

Project profile...

A modular home built around sustainability and timber floors.

Modular homes, container and prefabricated homes are growing in popularity as a quick, affordable, drop in solution for many homeowners.





They are an ideal sustainable home building solution – utilising best-in-class heating and insulation methods, together with specially curated sustainable building materials. They require good site access and have their own limitations, such as typically small build footprints; but with property prices and interest rates increasing, they represent an opportunity for homeowners to obtain a high quality living solution at an affordable price.

This modular home built in the Victorian northeastern township of Yea is a perfect example of what can happen when the right circumstances combine. Nestled in a valley where the Yea and Goulburn Rivers meet, it sits in a pristine environment surrounded by lush valleys, rolling plains and epic peaks. It is a fully prefabricated modular off-grid living solution offering all the creature comforts of contemporary home design with sustainable living built in.

The home features a compact three-bedroom design spread over 169 square metres, with a further 47 square metres of decking. The home is autonomous on the site, producing its own power with a PV solar array and battery storage, capturing rainwater, and treating and disposing of wastewater with an onsite gravity-fed system, minimising operating costs of the home and adding to the overall environmental sustainability.

Constructed to adhere to BAL 29, the exterior is robust yet reflective of its natural location with the addition of accent timber decking. Inside, Parmate Engineered

Timber Flooring was chosen throughout to complete the design theme, as part of the Ecoliv approach of using the latest building techniques and materials, specifying Australian materials wherever possible.

Kristy from Ecoliv comments that they love Australian timber flooring as "The texture, tone and natural characteristics of Australian hardwood adds warmth to our homes, and the Parmate single strip wide board in Blackbutt was perfect for the Yea project".

Parmate Blackbutt is sourced from the coastal ranges and tablelands of northern New South Wales and southern Queensland, with the plank colour ranging from pale brown to straw blonde with slight pink tinges, with gum veins being a common feature. The single strip wide board is also available in Australian species Spotted Gum and Tasmanian Oak. The top layer of Parmate is 3.5mm solid hardwood, finished with six coats of scratch resistant Bona UV cured polyurethane finish for maximum durability. The middle and bottom layers are plantation grown timber from managed forests that give a total thickness of 14mm.

Ecoliv's clients were delighted with the end result – with the natural timber flooring being a feature of the open spaces throughout the home. The delivered result is something they can delight in living in. 

