



Source: <http://www.wikihouse.cc/library/designs/40002>



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WIKIHOUSE

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The purpose of the WikiHouse construction set is that the end structure is ready to be made weathertight using cladding, insulation, damp-proof membranes and windows. WikiHouse is still an experiment in its early stages, and these have not yet been prototyped or developed further. All the information shared on WikiHouse.cc is offered as an open invitation to collaborators and co-developers who are interested in putting open source solutions to these problems in the public domain.

The WikiHouse construction system is based on plywood fins, spaced evenly apart according to the selected gauge of the construction grid. Those fins can vary in size and shape. Once connected together and clad they form a robust timber frame structure. Wikihouse components are categorised into series, according to their width. The widths follow a modular grid of 1200mm (1.2m). WikiHouse uses only one basic material, 18mm structural plywood, in international standard sheets sizes of 2400mm x 1200mm (approx. 8'x4'). Parts are cut from these sheets using a CNC milling machine.

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