



Case Study

# Mangerton



**Product Range:** Bushfire Safe BAL-40 and BAL-FZ

*Every facet of this striking single-level home overlooking the city of Wollongong is designed for stylish and easy living.*

**Awards:** Winner NSW State Award AGWA Design and Industry Awards 2023, and Master Builders Association NSW Southern Region Best Home in the \$1.5M to \$2M

Architect: Southwood Architects  
Builder: Icon Projects  
Designer: Michael Jenkins



*'High energy-efficiency, high bushfire safety and high security is a must.'*



## Challenge

The owners' desired a highly energy-efficient and secure 4-bedroom home that is easy to live in and maintain, with space for family visits.

With heritage-listed indigenous turpentine trees onsite and bushland below, their new home's design and specifications also needed to comply with rigorous fire zone construction regulations. This required BAL-40 and BAL-FZ windows and doors but the client's did not wish to use bushfire shutters.

Another point on the client's wishlist were beautiful, energy-efficient windows they could clean from the inside.

High security of windows and doors was also a must.





## Solution

The house is extremely airtight and quiet through the use of special double glazing, double rebated timber frames and seals.

Tilt & turn windows can be opened sideways like casement windows for easy cleaning from the inside while featuring high energy efficiency, air tightness and security through multi-point locking. The entrance door has hidden multi-point locks with pin-bolts and hook-bolts for added security.

All window and door products, which also include lift-slide sliding doors, are made to cater for the different Bushfire Attack Levels. These products are tested, approved and compliant, and come with compliance certification.

