

# iBuild Modular Buildings

**Cyclone Rated**  
**Termite Resistant**



**Superfast Assembly**  
**Worldwide Delivery**

# iBuild Modulares

iBuild is a premier pre-fabricated building supplier with outstanding design, research and development capabilities. We are a 100% Australian owned business. Our products include kit homes, granny flats, modular buildings and flat pack homes.

We are a United Nations Approved Tender Supplier for prefabricated buildings. With a globally recognised reputation for innovation, our innovative Butterfly and InstantSlide buildings have attracted worldwide media coverage, generating an international sensation. We pride ourselves in providing our customers with products that are Stronger, Smarter, Faster, and Cheaper.

Headquartered in Melbourne, Australia, iBuild Building Solutions, leverages our team's global expertise and rich experience to provide outstanding service to our clients around the world.

iBuild modular buildings are exceptionally stylish, smart, flexible, and attractive houses that are designed to sustain outstanding living and working conditions in even the remotest locations, at affordable costs. Patented in Australia, US and China, the innovative design is based on the **SMART<sup>2</sup>** philosophy:

**Superfast + Modular + Affordable + Robust + Transportable = LOW cost for owners**  
**Sustainable + Modern + Attractive + Reliable + Technology = HIGH utility for occupants**

Created to meet the requirement of high quality living/working space, the iBuild modular accommodation solutions are cost effective, yet contemporary modular housing solution.

Designed on the basis of 20 foot or 40 foot container, our Butterfly and InstantSlide models can be transported easily as a standard container under the same conditions. They can be installed in a matter of hours, and can be expanded into a spacious temporary or permanent home with excellent performance in terms of thermal insulation, sound insulation, water proof, and fire proof, anti-seismic and wind resistance.

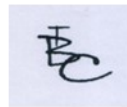
iBuild modular buildings can be used in any situations that call for a fast, flexible, and cost effective accommodation solution that is also tasteful and architecturally sophisticated.



# Certificates and Compliance

Underpinned by patented technologies, iBuild modular buildings have been rigorously inspected by both Australian and New Zealand building authorities. Compliance has been achieved with the building Code of Australian, and relevant Australian electrical and plumbing acts, codes, and standards.

- Resist Earthquakes up to magnitude 7.6;
- Cyclones up to D2, max. gust wind of 320 km/h (conditions applies);
- House Energy Rating 6;
- Excellent sound insulation and thermal insulation;
- Great waterproof and fireproof;
- Lifespan over 50 years.



## Cyclone Rated - gust wind up to 320km/h\*

\* Australian Registered Structural Engineer Certification:

" The design parameters upon which the structural analysis was based are those applicable for Cyclonic Region D and Terrain Category 2 in accordance with the Australian Standard AS1170.2:2002 Part 2:Wind actions.

Other design parameters adopted in the analysis were low site topographic factor and high wind exposure with no shielding.

The calculated applied ultimate limit state regional wind speed VR for the 1 in 500 annual probability of exceedance is 88m/second."

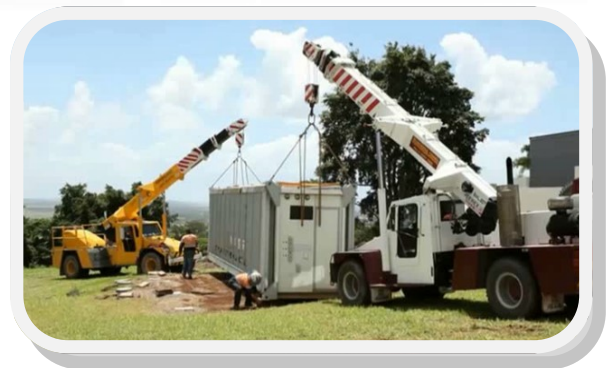
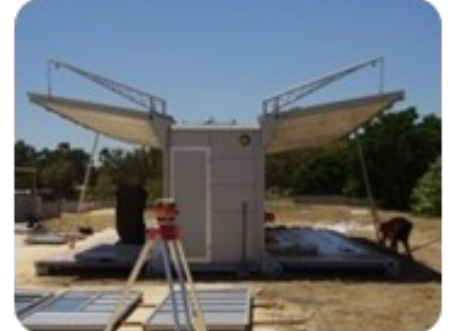


# Features and Advantages

## Fast Installation

- Four skilled workers can assemble or disassemble in 4 hours with standard tools
- 40 foot container will expand into a house covering 82 square meters while 20 foot into 42 square meters
- Our "Fold-out" patent makes it easy to transport and reuse when you need to move to another location

**4** hours



Space up to **3** times

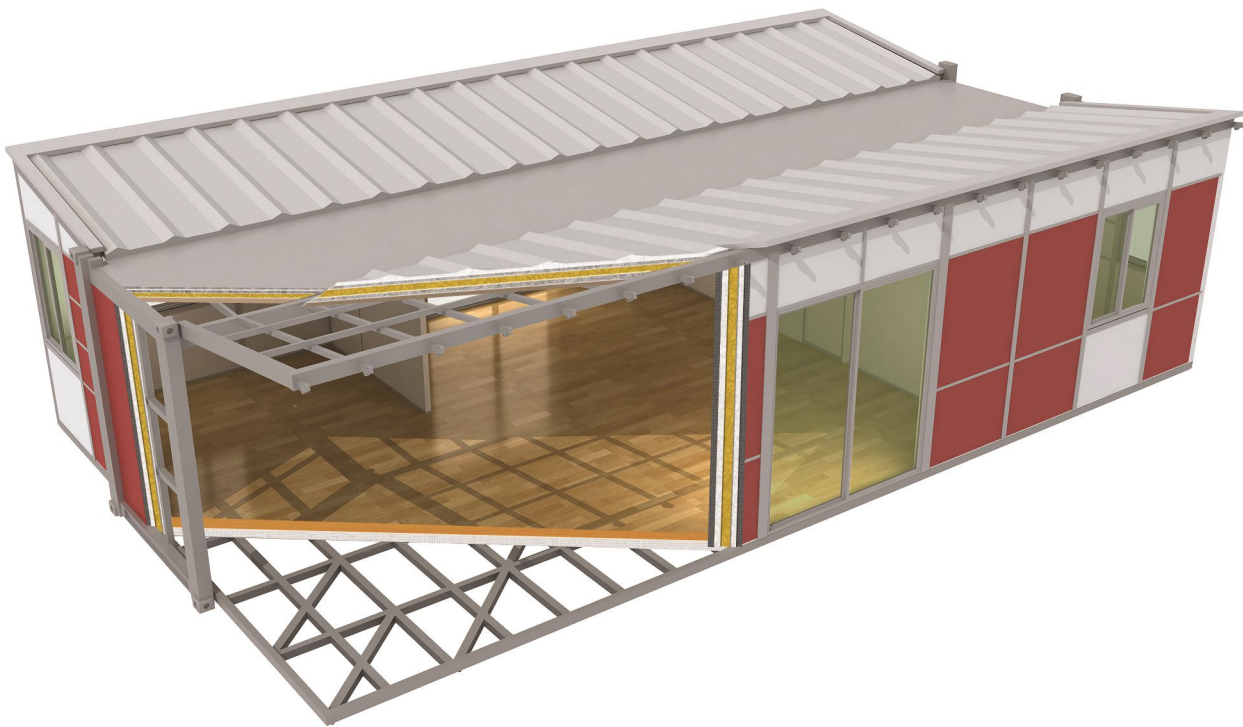
**Expansion**



# Features and Advantages

## Solid Structure

- Channel steel frame performs better than other structural types
- Compliant to Australian Building Codes
- Resist earthquakes up to magnitude 7.6 and cyclones up to rated category 4
- Lifespan is over 50 years



Type	Condition	Length (mm)	Width (mm)	Height (mm)	Weight (Ton)	Building Area (m <sup>2</sup> )
40ft	Unfolded	12190	6790	3260	14-16	82
	Folded	12190	2438	2896		
20ft	Unfolded	6056	6790	3260	8-10	42
	Folded	6056	2438	2896		

# Features and Advantages

## Sound and Thermal Insulation

- The composite structure in the wall, roof, and floor systems in IBUILD houses offers excellent sound and thermal insulation performance
- $R \geq 2.5\text{m}^2\text{K/w}$  for wall system
- $R \geq 3.5\text{m}^2\text{K/w}$  for roof system
- Sound noise  $\leq 38\text{db}$



## Waterproofing & Fireproofing

- Excellent resistance to water or moisture thanks to integrity of the wall panel
- Fireproofing performance
  - External wall: 2.5 hours
  - Roofing: 1.5 hours
  - Floor: 1.5 hours



# Features and Advantages

## Complete Configuration

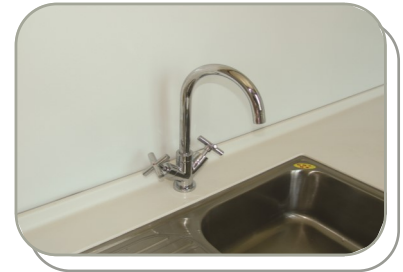
- Pre-installed modern bathrooms and kitchen cabinet
- Bamboo flooring on termite treated marine grade ply base on a structural steel sub-frame
- Complete electrical hard wiring for lighting, television, internet, and telephone. Fully plumbed for water supply, hot water system, and waste removal
- Service terminations ready to receive external connections



Kitchen cabinet



Bathroom



Tap



Main switch box



Socket outlet



Floor socket outlet



Smoke detector



Network outlet



Air con socket



Door fittings



Security door

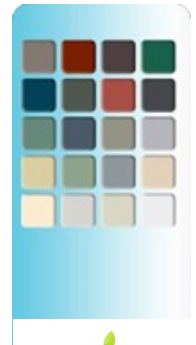


Aluminium frame window

# Features and Advantages

## Customisable

- Various colours are available for wall panels
- Interior layout can be modified to suit individual requirements
- Units can be linked to meet customers specific requirements



## Environment Friendly

- Recyclable panels are used to further enhance the longevity, thereby conserving energy usage and resource consumption, and reducing impact to environment
- On-site installation produces no construction waste and no air, soil, noise, and water pollution, nor other environment impact
- House Energy Rating 6.0





# Product Gallery

## — Mining Series/Workers Series —

- Mining series are ideal for accommodation in mining areas
- This series allows mining companies to attract and retain staff in a cost-effective way



# Product Gallery

## Residential / Travelling Series

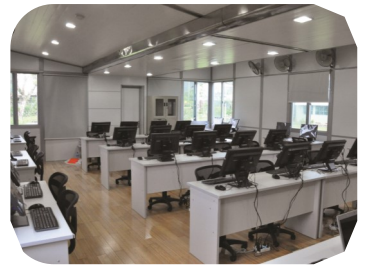
- Residential Series can be used for temporary or permanent home-like accommodation
- Suitable for travelling
- Move-in ready



# Product Gallery

## Office/Education/Medical Series

- Office Series are ideal for an administrative office, site manager's office, and temporary or permanent local operation facility
- Education Series are ideal for multi-media classroom with high speed internet access
- Medical Series are ideal as disaster relief centres, storage centres, or operation theatre



# Product Gallery

## InstantSlide Models

- The InstantSlide models can be assembled in a minute, by touching a button on a remote control
- The InstantSlide models can be easily relocated to other sites for as many times as required
- The InstantSlide models come with two sizes: 25 m<sup>2</sup> and 50 m<sup>2</sup> (after slide-out expansion).



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