

Hybrid Mass Timber and Passive House

The prefabricated envelope system keeps exact pace with the rapid erection of the timber structure, anchored from the active deck with no need for staging space or scaffolding. This also limits the exposure of the moisture sensitive timber panels.

The factory manufacturing process supports the reliability of the Passive House-rated envelope. Elements which are difficult to install with perfect reliability in the field, such as punched windows and solar shades, are easily installed at scale in a controlled setting.

This reliability, along with the ability of the system to incorporate large areas of thermal isolation, enable an airtight and well insulated building as the basis for passive heating and cooling strategies.

