



Goldsmith Ave Addition

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Participant information

Evissa P/L
Gareth Owens
420 Victoria Street, Brunswick
Victoria, AU 03056

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Category

Single Family 'Small House' under 900 sq. ft.

Project information

Goldsmith Ave Addition AU
Victoria, AU 3056

Date Completed: December 2018

Dimensions of building (all floors of multi-story building):

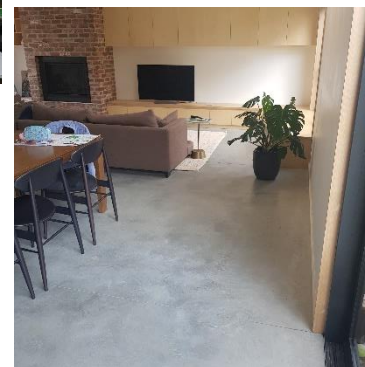
79 sqm ground floor and 57 sqm - first floor building - new addition
delivered with SIPs walls and SIPs roof / Minor interventions to existing house

Total sq. ft. of conditioned space: 136 sqm of new addition

Built By:

Metrozone P/L
Gareth Owens
420 Victoria Street, Brunswick
Victoria, AU 03056

Panels Manufactured By: Dalian Quacent New Building Materials Co. Ltd.



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Designed By (if different than applicant - SIPA will only recognize members)

Evissa P/L - SIPS design only
Elena Cazacu
4 2 0 Victoria Street, Brunswick
Victoria, AU 03056

Total sq. ft. of conditioned space: 136 sqm of new addition

Describe the end use of the building:

Family home - alteration and addition

How did SIP construction help you get this job?

The owner and architect wanted to use SIPs modular technology for their new addition.

SIP wall thickness and core material: 115 mm - EPS core

SIP roof thickness and core material: 165 mm and 215 mm - EPS core

Describe the benefits of using SIPs on this project. Did SIPs help save time, labor, construction costs, or energy?

We have saved time, labour and reduced the construction cost using SIPs. The local star rating energy efficiency report was improved, when comparing with traditional insulated timber frame structure.

Describe any innovative design elements or structural engineering involved:

First SIPs project delivered by Evissa P/L

Please list any certifications the project received, such as ENERGY STAR, LEED, National Green Building Standard, WELL, Passive House, Green Globes or local green building programs. Only list certifications that are completed:

Nationwide House Energy Rating Scheme Certificate

Describe the HVAC system used on the project: Split System

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Describe any other energy-saving materials used in the building envelope other than SIPs. List U-values of windows used and the U or R-value of any insulation materials. (judged only for High Performance Category)

All new windows are double glazed thermally broken aluminium profile with U - 2.9

Please list any energy-efficient products or design features, such as lighting, hot water heating, appliances, passive solar (judged only for High Performance Category):

All light fittings are LED

North facing windows with adequate shading devices for a balanced solar gain.

. Concrete floor used as thermal mass.

Were any solar panels installed on the project? If so, indicate the size of the system (judged only for High Performance Category):

Solar panels will be installed by the owner.

Please list any sustainable materials or design features not listed above, such as recycled materials, low-VOC finishes, landscaping, etc. (judged only for High Performance Category):

Water based seals and paintings low in VOC

Ply wood joinery

Any additional comments on the project: This was the first SIPs project undertaken by Evisa





Exterior finished view

Goldsmith Ave Addition





Construction front view

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Interior great room

Goldsmith Ave Addition



Interior details

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