

Case Study

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Residential Home Jahan Lane, Christchurch

Architect: Fernandes Reg Architects

Engineer: In-house Design

Builder: Spanbild Projects Ltd
with Concision

This architecturally designed, timber clad home is proudly positioned on a hillside section of Canterbury's Port Hills.

The 240m² double-storey house, with detached garage, is built on a mixed pile and concrete foundation. Concision's off-site manufacturing technology and expertise were chosen to turn the architectural plans into a high quality home much faster than a traditional build.

The home's owner Boris De Bouck says "incorporating Concision into our project meant we were living in our beautifully designed and quality finished home three to four months earlier than a traditional hill build."

From the outset, Concision's designers worked closely with the architect and main contractor to accurately model the plans in 3D before generating precise CNC cutting files. Because Concision was involved at the design phase, we were able to optimise the use of prefabricated panels in the home's design and construction and maximise thermal efficiencies.

The home's two levels each feature seven floor panels. There are also 32 wall panels and seven roof panels. In factory panel fabrication took nine days, with on-site installation completed in just three days.

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