SIPS – Structural Insulated Panels
The Offer

Structural Insulated Panels – SIPS
- Custom made or off the shelf modular kit
  - Wall (external and internal)
  - Floor
  - Roof

Two Options available
Option A: SIPS by Design – custom manufacture

Option B: SIPS Ready Cut – pre-cut, pre-engineered, off the shelf panels. Suits 60% house designs.

Accessory products
- Wall and roof membrane
- Screws
- Joining splines
- Wire cutter for scooping
What is SIPS?

Structural Insulated Panel System

The outer layer is Oriented Strand Board (OSB/3)

The insulated core is Polystyrene (EPS)

Outer facing can be clad in

- Timber
- Colorbond steel
- Fibre cement sheeting
Structural Insulated Panels

Benefits to the builder

Simplicity

- Ease of Design
- Ease of Transport
- Ease of Assembly
- Ease with other systems and materials
Structural Insulated Panels

Benefits to the builder

Speed

- Design
- Ordering
- Quick to site
- Quick to assemble
Benefits to the builder

Savings

• Time taken to build
• Less skilled labour
• Zero waste
• Less site costs
• Reduce Overheads and increased turnover
SIPS Options

The SIPS system is offered in two different ways:

**Option A**
SIPS by design – Custom Manufacture

**Option B:**
SIPS using Ready cut – Standard Panel sizes
Option A:

**SIPS By Design**

Provide your Bunnings Trade Representative with 1:100 scale plans and elevations

Quotation is provided within 10 working days

Engineering drawings required from engineer

3D model sent to client for sign off

Custom manufacture

Delivered flat packed to site ready for construction
Option B:
Designing with SIPS Ready Cut


2) Drag and drop components to build your unique design or adapt to existing plan

3) Provide order list to Bunnings Trade Representative

4) Quotation within 48 hours

5) Place order with confirmed delivery date

SIPS Ready Cut – pre-cut components
SIPS Ready Cut
Panel selection

Box Beam Door and Window Headers
Height: 300mm, 600mm, 900mm
Thickness: 112mm, 142mm
Length: 600mm, 700mm, 800mm, 900mm, 1200mm, 1500mm, 1800mm, 2100mm, 2400mm, 2700mm, 3000mm, 3600mm, 4800mm.

Angled Wall Panels to accommodate Roof
Angles: 7 degrees, 14 degrees
Thickness: 112mm, 142mm
Length: 2400mm, 4800mm

Infill Window Wall Panels
Height: 555mm, 900mm, 1155mm, 1500mm
Thickness: 112mm, 142mm
Length: 300mm, 600mm, 1200mm

Wall Panels
Height: 2400mm, 2700mm, 3000mm
Thickness: 112mm, 142mm
Width: 200mm, 300mm, 450mm, 600mm, 900mm, 1200mm.

Floor and Roof Panels
Width: 1200mm
Thickness: 162mm
Length: 2400mm, 2700mm, 3000mm, 3600mm, 4800mm, 5400mm, 6000mm
SIPS can be used in the following applications:

Walls
- Rendered
- Brick Veneer
- Timber e.g. weatherboard
- Fibre Cement Sheeting
- Any other cladding

Roof
- Steel
- Tiles
Speed of Construction Mon-Fri

Monday AM

Tuesday PM

Thursday PM

Friday PM
Typical Details – Brick Veneer

- Direct Fix Plasterboard
- SIPS Wall Panel
- Breathable Membrane
- Internal Wall
- Electrical Fittings
- Precut Electrical Chase
- Cladding System
- Joining Spline
- SIPS Screws
- Cladding Fixing
- Foundation
- H3 Bottom Plate
- Damp Proof Course
Typical Details – Roof / Wall Combo

- Roofing Battens
- Breathable Roofing Membrane
- SIPS Roof Panel
- Top Plate
- Plasterboard
- Precut Electrical Chase
- Bottom Plate
- Floor Joist
- Ceiling Plasterboard
- Breather Membrane
- Engineered Lintel
- Timber Sub-frame for Windows and doors
- External Render on Cladding System
Technical Support

- Phone Support
  - Bunnings Design Team
  - SIPS Specialists

- On-Site Support
  - Following trade support

- Design & installation literature

- SIPS installation training

www.sipsindustries.com.au
Quotation & Order Process

- Email or drop off building plans to Bunnings Trade Rep
- Select from options - SIPS Ready Cut - SIPS by Design
- Quote will be provided
- A Bunnings Trade Rep will present a quotation for review and approval by customer
- Builder to raise an order on Bunnings Trade with signed approval
- Order goes into production or off-the-shelf
- Delivery of order to site as per agreed date
Quotations

Are we comparing apples with apples?

When comparing competitor quotes please consider;

- SIPS construction requires a lesser range of trades
- Half the time of conventional construction
- Is insulation of the same R rating?
- Other hidden costs such as scaffold and equipment hire and rubbish removal.
Bunnings welcome the opportunity to quote your next job.

Please contact your local Bunnings representative or call 133 062.