



Case Study
Blairgowrie House, VIC

BOXSPAN Floor System

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SPANTEC™



“Why do you want to compromise on the bones of your house. Spantec offer a concrete type feel with the benefits of a raised floor.”

Spantec’s first interaction with Dan Riley was on the Seventeenth season of The Block. The extensions in the series were constructed with Spantec’s full kit flooring system. Upon seeing the ease of construction matched with the final strength of the Spantec floor system, Dan mentioned to his partner Dani (of Manna Made) that he thought they should use the Spantec flooring system in their own house for the upcoming build.

Seeking a change from the pace of inner-city Melbourne, Dan & Dani were drawn to the suburb of Blairgowrie. The peace & quiet, matched with outstanding local beaches brought them to purchase an undeveloped site which would be the perfect spot for their proposed building of a weekend retreat. As the planning and building process started the

initial idea for a weekend retreat was quickly changed to now become their permanent residence.

Being a narrow, sloping block located in a corrosive environment, the lightweight nature of the system that is supplied in a Z450 coating as a standard was a huge benefit. Being located on a sandy block paired with being in a high bush fire attack zone, it was apparent in the very early stages of the planning process that they wanted the expertise of Spantec’s internal design & engineering team. Dan & Dani opted for Spantec’s site specific, fully designed kit system solution. Spantec’s engineers were able to provide the full certification required for the footings, bracing of the structure along with the interstate form 126 that was required.

The Spantec design consisted of a monoplane floor system, the system was designed to support the high loads of their architecturally designed kitchen & the weight incorporated with the stone bench. All aspects of their design were considered, including the requested internal set downs for the wet areas & deck set downs. Spantec’s Ezipier was selected for the floor system support. When using the Ezipier adjustable head Dan & Dani could level as they built & if there is any settlement from the sandy site the pier head can be adjusted post build if required. After a timely installation process & support from both the design and engineering team at Spantec, Dan & Dani were faced with the end result, an award winning house, supported by a strong Spantec foundation.

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