

# PREMOD BUILDING SYSTEMS PERMANENT BUILDING SOLUTIONS



*A New Angle on Modular Home Design*

# PREMOD PERMANENT IBT/ABT

Innovative building technologies (IBTs) demonstrate **significant value-adding attributes to construction products** and according to studies, could reduce construction costs and time, and even improve the construction quality for relevant IBT systems.

## PREMOD SYSTEMS PERMANENT BUILDING SYSTEM

- ↳ Agrément approved
- ↳ Aesthetically pleasing & look alike of plastered conventional brick house
- ↳ 60% reduced construction time
- ↳ 10% reduced construction costs
- ↳ Thermal efficient system -3 times better than brick and mortar build
- ↳ Reduced cost of specialist tradesman
- ↳ Empowers local communities to get involved in construction & finishing

# PREMOD PERMANENT IBT/ABT

- As panels are manufactured in a controlled factory environment, this decreases the opportunity of poor workmanship during construction.
- On-site training and use of non-skilled local personnel.
- Due to the construction method there is an ability to offer a higher degree of performance compared to that of the conventional block building system.
- Elimination of small material theft as the panels are delivered to the respective site and erected the same day.
- Ease of material coordination and handling, as the panels may be off loaded from the transporter and carried manually to the slab.

# PREMOD PERMANENT IBT/ABT

The availability of a range of optional extras:-

- Ceilings
- Floor finish
- Electrical installation, distribution board, plug points, light fittings and wall switches. The conduiting may be built into the panels during their manufacture and a wiring harness system used at time of installation, thereby negating the need of chasing.
- Plumbing
- Cupboards both built-in and kitchen
- Wall Tiling
- Roof covering may be either Concrete roof tile or Widespan sheeting.

# **PREMOD SYSTEMS**

## **INNOVATIVE BUILDING TECHNOLOGY**

### **BREAKTHROUGH**

- No more bricks
- No more specialist brick layer
- No more piles of building sand and stone
- No long drawn out projects with extras and overruns
- No more reworks due to bad workmanship
- No need for mechanical equipment



- Factory made wall panels with smooth surface ready for a skim and paint
- Use of local unskilled labour who are trained on the job to erect panels
- The look and finish of a traditional brick and mortar building in 1/3 of the time
- 20% overall saving in build
- 1/3 of the time to construct

## **CONSTRUCTION METHOD OF THE FUTURE**

# HOW DOES IT WORK?



**DELIVER**



**PREPARE**



**ERECT**



**WINDOW FRAME**



**BRACE**



**REINFORCE**

# HOW DOES IT WORK?



**CONCRETE IN  
COLUMNS & RINGBEAM**



**GLAZE**



**TRUSSES**



**SKIM**



**ROOF SHEETING OR TILES**



**PAINT**

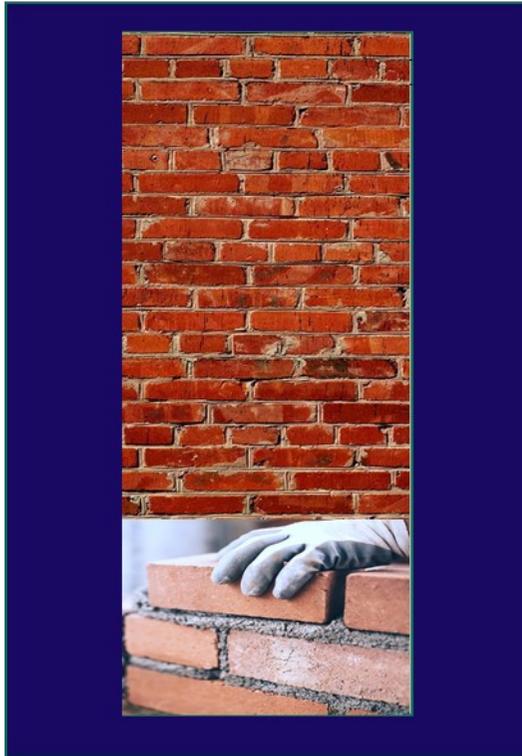


# HOW DOES IT WORK?



**COMPLETED BUILDING (6 weeks completed 400sqm)**

# ADVANTAGES



**NO BRICKLAYING**



**NO PLASTERING**



**JUST ERECT, SKIM & PAINT**



**PREPARE**



**ERECT**



**PAINT**



**FINISH**



**Flatlets in Bathurst**



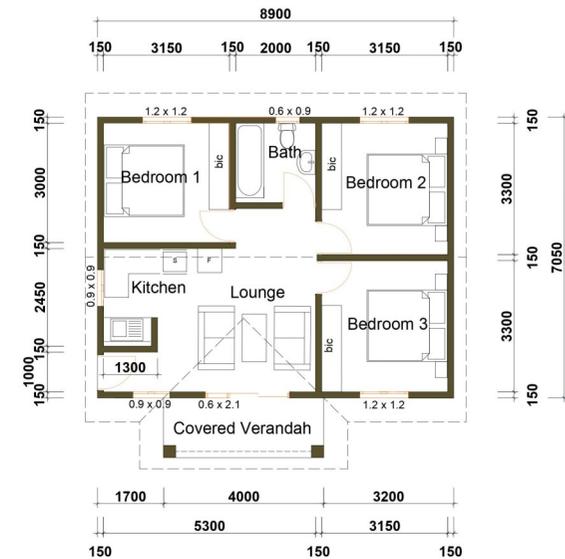
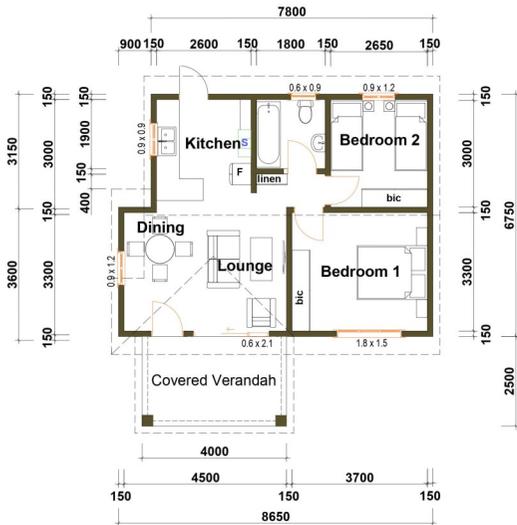
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