



Vulcan Timber Joinery



Carefully Crafted Timber



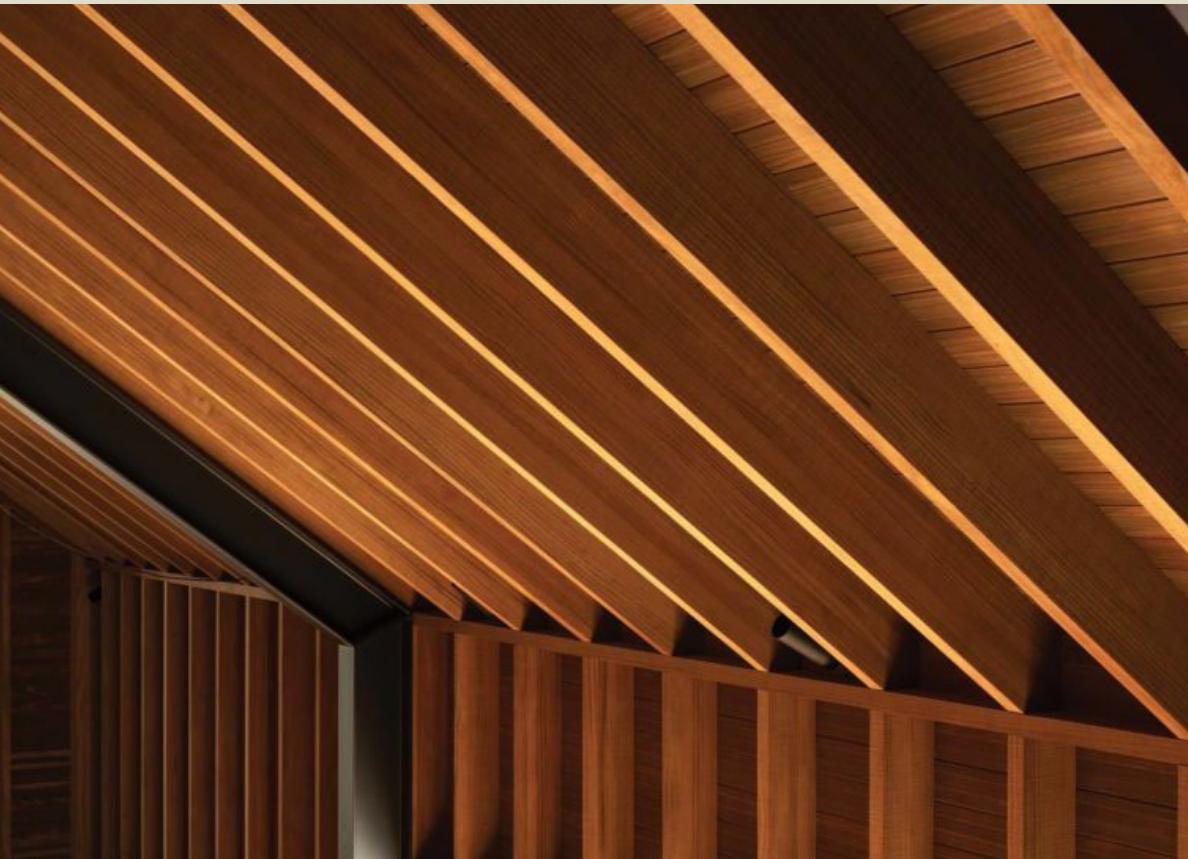
Cardrona Cabin

Set in the heart of Cardrona Valley, in the South Island's harsh alpine climate, the cabin demonstrates the durability, along with the beauty of Abodo timber products and processes.

The interior reflects warmth, texture and heart with a crafted carpentry of exposed timber structure, including window and door joinery in Abodo's thermally modified and rapidly renewable Vulcan timber.

Predominantly manufactured from glue laminated sections, the Vulcan timber product stores a considerable amount of CO<sub>2</sub>e.

Over 9 tonnes of carbon is stored in the Vulcan timber elements alone (for the entire cabin), dramatically offsetting the small amounts of concrete and structural steel used in the building.



**Project details**  
**Design:** Assembly Architects  
**Build:** Dunlop Builders  
**Photography credit:** Simon Devitt





Compact Central City Bungalow

This renovated bungalow uses Abodo products to deliver sustainability and a healthy environment for a young family.

The interiors are warm with a variety of timbers, including Vulcan Panelling used to beautiful effect on the interior ceilings, Vulcan timber for the window reveals and kitchen island, and a Vulcan framed glass pivot door that allows for aural separation for the private areas of the house.



**Project details**  
**Design:** Megan Edwards Architects  
**Build:** LnB Construction  
**Photography credit:** Carme Aguayo Photography





## Modulo

Framing inspiring views is Abodo's Vulcan timber, used in window and door joinery within the custom-made architectural prebuilt Modulo home in Arrowtown.

Vulcan timber has superior thermal performance for energy efficient buildings and is Passive House Institute approved for joinery. Recognised for its stability, light weight, eco-credentials and rich colour, Vulcan timber is increasingly being used by joiners and builders in cool climates.



**Project details**  
Design: Modulo

## Wanaka Passive House

Vulcan timber makes an impact in this masterfully designed passive home, featuring Vulcan timber throughout. Shown here, Vulcan Cladding in a brushed finish contrasts with the Vulcan timber joinery for windows and sliding door.

Vulcan's superior thermal conductivity of  $\sim 0.12 \text{ W/(mK)}$  is a distinct advantage for those designing passive houses and other high-performance buildings, especially in cooler climates.



**Project details**  
Design: Rafe Maclean Architects  
Build: Dunlop Builders



Waikaremoana Visitor Centre

Sustainability credentials were paramount for this Living Building Challenge project. In addition to supplying Vulcan Charred Cladding for the culturally significant large panels at either end of the building, Vulcan timber joinery was also used throughout for windows and doors.



Baldy Carpenter

Fraser, of Glasgow-based The Baldy Carpenter, shares his experience working with Vulcan timber joinery:

"When the business first established its products in timber windows and doors, from the outset we realised we had to use a modified timber. After trying several modified timbers, we felt that Abodo was the best placed product to give us what we were looking for. From its environmental friendliness, through to sustainability and its stability, it is the best material that we feel gives a quality product."





## Eurotech

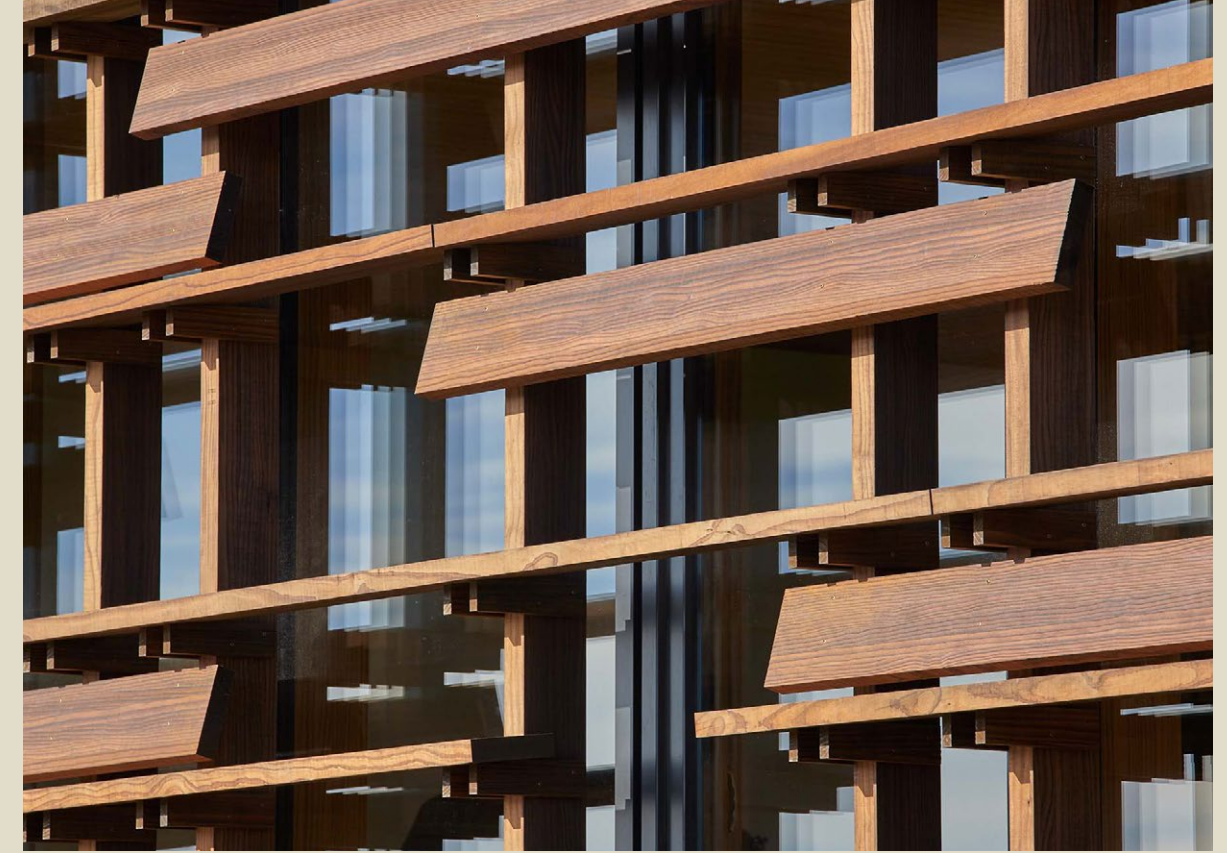
New Zealand-based joiners, Eurotech, have been crafting 'turn and tilt' style joinery in Vulcan for many years. For new homes or retrofits, Vulcan is chosen for its energy and carbon efficiency properties.



## The Dunlop Hub

In an impeccable showcase of craftsmanship, Abodo's Vulcan timber is used extensively throughout the office - including for the interior timber window framing, the ceiling and shelving. Offcuts from the exterior Vulcan rain screen were used to make the shelving brackets.

Vulcan has also been used for custom-built furnishings including the boardroom table base, coat hooks, seating, and the hand-crafted light which reflects the silhouette of the surrounding mountain ranges - these touches were all added by Dunlop's own skilled team of craftspeople.



### Project details

**Design:** Pac Studio

**Build:** Dunlop Builders

**Photography credit:** Dunlop Builders



