

Build your home twice as fast as building the traditional way using Hybrid Prefabricated Technology.

Building a new home involves design, preparation of floor plans, sometimes generating 3D modelling and submission to local council to get DA approval. Once the DA approval is obtained the house can be built on site. The architect/designer can overlook the building process from the initial design stage to the lockup stage. In the past, it was required to select a builder to build the home. The construction of the house was difficult and long task as the builder was dependent on the contractors and weather conditions. Often the builders were making mistakes or the work was not accurately done so it had to be redone at extra cost to client. Now, thanks to new technology that is available, the house can be manufactured in half the time with high accuracy and delivered to site for assembly on time. The total cost of the traditional building development was difficult to calculate and usually the final cost was higher than estimated. With prefabricated technology the cost of the building is calculated very accurately and there is no hidden costs. Thanks to Hybrid system, construction cost can be reduced by 50% on construction materials cost reduction, labour and bank interest savings. Typical timeframe to produce modules, and assembly on site was shortened by 10 weeks comparing to the traditional constructions methods.

How does it work?

New technology to build the house is called Hybrid construction in which materials are prefabricated in form of elements and delivered in flat packs and modular format to the building site. The panels can be insulated and come in a standard size. The hybrid system produces minimum waste, minimum labour as there is no need for a variety of carpenters and painters to come on site. Panels can be built from recyclable materials and are completed and painted in a factory. The hybrid system is an innovative way of building which offers some advantages traditional building procedures cannot. Building a house has never been easier!

There are few companies that specialize in such technology: CSR Velocity and MBS (Modular Building System). For more information see their web site:

<https://www.csr.com.au/building-solutions/offsite-and-prefab/csr-velocity-system-reduces-construction-time-by-10-weeks>

<http://mbs.com.au/>

Conclusion.

Thanks to Hybrid Technology it is possible to build house in half time. As the technology is new it is important that architect/designer works closely with Hybrid specialist and provides accurate drawings to ensure the modules are manufactured for precise fit.

Please see below images showing examples of modular construction.

