

Residential / Modular



AQL House, Australia

Peter Dann were commissioned to design a residential house in Australia from light gauge steel. This house consisted of three 22m clear span octagonal pods nested around a central swimming pool.

The structure was achieved using a combination of proprietary and purposely formed light gauge sections which were designed for a clear span of 22m. The connections were formed using plates fixed with high strength pop rivets. The frame was modelled on a solid modelling system to ensure accuracy of manufacture, with the CAD CAM data provided for the automated punching and rolling machines.

All the fabricated steel and fittings including the rivet guns were exported to Australia for the construction.