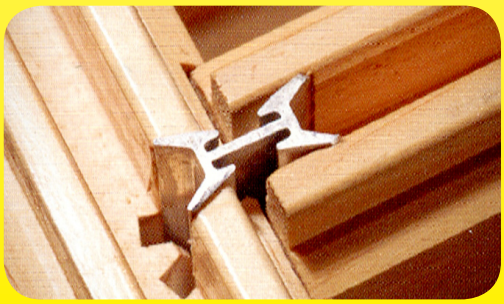
Stand strong.

Fact: There's no other house on the market that's as strong as a Lockwood.

The fundamental strengths of a Lockwood are unique. That's because Lockwood walls are locked together, not just nailed together.

Our intricately engineered aluminium profiles slot into the machined corners of laminated pine, locking the wood into position. This patented system, combined with the use of vertical tie rods in the walls, has proven resistant to earthquakes and cyclones all over the world.



What conditions can a Lockwood handle?

Lockwood homes have endured rigorous testing to provide the ultimate earthquake and wind resistance. We've subjected a standard Lockwood to 22 simulated quakes up to 7.0 on the Richter scale, over six gruelling weeks of laboratory testing. The home came through completely undamaged. Even glass remained intact and windows opened freely.

LOCKWOOD

solid, secure, natural

In recent years, with natural disasters and extreme weather conditions becoming frighteningly frequent, Lockwood homes have been put to the test time after time. And time after time, while other houses have been flattened, severely damaged or have literally vanished, Lockwood homes have stood strong and remained intact.

- Lockwood homes endured the recent Christchurch earthquake with staunch determination. An estimated 6000 homes were damaged by the 7.1 quake, while their neighbouring Lockwoods stood strong.
- Lockwood homes withstood Cyclone Pat, which caused damage to 60% of homes in Rarotonga in February, with many flattened and others that disappeared entirely.
- When Inglewood was hit by a tornado, the Wilson family's Lockwood remained intact while homes only 100m away lost roofs, windows and walls.
- Lockwood homes even reduce the severity of house fires. Unlike steel, which can melt and collapse in a fire, Lockwood homes are fire-resistant with a low burn-rate. They can often be sanded and re-used afterwards.
- The outside walls are so strong, they can withstand over 12 tonnes of pressure from wind, earthquake or whatever nature throws at them.

During Cyclone Pat in February 2010, much of the island of Aitutaki in the Cook Islands was completely demolished.

> *"It was a great relief to arrive on our land to find our Lockwood home standing tall. Thank you Lockwood for supplying a home that stood up to all cyclone Pat could throw at us!"*

Proud and happy Lockwood owners Roy and Tere Tossell of Aitutaki

For complete peace of mind, experts recommend building with Lockwood. Not only do they have an almost 60 year track record, they meet all safety and security requirements without compromising on looks.

Only Lockwood builds earthquake resistant homes that are also eco-friendly and healthy for the people who live in them.

Lockwood is no.1 in strength

Keep your family safe during:

- ✔ **Earthquakes (up to at least 7.0 on the Richter scale)**
- ✔ **Cyclones and high-winds**
- ✔ **Fires**

What makes a Lockwood so solid?

- **Lockwood's patented locking system.**
- **High strength to weight ratio.**
- **Use of vertical tie-rods.**
- **Continuous load paths. Critical for withstanding earthquakes, they tie the structural frame of the house together.**
- **Wall panels on both axes for bracing rather than excessive glazing.**
- **Our designers and builders always take site conditions into account, making sure you have the strongest foundations for the slope and soil type.**
- **The roof angles are designed to prevent excessive wind uplift.**
- **Lockwood experts have engineered each and every plan for maximum strength.**

Tips to building stronger

Lockwood builders take extra precautions to ensure your new home is constructed to withstand serious conditions and last for generations.

Whether you are building with Lockwood, or someone else, follow these tips for added strength.

-When you choose a section to build on, check it's not in a seismic zone.

-Work with a suitably qualified builder.

-Make sure your house is secured to a strong and secure foundation suitable to the site and the building.

-Ensure your fixings and tie-downs meet current codes and regulations.

LOCKWOOD

solid, secure, natural