

21panels at Alp. Utrecht 2008



21panels



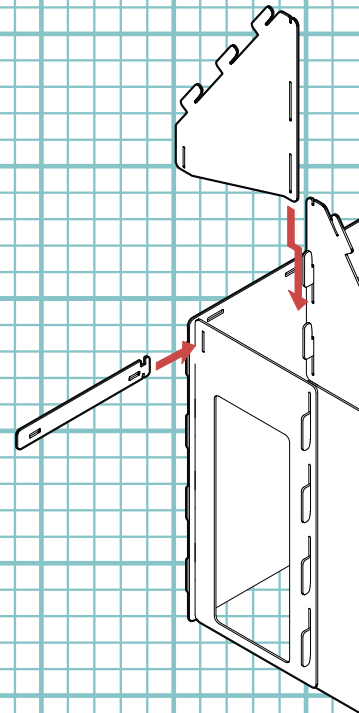
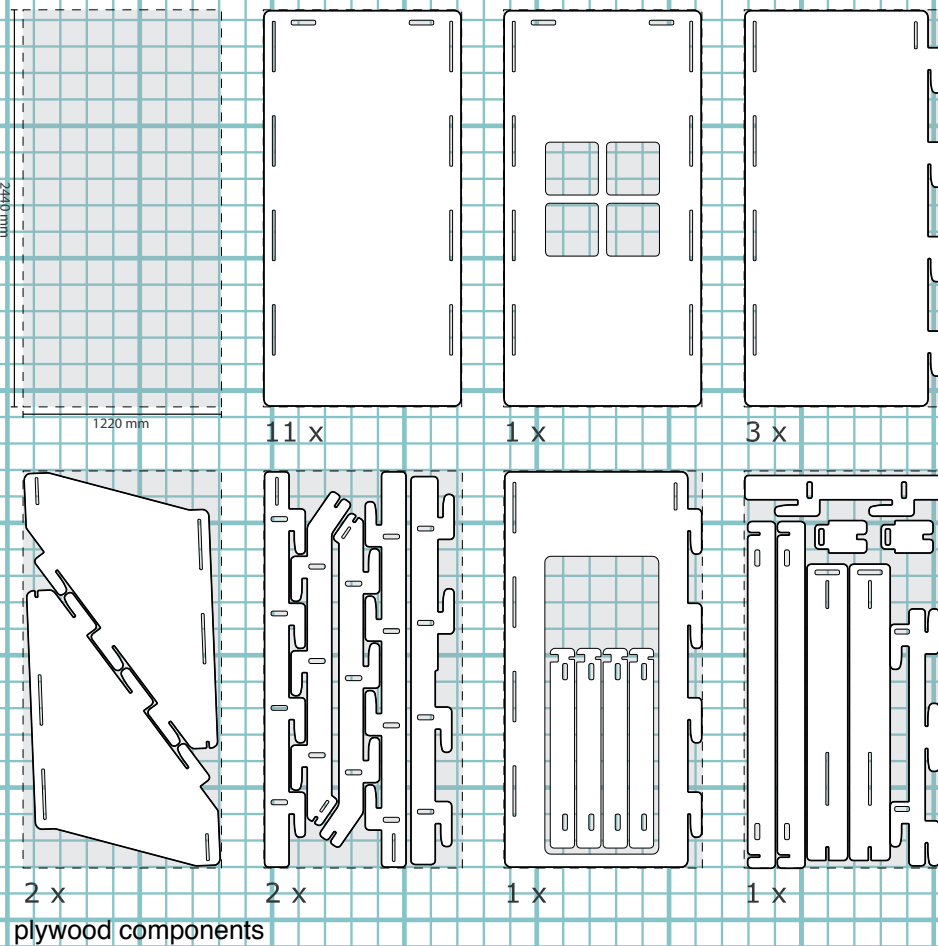
21panels at Delft University

Alp

For the annual Festival a/d Werf FLATarchitects in collaboration with stage designer Theun Mosk created Alp, an installation on the Neude square in the city centre of Utrecht. Quite in the spirit the theme festival, *slow city*, FLATarchitects designed a 14 meters high mountainscape covered with grass. Spread over the landscape are four small huts, connected by footpaths, in which the work of several young artists was displayed. These huts are called 21panels.

21panels

Constructing the grass mountainscape would take a lot of time. Therefore, FLATarchitects developed a time saving prefab system for the huts. They are easy to (dis)assemble and they can be used more than once.



construction plan

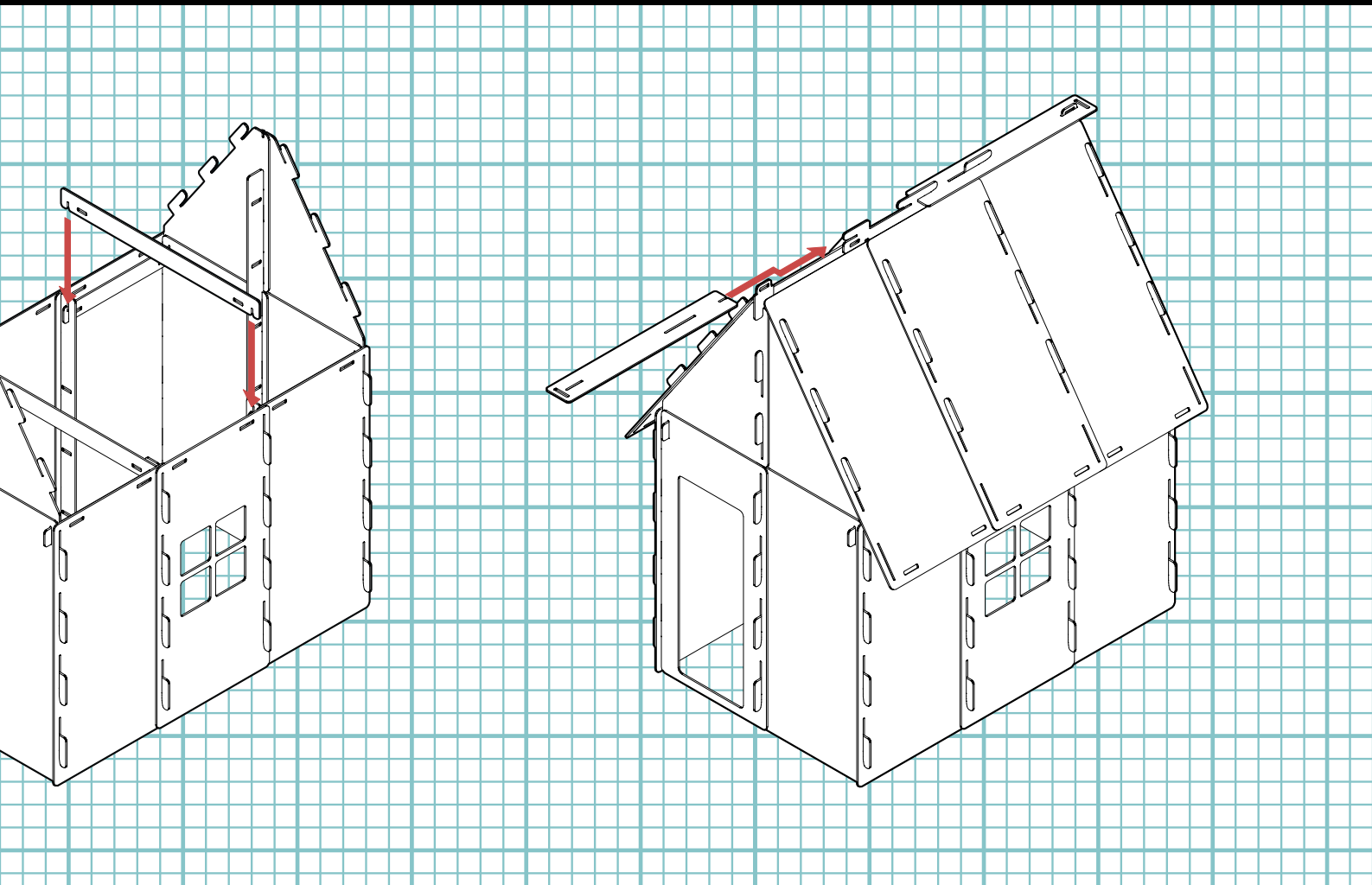
Obviously 21panels is designed after an archetype house with one door and a window. It functions like a 'kit in parts'. The system is based on the simple concept of hooks and slots, which makes pins or screws redundant. The components are to be slid into one another.

The name '21panels' is based on the amount of standard plywood panels (1220 x 2440 mm) needed for one hut. The used material was 15 mm Radiplex, which is produced environment friendly. The wooden components are cut by a cnc milling cutter, keeping the waste material at a minimum. The number of different parts was kept as low as possible, in order to simplify construction as well as production. The roof and wall panels, for instance, are identical. Also, the position of the door and window openings are flexible.

The floor plan measures 2 x 3 meter and the total height is 4 meters. Assembling 21panels takes about thirty minutes. In 2009 the design was adapted for the Arnhem Mode Biënnale.

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21panels in the streets of Arnhem during the Arnhem Mode Biennale 2009.