





**Committed to Excellence**

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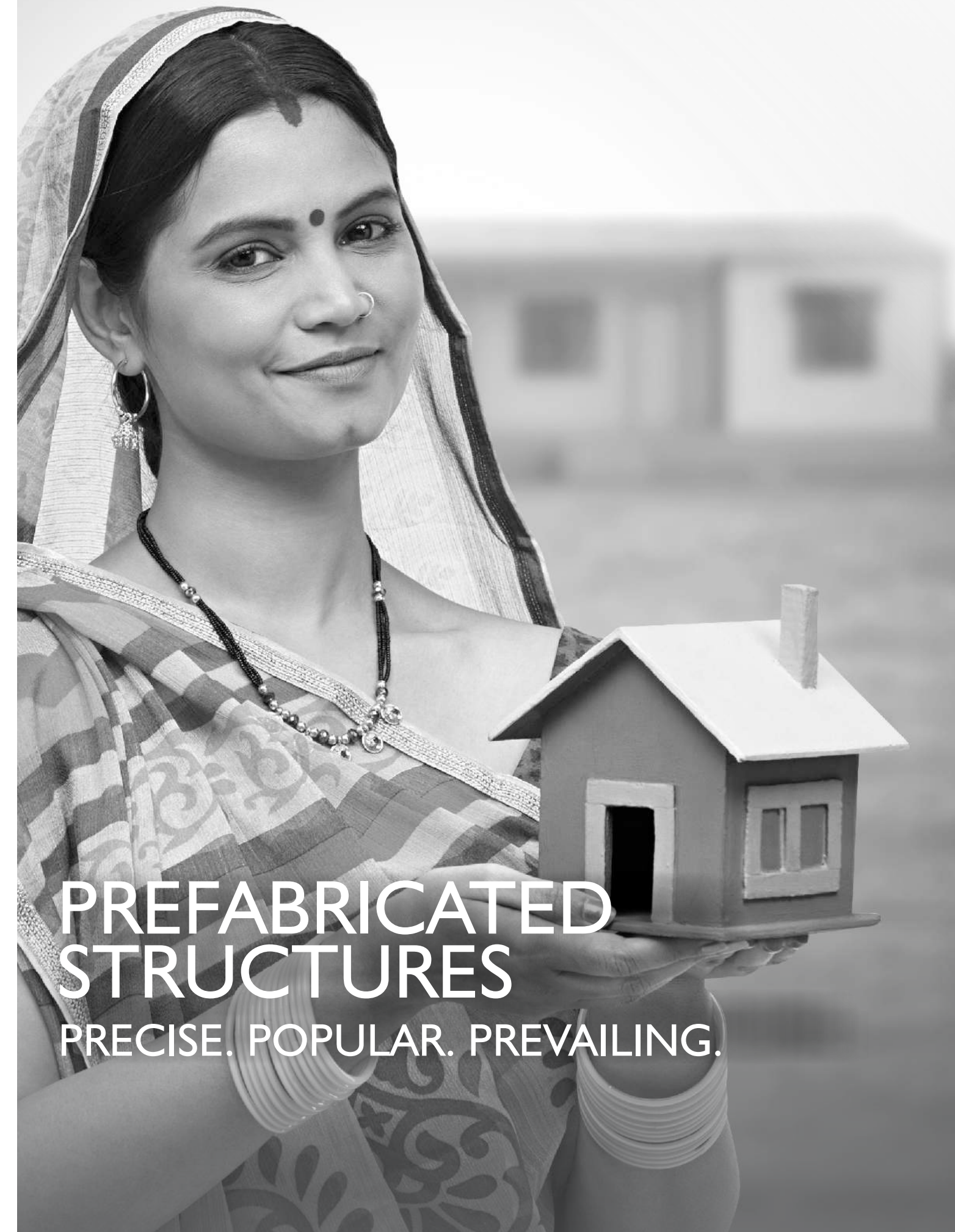
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**PREFABRICATED  
STRUCTURES**

**PRECISE. POPULAR. PREVAILING.**

## CHANGE IS INEVITABLE, PROGRESS IS OPTIONAL

### The changing face of India's infrastructure

India has given the clarion call to the world to "Committed to Excellence". In order to make India a world class and preferred destination for manufacturing, many private and government initiatives are working in tandem to bring about the requisite infrastructural development to the most remote corners of the country. Along with the infrastructure development for industries, social infrastructure requirement too is emerging. Zep has stepped in to provide swift, secure and cost effective social infrastructures through its range of Pre-Fab structures.

Zep is India's leading Pre-Fab solutions provider; offering efficient, durable site built alternatives that are also far more economical in comparison to conventional constructions.

We are an ISO 9001:2015 accredited Pre-Fab company, offering highly customised, world class quality to its customers and follows it up by timely and efficient after sales service for total customer satisfaction.

## QUALITY PRODUCTS BEGIN WITH QUALITY THINKING

### The advantages of new age infrastructure solutions

Zep Pre-Fabs have a great edge over brick and mortar constructions.

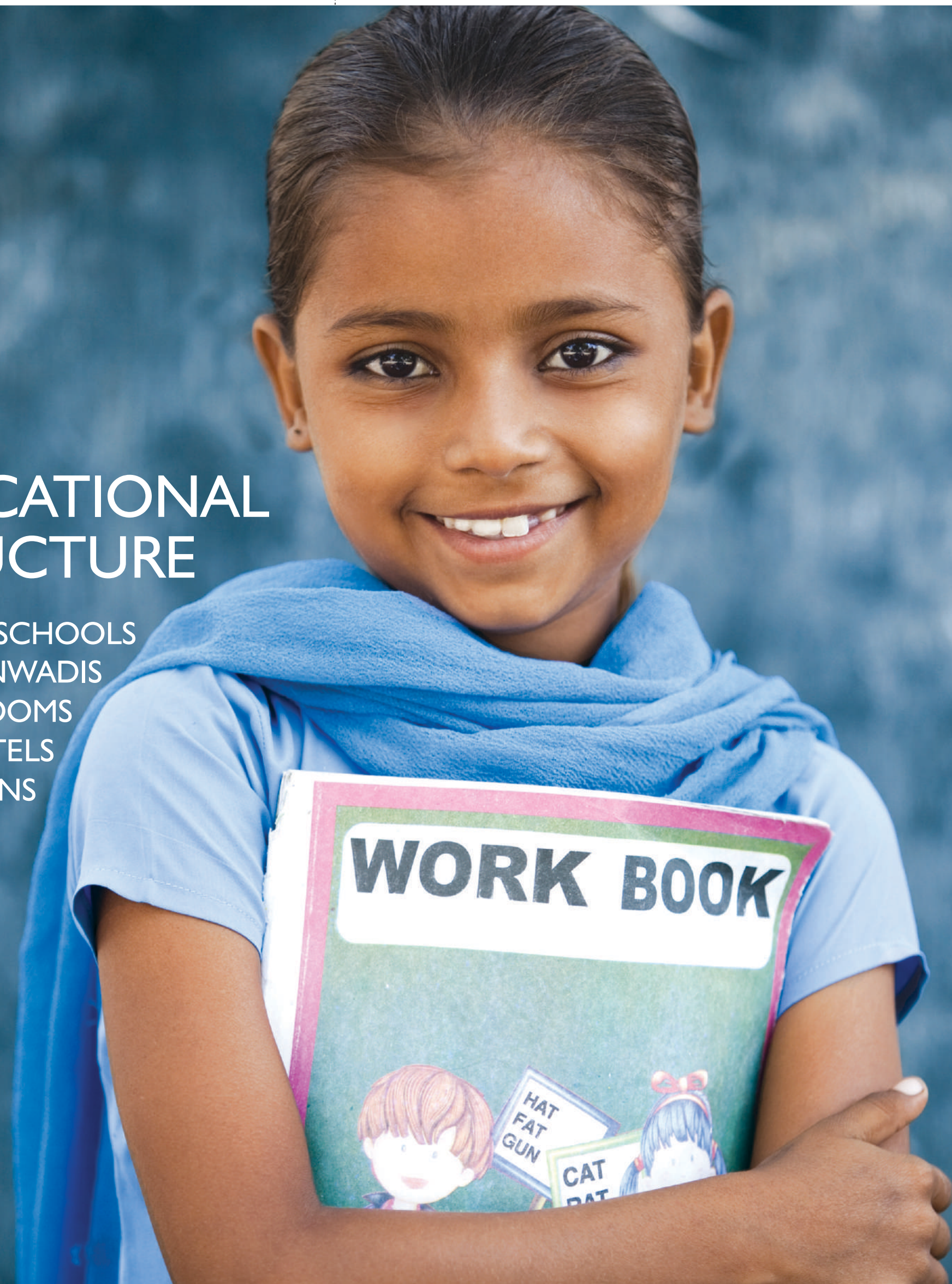
The advantages offered by the Pre-Fabs, besides time conservation, are manifold

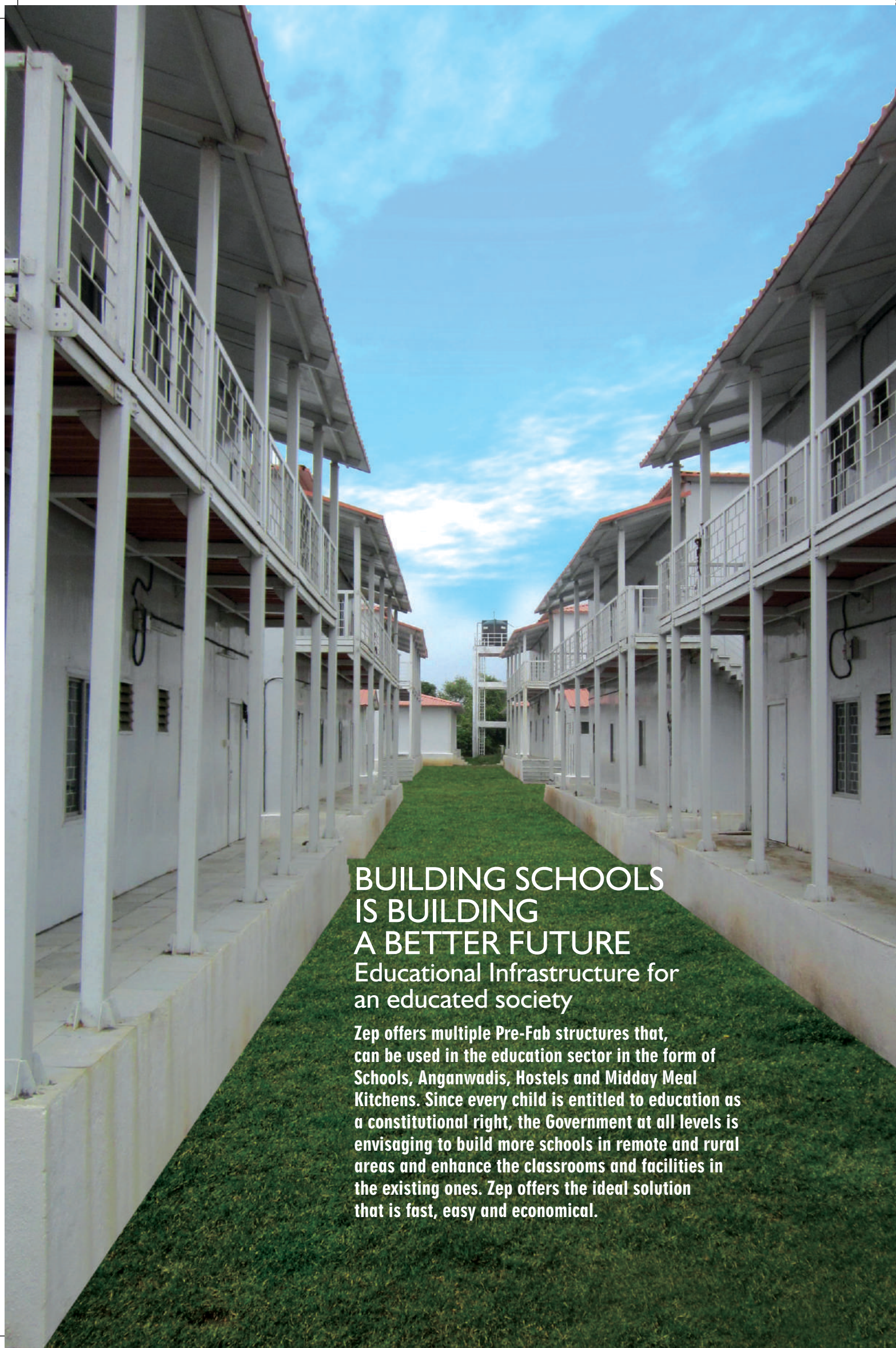
- Earthquake resistant structures that are designed to suit different seismic zones
- Can withstand wind velocity up to 150 kmph
- Predicted lifespan of a minimum of 50 years
- The construction is modular which allows easy expansion whenever required
- Offers excellent insulation owing to sandwich model of construction
- Available in a wide range of standard sizes, shades and finishes
- Panels are manufactured self-coloured eliminating the need for plastering or painting
- Highly customisable as it is built in a central factory and easily transported in a dismantled state to any terrain or location
- Extremely durable, maintenance free with water proof and fire resistant qualities



# EDUCATIONAL INFRASTRUCTURE

SCHOOLS  
ANGANWADIS  
ROOF TOP CLASSROOMS  
HOSTELS  
MIDDAY MEAL KITCHENS





## BUILDING SCHOOLS IS BUILDING A BETTER FUTURE

Educational Infrastructure for  
an educated society

Zep offers multiple Pre-Fab structures that, can be used in the education sector in the form of Schools, Anganwadis, Hostels and Midday Meal Kitchens. Since every child is entitled to education as a constitutional right, the Government at all levels is envisaging to build more schools in remote and rural areas and enhance the classrooms and facilities in the existing ones. Zep offers the ideal solution that is fast, easy and economical.



### Schools

More than 25,000 Zep Schools and Schoolrooms are in use in India and abroad. The design of these structures is so flexible that a single school room or an entire school for any number of students can be erected anywhere, even in the remotest corners of the world. Zep Prefab schools also come with additional facilities like Drinking Water facilities and Sanitation blocks.



### Anganwadis

Schemes sponsored by multilateral agencies like the World Bank, ADB, the projects to build schools and anganwadis are time bound and hence need to be completed within the stipulated time which can be ensured by adopting Zep Pre-Fabs.





### Roof top Classroom

Government and Municipalities have built primary and secondary schools across the country to spread education to the lowest strata of the society. With increasing population, the education infrastructure needs upgrading and expansion. Within the existing school infrastructure, the capacity of classrooms can be increased with Zep Roof top Classrooms.



**Hostel**  
Quick and sturdy solutions to Hostel requirement of students in residential school facilities are offered by Zep. Existing Hostel infrastructure can also be expanded in the most efficient and economical manner within the least possible time.



**Midday Meal Kitchen**  
Zep Midday Meal Prefabricated Kitchens are ideal owing to the fire resistant qualities of the structure along with the fast heat and smoke dissipation design. The structures are constructed with sandwich panels made of pre-coated GI sheets with structural PUF insulation in between them. All the components are made with the most stringent quality checks, centrally, at the Zep factory and can be easily assembled anywhere in India or the world.

# DEFENCE INFRASTRUCTURE

IN SERVICE OF THOSE  
WHO SERVE THE NATION...  
OUR BRAVEHEART SOLDIERS

Sturdy yet Flexible Infrastructure for all terrains

**Zep prefab structures have been successfully installed for military establishments in Afghanistan, the Indian defence forces in Bhuj in Kutch, Gujarat.**

A wide array of dependable Pre-Fab infrastructure innovations are available from Zep for the defence sector's civil and battle station utilities. Prefabricated modular architecture in either parts or entire buildings can be custom built in the factory and transported to the site and assembled. The infra innovations offered are myriad, be it an army school, living shelter, dormitories, guest house, dining hall, office, mobile OPS room or toilet block to name just a few. The structures are made from combination material such as Plastocrete, Cement sheets of DGS&D specifications, Pre-coated sheets with PUF and Polystyrene FRP sheets with PUF and Polystyrene.



# SANITATION INFRASTRUCTURE

SANITATION & CLEANLINESS  
ARE TRUE HALLMARKS  
OF A DEVELOPED  
NATION

Taking India towards  
a more hygienic and  
clean environment



**Sugam and Nirmal Toilets by Zep are the ideal and economical sanitation solution for the rural areas. There are specialised toilets designed for mass use in schools and public places like bus stations, parks etc. Zep also offers water storage solutions like Water Huts and Overhead Tanks for use in public places.**

**The company takes its products beyond toilets and offers waste management solutions too in the form of Septic tanks, Precast Soak pits and Gully traps for an all-encompassing sanitation solution.**

**Traditionally, the toilet has never been a part of a rural Indian home. Fields and open grounds have been used for defecation and small covered corners for bathing. This has been a major cause for outbreak of diseases and unsanitary surrounding in and around villages and towns. Now the Indian Government is making a serious effort through a mass media campaign and exhorting Corporates to undertake building toilets and offer sanitation solutions where none existed so far.**

**Where a conventional brick and mortar toilet takes time, money and space to build, Zep offers Prefabricated toilets of an entire range that can cater to different utilities. There are Portable toilet solutions for individual use and public use in the form of Portolet Toilets and Mobile Toilets, respectively.**





## SITE INFRACTURE

Pre-fab structures can also be considered for site offices, or temporary offices for a few years until the regular brick and mortal structures are completed. Zep structures can be used to expand the capacity of the existing commercial buildings through structures on the roof tops /terraces.

Some of the site offices built through Pre-Fab technology are executive offices in the field, testing labs, temporary observation and documentation offices, plan offices, store area, power rooms, control rooms. All the structures have all the amenities of a conventional buildings like water connection, electricity, air conditioning, telecommunication facilities etc.



## LABOUR CAMPS

Large infrastructure projects such as building of airports, highways, metro rails, dams, ports, SEZ are upcoming in many corners of the country. These projects due to their sheer size and scale employ a large workforce that is transitory in nature and yet need to be accommodated for a time period anywhere above of 2 years. Site Labour Camps are the perfect solution for such a requirement.

These Zep units are a combination of different walling elements (made from Plastocrete, a proprietary technology of Zep) and complementing structural parts. Together, they provide a safe, secure and durable residential unit.





## KIOSKS, SHOPS AND SECURITY CABINS

Zep Prefabs are a simple solution for employment generation schemes, exhibition stalls, toll cabins, pan shops, milk vending booths, and watchman shelters. These are all units that do not take up much space and are often built on a temporary basis. Hence, movability and ease of assembling and disassembling Zep Prefabs is of prime importance when it comes to building such units.



## BUNK HOUSE

Bunk houses by Zep in myriad locations and situations for short durations and at times for a couple of years have been preferred by large corporates like Reliance, ONGC, HPCL, BPCL, GAIL, Hydroelectric projects, thermal projects, road infrastructure projects, large civil constructions and mega industrial undertakings.

- Containerized office/living modules with in-built arrangement for lifting by hooks/crane
- Complete with electrical wiring and the option to be plugged into external electrical sources
- Sliding windows with necessary weather sheds and optional mosquito screens
- Self-locking doors with locking arrangements closures and steps if kept at a height
- External bulbs and headlights
- Provision for fixing air conditioners and DG sets
- Internal furnishings from pre-laminated PVC sections
- Can also be provided with modular work stations, study tables, storage racks, built-in refrigerator/water coolers, etc.



## TELECOM SHELTERS & ELECTRICAL CONTROL ROOMS

Zep BTS Shelters are extremely energy efficient, well insulated, lightweight, compact water tight, dust proof, durable units that offer integrated solutions for energy saving like, air-conditioned units, power management systems, thermal management systems with special phase change material.

These Shelters are equipped with Smart Power Management Systems, generally used in GSM / optical repeater stations / CDMA networks.



## PREFAB HOMES

Zep has Pre-Fab Homes that are elegant, contemporary and affordable, designed to last for over 50 to a 100 years. They are modular in design with one/two bedroom options with attached/ unattached toilets, a living room and kitchen. These homes also come with models for a two storied structure, complete with stairs.

These Zep units are a combination of different walling elements (made from Plastocrete, a proprietary technology of Zep) and complementing structural parts. Together, they provide a safe, secure and durable residential unit.

Prefabs provide a combination of walling elements along with suitable structural parts to deliver safe, secure and durable dwelling units.



### Farm Houses

- Factory-made houses that do not require much quality control
- Maintenance-free even when not in use for long periods

### Servant Quarters

- Ideal spaces for lodging house help personnel
- These spaces can also serve as storage for miscellaneous household items/appliances



# HEALTHCARE INFRASTRUCTURE

HEALTHCARE IS NOT A PRIVILEGE  
BUT A FUNDAMENTAL RIGHT

Making Healthcare accessible in the remotest places



health centres, clinics and full fledged hospitals is Zep Pre-Fab structures forte.

The healthcare structures of Zep are factory made and can be erected at any site of choice at the shortest possible time at the most economical price. Offering quality solutions that are custom made and at low cost makes them the ideal choice for corporate philanthropic endeavours and Government health initiatives.

Along with education, the one other sector that is needed in remote areas of India and the world is - medical services and healthcare. Offering sterile and clean structures to function as primary



# GOVERNMENT INFRASTRUCTURE

GOOD GOVERNANCE INVOLVES  
GOOD AMENITIES & SERVICES

Enabling good governance with utmost efficiency and economy



As the Government undertakes the responsibility of providing a multitude of services and facilities, it also has the requirement for myriad small and large civil infrastructure requirements for the numerous government officials in the line of duty to execute their responsibilities in the best possible manner. Police chowkis, milk booths, bus shelters, panchayat offices, civic centres, information

centres, pump houses, railway manned crossing cabins, check post cabins, BTS shelters, sales tax collection booths, staff quarters, Guest houses ...the list is endless. In the service of those who serve the country and its citizens, Zep offers customised civil infra solutions that will take half the time and cost of a conventional civil structure.

## TYPES OF CONSTRUCTION



Single-story and standalone structures



Structures above existing buildings



Structures above existing buildings



Stilt structures



Stilt structures

## TYPES OF CONSTRUCTION



Multi-story structures



Multi-story structures



Multi-story structures



Prefabs with knocked down flooring



Prefabs with knocked down flooring

# PREFAB INSTALLATION STEPS



Step 1



Step 2



Step 3



Step 16



Step 17



Step 18



Step 4



Step 5



Step 6



Step 19



Step 20



Step 21



Step 7



Step 8



Step 9



Step 22



Step 23



Step 24



Step 10



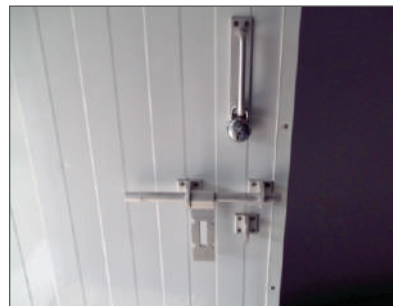
Step 11



Step 12



Step 25



Step 26



Step 27



Step 13



Step 14



Step 15



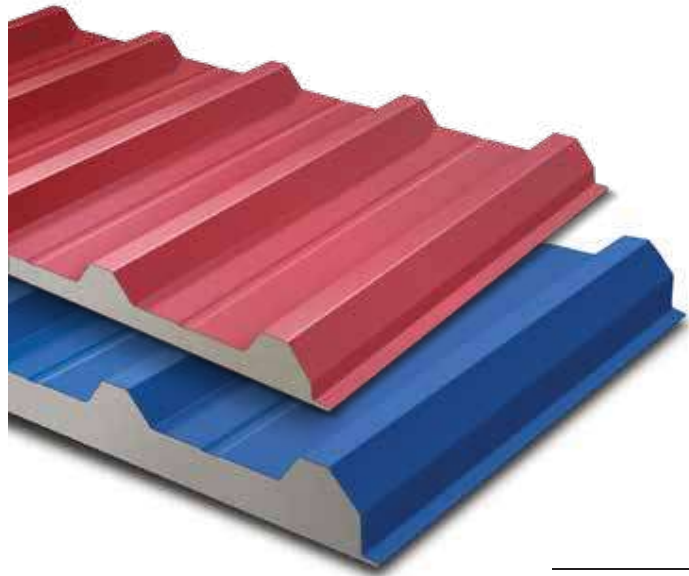
Step 28



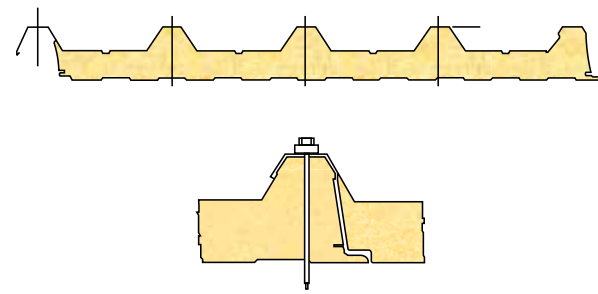
Step 29



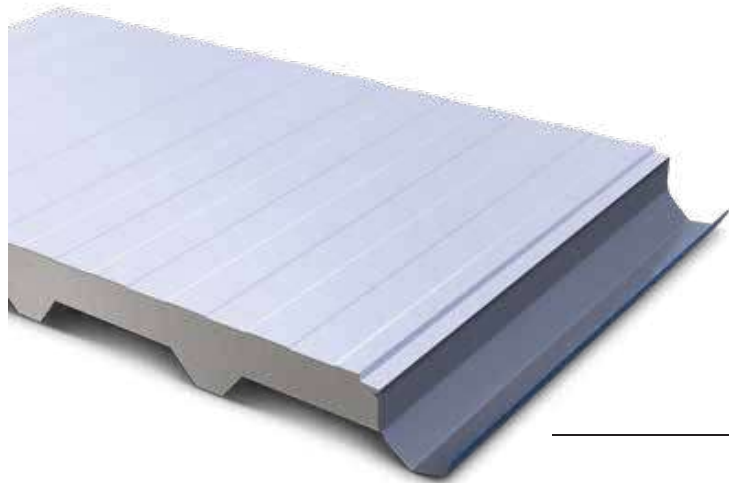
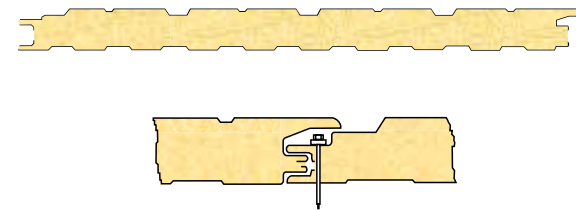
Step 30



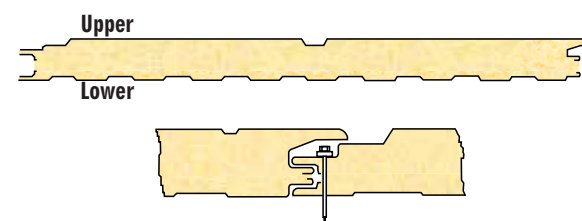
**SIP-1001- Zep Roof Panels**



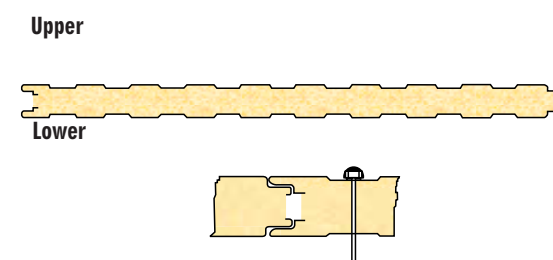
**SIP-2001- Zep Wall Panels  
(Concealed Fastner-Single Profile)**



**SIP-2002- Zep Wall Panels  
(Concealed Fastner-3 Profile)**



**SIP-2003- Zep Wall Panels  
(External Fastners)**



## ACCREDITATIONS

All the Zep Prefabs are approved or validated by various Government and other autonomous institutions.

