

A Minimalist Modular-Housing Solution

HOMEFUL SYSTEM BY AIXOPLUC ARCHITECTURES
REUS, SPAIN
PHOTOGRAPHY STUDIO → MODULAR HOME PROTOTYPE



Spanish architecture firm Aixopluc created a sustainable modular system to swiftly turn disused buildings into cost-effective housing. Homeful System was developed as an inhabitable prototype and installed in an abandoned photography studio beneath the firm's workshop. Rather than removing existing structures, the system is formed using a series of modular timber constructions made from poplar plywood—grown and manufactured locally—to provide a low-material impact solution to housing demand. The system can be assembled in a DIY fashion on-site, thus reducing the cost

of labor. In this prototype, the clean aesthetic of the timberwork complements the uncovered hydraulic-cement tiling and patina of age on the building's white brick walls. The original wooden beams were reinforced, the walls insulated, and terrazzo was used for benches, sinks, and the bathroom. A minimalist's delight, the user can alter the soft-toned timber to make it adaptable for broad-spectrum use.

(Opposite) A tiny timber house in the center of the room acts as a cocoon for a bed. (Above) Each piece is small and light enough to be carried through narrow streets and up stairs.