JUST SIPS

STRUCTURAL INSULATED PANEL SYSTEMS

What are *JustSIPS?*

SIPS are a structurally insulated panel system that is an increasing popular alternative building material to brick.

JustSIPS harnesses the thermal qualities of conventional SIPS to form a unique integrated structural system

Faster construction

Load bearing = 9 tonnes *per panel*

9 star energy rating

Exceeds 318 km/h cyclone standards

Easy to ship

Construction efficiency:

- Faster construction time compared to brick and other SIPS products

Cost effective:

- Construction simplicity reduces labour costs
- Reduces on site material costs
- Superior thermal qualities reduce ongoing energy costs

Proven Structural Strength:

- One of the only panels on the market recognised for its huge load bearing qualities *of 9 tonnes per panel.*
- Exceeds Regional D cyclone standards where winds can reach 318 km/h.
- Earthquake resistant to 6.5 RS
- Fire resistant

Durability:

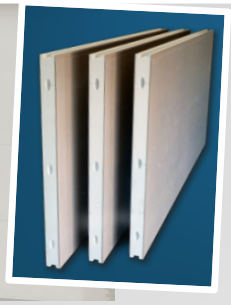
- Unique lamination process ensures greater longevity compared to rival SIP products
- Impact resistance material reduces maintenance costs.

Environmentally friendly:

- 9 star energy rating reduces heating and cooling costs
- Thermal qualities of our panels are a minimum *3 times better* than brick.

Versatile:

- Designed for every environment
- Modular system makes shipping to any location easier



JUST SIPS

STRUCTURAL INSULATED PANEL SYSTEMS

Australia's most innovative integrated structural system

JustSIPS are proudly made in Australia and benefit from over 30 years of innovation.

Our dedication to designing a unique integrated structural system has delivered assurance and choice across Australia and around the world.

30 years of innovation

Advanced thermal qualities

New multi storey applications

New proven modular system

Enhanced design flexibility

30 Years of Innovation

We have dedicated more than 30 years to creating an unsurpassable, structurally insulated panel building system.

Achieve Perfection

The JustSIPS installation system results in walls and surfaces that are perfectly flat in contrast to plasterboard finishes.

In contrast to brick wall exteriors, plasterboard interiors and even other SIPS panels on the market, the unique Just SIPS assembling system enables the perfect alignment of panels and removes the chance of human error.

3 Times Better

JustSIPS panels have more than 3 times the thermal qualities of double brick.

One of the ways JustSIPS panels achieves this is through its innovative panel connection system. The JustSIPS unique panel connection system remains thermally insulated to give superior interior temperature control – unlike other SIPS products.

Latest Innovations

Recent rounds of research and development have resulted in more breakthroughs, including:

- successful development of modular systems ideal for for overseas export
- more multi storey applications that are now being used for luxury homes
- increased design flexibility allowing for construction of larger structures, like warehouses.

JUST SIPS
STRUCTURAL INSULATED PANEL SYSTEMS

Client:	Eastern Goldfield Aboriginal Council
Location:	Menzies, Western Australia
Project:	7 homes, 1 community hall
Constructed:	1983

Ideal for Owner-Builders

Delivered as "Full Kit Home"

Kitchens, floor and fit out items included

Constructed by community residents

Test of time: our panels more than 30 years later

Features

The community chose the house designs to meet their own requirements, with minor adjustments to suit our modular format of the day. The home owners selected their own color schemes internally and externally.

Construction Method

The units were delivered as a *full kit home* including kitchen , fitout items and floor coverings which were delivered to site along with one company supervisor.

Installation

The erection process was carried out entirely by unskilled workers from the Menzies community (under our supervision) with workers receiving payment from a government grant.

Other Contractors

Concrete slab by a local contractor.
Qualified plumber and electricians.

Result

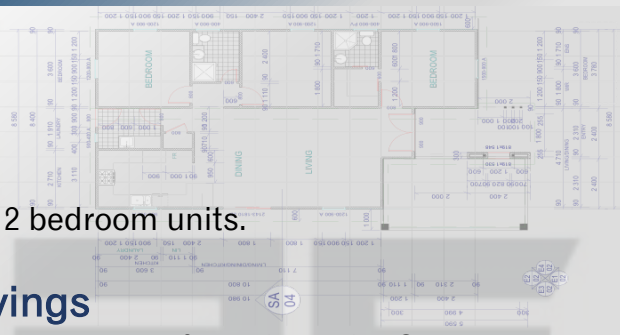
From the successful delivery of this project, our concept of a House-in-a Bag became well accepted and utilized by other Aboriginal communities, including:

One Arm Point,
Coongana east of Kalgoorlie,
Laverton,
Leanora,
Meekathara

All projects were erected by community workers, creating jobs and developing skills.

JUST SIPS
STRUCTURAL INSULATED PANEL SYSTEMS

Client:	Broome Caravan Park
Location:	Broome, Western Australia
Project:	84 units
Constructed:	1986



Delivered as "Full Kit Home"

Substantial Transport Savings

Features

84 self-contained, 2 bedroom units.

Transport Savings

The units were delivered as *full kit* units. Our packaging method significantly reduced transportation costs. We could pack 2 of our "full kit" units on a single semi-trailer. In contrast, it usually takes two semi-trailers to carry only one conventional unit.

Installation

The builder provided the workers under our supervision for the installation process of the units.

Other Contractors

Concrete slab, civils and fit-outs by contractors.

Result

Our panels were ideally suited to the tropical climate of Broome, in the north west of Australia.

Their thermal qualities help maintain cool interiors.

Their durability has withstood Broome's cyclone seasons.

And their high impact resistance has reduced maintenance costs.

JUST SIPS
STRUCTURAL INSULATED PANEL SYSTEMS

Client:	VDM
Location:	Moorevale Mine Site, Queensland
Project:	320 bed camp
Constructed:	2010

Construction time reduced by over 80%

Designed to be dismountable for re-use

Designed for tropical, cyclone-prone region

Features

Each unit consisted of 4 en suite bedrooms with each bedroom having a sliding door to a verandah.

We supplied all the modular components, from modular metal formwork to top plates.

The units were specifically designed to be dismountable. This enables the units to be reassembled for reuse in a new location if required and allows for regeneration of the land.

Shipping

Goods were manufactured in Perth, Western Australian and railed across the continent to North Queensland.

Construction

Our bespoke modular design saved the builder substantial set-out and erection time.

Our installation training reduced construction time from 120 hours down to 15 hours.

Result

The strong impact resistance of our panels, necessary for this cyclone-prone region, has significantly reduced maintenance costs.

The thermal qualities of our design are ideal for this very hot, tropical climate.

JUST SIPS
STRUCTURAL INSULATED PANEL SYSTEMS

Client:	**Webb & Browne-Neaves**
Location:	Perth metro, Western Australia
Project:	Double storey house
Constructed:	2013

Featured architectural special features

Incorporated bespoke materials

Developed unique internal floor structure

Features

One of the more complex designs, this build involved multi-layered panels.

The individual panels featured bespoke materials, such as different specification foams and boards, which we successfully manufactured specifically for this client.

Our system was able to accommodate the multiple architectural special features, such as large format windows and corner windows.

We also developed a unique internal floor structure for this build.

Construction

The purpose built panels reduced labour and supervision costs.

Result

JustSIPS panels successfully accommodated the unique design and construction features required by the client.

The client considered JustSIPS the best of the panel manufacturers.

JUST SIPS
STRUCTURAL INSULATED PANEL SYSTEMS

Client:	Private builder
Location:	Perth Metro, Western Australia
Project:	Double Storey House
Constructed:	2013

"The finished quality is the stand out feature"

2-panel system

Outstanding thermal and acoustic qualities

Features

Just SIPS were selected for this third floor extension 264 m^2 in a prestigious Perth suburb.

This build used double paneling. This was done to accommodate the existing brick cavity walls. It also doubled the strength of the structure.

Construction

Owing to the efficiency of the JustSIPS building system, disturbances, such as noise pollution, was significantly reduced.

In addition, our efficient building system saw significant savings in labor costs, scaffolding hire and site wastage.

Result

Two panel structure vastly increased both the thermal retention *and* acoustic performance of the house.

The client praised the extraordinary accuracy in matching the brickwork, commenting "The finished quality is the stand out feature."

Our products are used globally

Our products have been used and approved around the world

Australia
Works and Housing Department, Canberra
National Capital Development Commission, Canberra
South Australian Housing Trust
Queensland State Housing Commission
Queensland Rail
Central Queensland mining communities
Department of Housing & Construction, Western Australia
Pilbara mining communities, Western Australia

Thailand
Thai Teachers and retired Police Housing,
Thai National Housing Authority (NHA),
Thai Ministry of Education

India
Indian Military –re-locatable barracks,(Kashmir regiment)
Indian residential housing (5,000/6,000)

Decades of Recognition

2015
"Most Preferred Building System"
International Funders of Humanitarian Housing Projects – 2015

1996
"Number 1 of 148 building systems worldwide"

1986
"Number 1 display product." Over 60,000 signed enquiries in 10 days.
World Expo
New Delhi

1983
"Number 1 display product"
Department of WA Trade-sponsored Expos
Jakarta, Hong Kong, Thailand, and Shanghai