



Our 'SMART' Homes Modular System explained

Seacove Homes have created a new concept in housing combining innovative design with standard components which are readily available in the building industry.

Our Modular System

Our contemporary designs are based on a modular system which allows for infinite layout variations.

- Each module is 7.0m long by 3.5m wide and can be connected together in various combinations.
- The external walls are attached to the floor systems, with a patented hinge system, and then folded flat for easy transportation on a flat bed truck or similar. There is no need for oversize load pilots or special travel permits.
- The design allows for the modules to be stacked on top of each other and typically four modules can be loaded onto a flat bed truck for delivery to site.

The Materials

Seacove Homes are working in conjunction with major Australian steel manufacturers and the structures use steel and Allgal and Supagal products. All exposed steel can be hot dipped galvanized at an additional cost.

- The external walls are clad with the material of your choice
- The factory installed window and door frames are powder coated aluminum, with a wide range of styles and colours
- The roof is constructed in panels with Colorbond™ roof sheeting and thermal reflective (fibre free) insulation installed. Soffits are lined with FC sheet and Colorbond™ guttering is also provided.
- The structural floor sheeting is particle board with cement board in the shower areas and this is attached to the steel floor system.
- A range of outside covered decks, with hardwood decking installed in the factory, offers additional optional features.

Easy assembly on site

The site should be prepared and set out in accordance with the post set out plan and recommended footing detail. A small all terrain crane is required on site to offload and position the modules ready for erection. (Alternatively a crane truck could be used for delivery and erection.)

- Master module is raised off the truck and the floor support posts are swung down and bolted into place on the floor system.
- The crane manoeuvres the module into position, aligning the posts with the prepared footings, the posts then connect to the footings.
- Sub-modules (including deck modules) are installed in sequence in a similar manner and the floor system bolted together.
- External walls are unfolded, bolted to the floor frame and screwed together. Internal walls are then screwed to external wall frames and floor system.
- Roof panels are lifted into position and bolted on top of the wall frames from the inside. Roof Panels are pre-fabricated, complete with roof sheeting & insulation installed.

The house is now secure & water tight - ready for tightening up and then the finishing trades

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