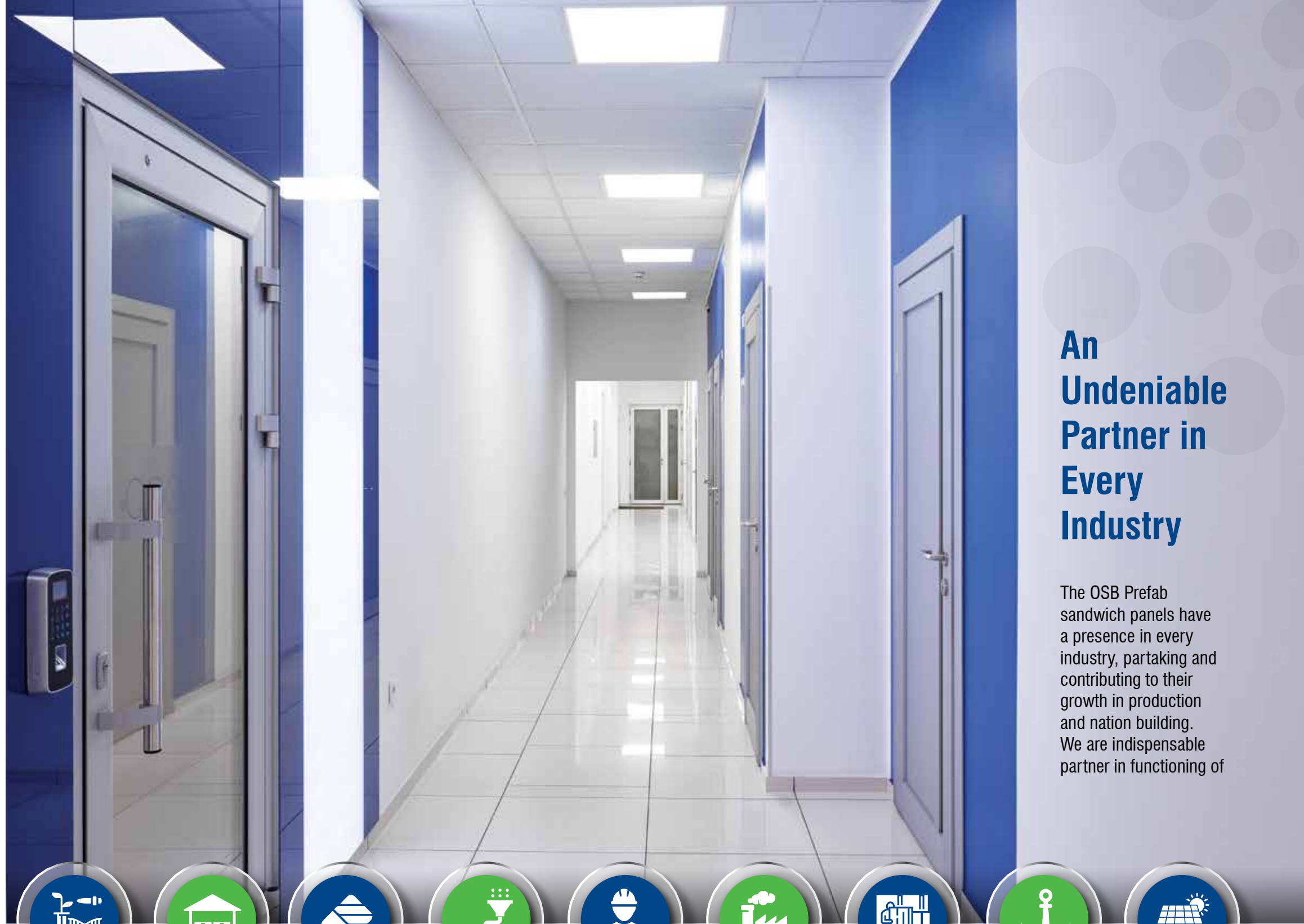
OSB Prefab Technologies took form in 2014, as a leading manufacturer of Prefabricated Sandwich Panels. As an ISO 9001 company, OSB provides viable and sustainable building solutions. The products and building solutions are customized to meet the standards and specific requirements of multiple construction activities and market sectors in industry.

OSB has demonstrated phenomenal expansion in operations and product base through application of innovative and flexible technological advancement. This was to achieve easy yet sophisticated constructions across industries.

The Company has a refined and leading customer base that can vouch for its product and service standards. OSB is reputed for its uncompromising quality standards, time bound delivery ethos, skilled and trained workforce, and competitive prices.

Why OSB?

- To bring a fresh perspective to the fore with every project that it undertakes
- To align quality, innovation and sophistication to client expectations
- To provide cost effective and customized construction solutions
- With a dynamic and experienced leadership that has successfully worked out a winning fusion of technology, processes and products
- With specially trained workforce with competence to identify and bridge any gaps in system operations and quality control



An Undeniable Partner in Every Industry

The OSB Prefab sandwich panels have a presence in every industry, partaking and contributing to their growth in production and nation building. We are indispensable partner in functioning of



Pharmaceutical production & Research units, BioTechnology



Ripening units and Storage units



Rubber and allied production



Dairy and Food Processing



Engineering



Industry



Construction



Marine



Solar

A leading Edge in Prefab Technology & Infrastructure

A stellar facility of 12000 sft. in Cherlapally Industrial Area equipped with high precision machinery to manufacture and deliver flexible modular building material that can optimize time, budget and quality by any order.

- High Precision PU Injection HP 100 machinery
- Hydraulic Presses – Upto 9 mts
- Shearing Machines
- Bending Machines
- Profiling Machines
- Welding and Cutting Machines
- Punching machines

And a production capacity of 5.8 million sft per annum.



PUF Panels

Discover the Unlimited Possibilities of Application of Prefab Technology

These panels are designed with Tongue & Groove joints, specially designed Cam locks to facilitate and enhance airtight assembly. The variants are manufactured with pre coated GI sheets, SS or otherwise as directed, in a range of sizes and thickness varying from 30mm to 150mm.

Technical Specification

Type of Panel Joints	: Tongue and Groove / Cam Locks
Density	: 40 kgs +/-2 per cub mtr.
Panel Lamination	: PPGI / SS / Cement Board
Thickness	: From 0.3 mm upto 1 mm or as per customer requirement
Color	: Standard RAL 9002 / RAL 9001
Loading bearing capacity	: 150 kg/sq. mtr.
Length	: Upto 9 mts.
Thickness	: 30mm to 150 mm
Ribs on panels	: Can be provided
Insulation	: HCFC Free
Closed Cell contents	: 90 - 95%
Water absorption	: 0.2 % volume @ 100% RH
Thermal Conductivity	: 0.023 - W/m.k

Applications

- | Clean Rooms
- | Cold Storage
- | Shelters
- | Farm House
- | Prefab Office
- | Cold Ware House

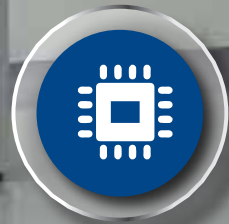




Operation Theaters



Pharmaceutical Production Unit



Electronic Industry



Food Processing Unit

Clean Room

A Clean room is an environment, typically used in manufacturing or scientific research, that has a low level of environmental pollutants such as dust, airborne microbes, aerosol particles and chemical vapors.

More accurately, a clean room has a controlled level of contamination that is specified by the number of particles per cubic meter at a specified

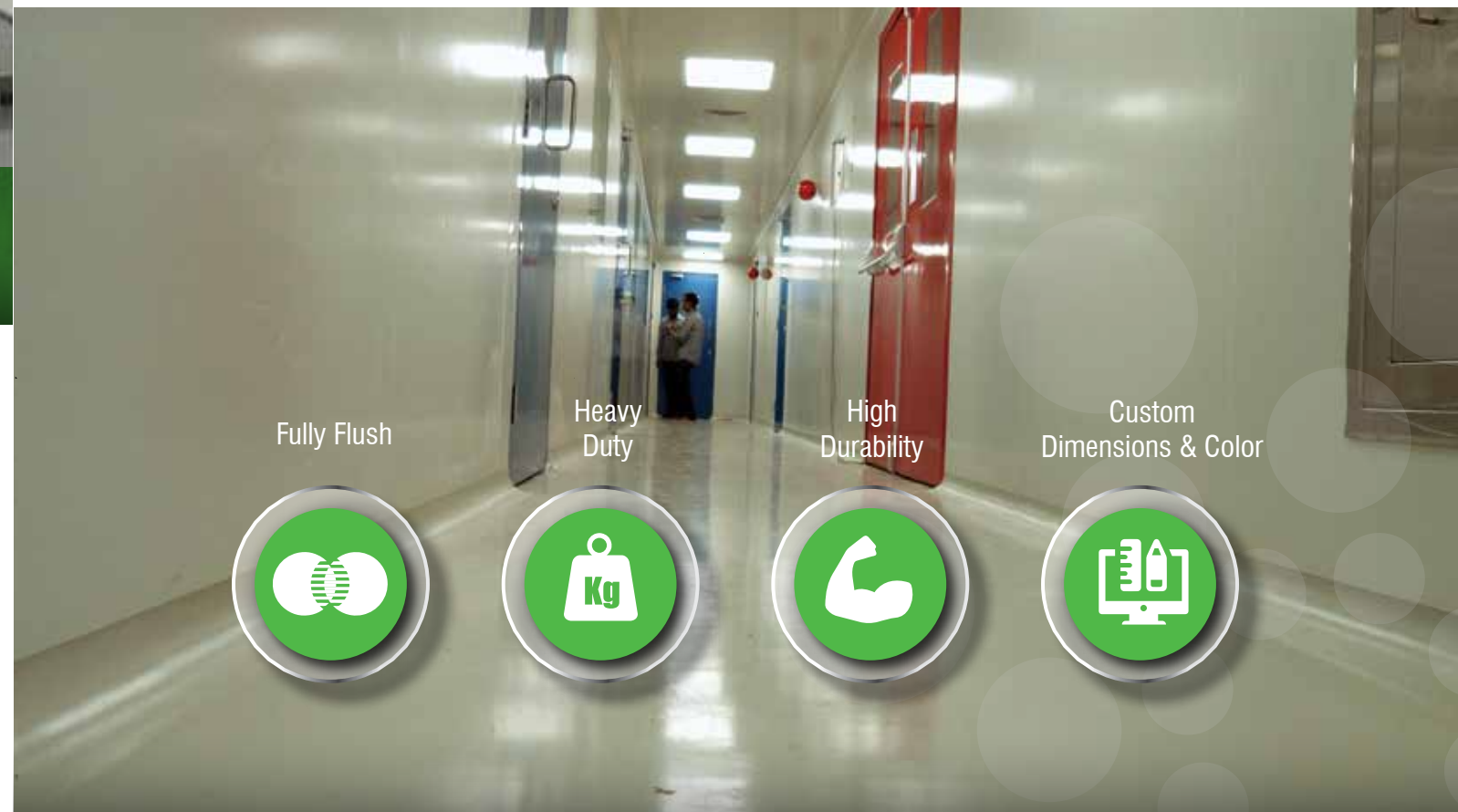
particle size. To give a perspective, the ambient air outside in a typical urban environment contains 35,000,000 particles per cubic meter in the size range 0.5 μm and larger in diameter, corresponding to an ISO 9 clean room, while an ISO 1 clean room allows no particles in that size range and contains only 12 particles per cubic meter of 0.3 μm and smaller.

Clean Room Doors

We manufacture and supply Clean Room Doors , Metal Doors , Clean Zone doors , Emergency Doors & General Purpose Doors. Our doors are approved by the industries that we have catered to across the country.

Technical Specification

Lamination	:	Galvanized iron Sheets with Powder coating SS 304 Sheets
Sheet Thickness	:	For Shutters – 0.8 for Regular Doors, 1.2 mm for Fire rated doors From Frames – 1.2 for Regular Doors, 1.6 mm for Fire rated Doors
Shutter Thickness	:	44 mm
Color	:	Vista Blue, Off white, Brick Red & Customized Color duly powder coated
Shutter Insulation	:	Paper Honey Comb, Polyurethane Foam, Poly Isocyanate Foam, Rockwool
Types of Door	:	Single Door, Double Door, Triple Door
Standard Hardware	:	Hinges, Door Closure, Door Lock, Push Plate, Door Closure, D Handles, Tower Bolt & View Glass (Toughened / Float)
Optional Hardware	:	Kick Plate , Automatic Door Bottom seal



Fully Flush



Heavy Duty



High Durability



Custom Dimensions & Color



Roofing and Cladding

The roofing panels are made of Polyurethane foam (PUF) sandwiched between layers of water proof and non-corrosive material. They are designed to withstand varying and extreme external temperatures or heavy rainfall conditions. OSB roof panels control heat transfer by 5 to 6 degrees. They also absorb and reduce noise levels and insulate the interiors. The panels provide highly cost effective, low maintenance roofing solutions.

5-6 Degrees
Heat Control



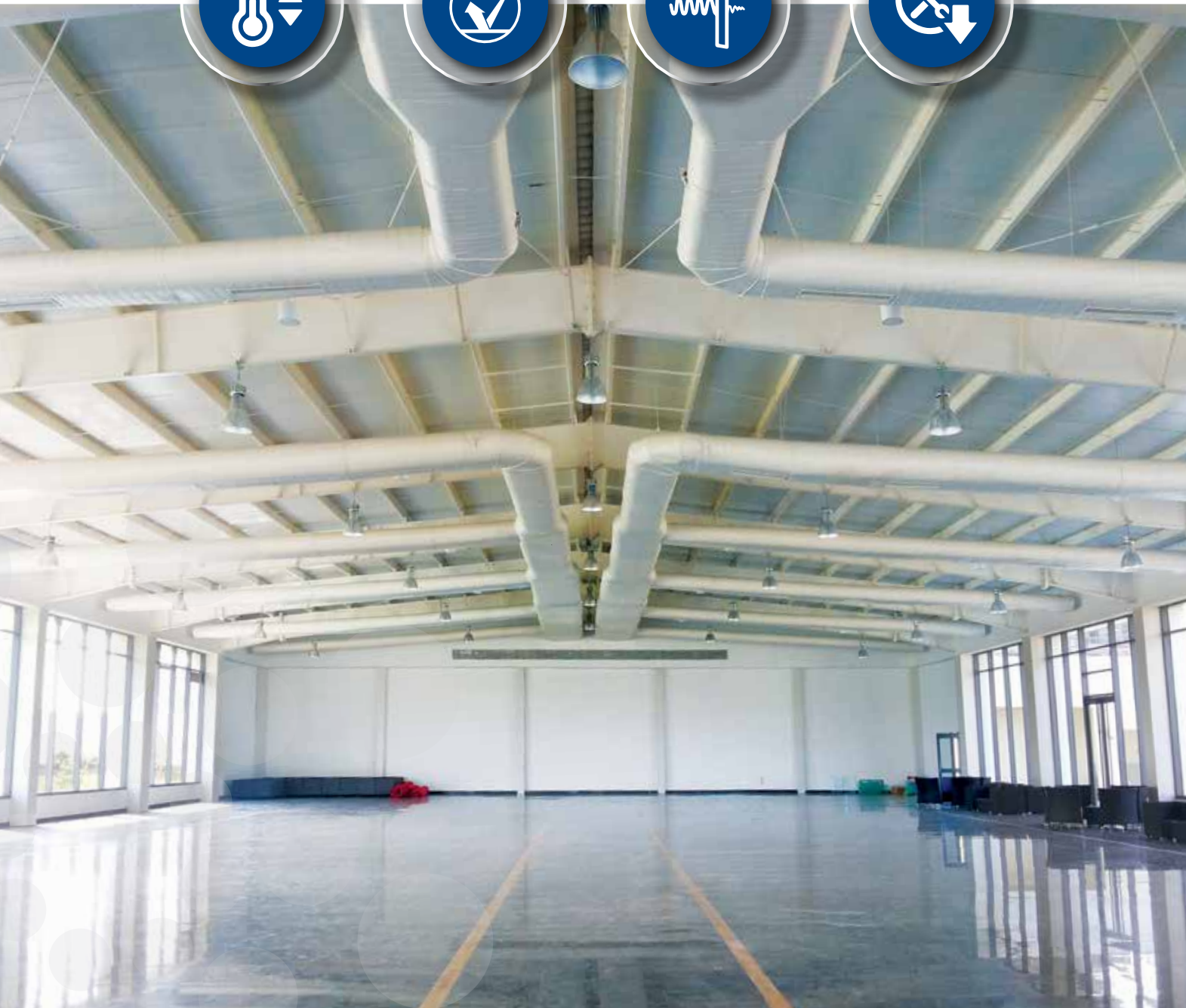
Water
Proof



Reduce
Noise



Low
Maintenance



Walkable False Ceilings

We manufacture, supply & erect Walkable False Ceiling with PUF insulation. Our walkable false ceiling possess excellent aesthetics and great strength.

We also provide accessories to fix the walkable false ceiling panels as per customers' requirement and the site conditions. Further, we can also provide HVAC / Electrical and pipe line cutouts at the site itself.

Our walkable false ceiling are used in industries to effectively maintain appropriate temperature, hygiene and cleanliness.

Walkable False Ceiling applications

- | Food Processing Units
- | Bottling Units
- | Electronics
- | Pharmaceutical Industries

Cold Room & Doors

Cold Room

The Cold Rooms are designed for specific cooling and storage needs of an industry. Suitable for storing items that are sensitive to extreme temperatures or those required for immediate use. PUF panels are manufactured in the state-of-the-art facility with updated machineries.

Our Cold Rooms are built by experts who understand all aspects of industry needs and preservation.

Cold Room & Doors applications

- | Agri – Horticulture
- | Dairy segment
- | Meat Processing
- | Marine Industry
- | Food Processing
- | Cold Logistic warehouses
- | Ripening Chambers
- | Chemical Industry

Cold Room Doors

OSB is one of the leading manufacturers of doors in India under the brand TUFFDOORS. We have a wide range of doors suitable for various applications. Our doors are used in Pharmaceutical, Cold chains, Food processing, Industrial units, Dairy units, Construction, and Bio toilets.

We use premium raw material and hardware to make the doors and provide customized solutions going by the client requirement. With our sheer commitment we have always adhered to the strict timelines and have helped our clients in conducting their business in a sustainable manner.

We manufacture various types of Cold Room Swing Doors

- | Panel Mounted Door
- | Frame Mounted Door
- | Flush Type Door
- | Hatch Door
- | Doors with Heaters



Prefabricated Farm House

A Fusion of your Imagination and our Expertise

We are one of the leading manufacturers and fabricators of stylish and exclusive Farmhouses for our valued customers. These include Prefabricated Home, Prefabricated Building and Prefabricated Farmhouse

- | Farmhouse ready to use.
- | Beautiful European design with English colours.
- | Enjoy comfort and style with family.
- | Reduce construction costs and simplifying your homebuilding experience.

Prefab farmhouses are flexible in nature and take less time for occupancy compared to conventional buildings. They are suitable for speed construction, temporary swing space and where features of relocation are necessary. These buildings are cost-effective as compared to conventional buildings.



Our Esteemed and Exclusive Client Base



Project Pictures



OSB Prefab Technologies

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