



# Fairview Thermal



*Making you feel*  
**warm inside**

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**It's not just how it looks on the outside, it's what's on the inside that counts. It's that hard-to-describe sensation of comfort and wellbeing when you walk into a room that feels 'just right'.**

We know there's nothing quite like the feeling of coming home to a warm, dry home on a bitterly cold, winter's day. Which is why we developed Fairview Thermal - custom-built for New Zealand's harshest winds, iciest mornings and chilliest nights.

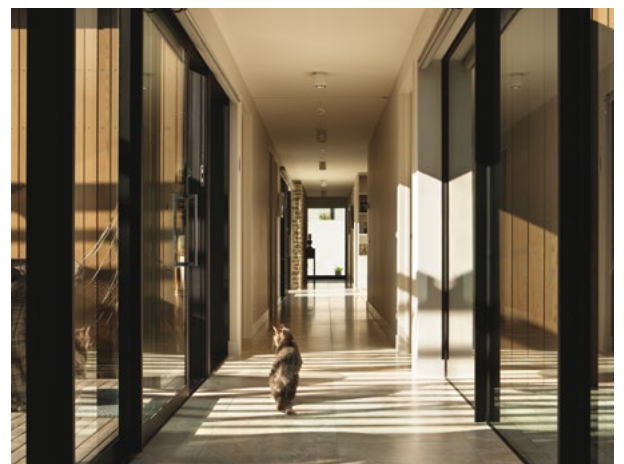
The secret is in the clever design feature called 'thermal break' technology. Which means you can enjoy the comforts of a drier, warmer home in winter, reduced heat in summer, and lower heating and cooling bills throughout the year.

Our thermal windows and doors are able to withstand the harshest weather conditions, but flexible enough to accommodate larger panels of glass for uninterrupted views.

And where smaller openings are required, Fairview Thermal blends perfectly with our Architectural range, so no matter the size of the window or door, you'll get a consistent look throughout your home.

## Overview

- *A warmer, more energy-efficient home*
- *Reduced condensation for a drier, healthier home*
- *Double and triple-glazed options provide increased comfort and sound control in all climates*
- *Able to hold larger panels of glass for uninterrupted views*
- *Built to withstand New Zealand's harshest weather conditions*
- *Blends perfectly with Fairview Architectural for maximum design options*
- *TIMBERCLAD™ and dual colour finishes, only available with Fairview Thermal*

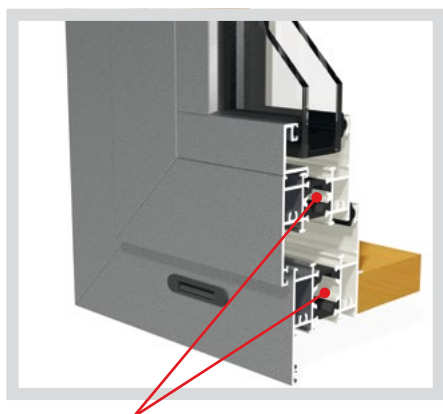




## What is 'thermal break' technology?

Our 'thermal break' technology is a clever design feature that ensures the aluminium is more robust to changes in temperature.

With up to 73% improvement in thermal efficiency, you can enjoy the benefits of a drier, warmer home in winter, reduced heat in summer, and outstanding sound-proofing all year-round.



The 'thermal break' is made from polimide which reduces the transference of cold or heat through the frame.



These thermal models show the same outside air temperature but a noticeable difference in the frame temperature on the inside.

## Energy efficiency

Thermally improved windows and doors provide the best energy efficiency for your home. When combined with high performance glass solutions, the benefits are even greater.

Thermal efficiency of windows and doors is measured by R-value. This is the thermal resistance of the total window system (including glass, thermal spacer and joinery). The higher the R-value, the less heat is lost through the system, and the better the insulation.

Depending on the size of the unit, Fairview Thermal products achieve optimum R-value results, providing the best thermal performance for your home. Which means a level of year-round comfort that you'll love coming home to.

Your Fairview manufacturer can show you exactly what R-value rating each of your windows and doors (and the combined value across your whole house), can achieve. Your windows and doors may even be ENERGY STAR qualified. Just ask us how.



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## Product performance

Custom built for New Zealand's harshest weather conditions and with a performance rating in excess of New Zealand Standards, one thing's for sure; when it comes to quality, we're putting heat on the competition.

→ Tested in accordance with NZS4211:2008 and AS2047.

→ Tested in an international accredited laboratory.

<b>Maximum door sizes</b>	Sliding panels up to 2400mm (h)
	Bi-fold panels up to 2100mm (h)
	Hinged panels up to 2300mm (h)
<b>Glazing capacity</b>	Takes up to triple glazing (18 - 30mm)
<b>Thermal performance</b>	Up to 73% thermal improvement compared to standard non-thermally broken joinery
<b>WEERS rating</b>	Up to 5.5 stars

Note: All sizes are typical rather than definitive. Please talk to your local Fairview manufacturer for specific details for your project.

## Glass choices

Choosing the right glass for your windows and doors is as important as choosing the frames. The right glass can maximise light, reduce heat loss, provide sound protection or minimise fading of your furnishings.

If you're looking for increased energy efficiency and an even more comfortable living environment, adding Low E high performance glass and argon gas to your double or triple-glazed unit provides even better results.

Our friendly Fairview experts can help you decide which glass solutions will work best for your home.

## Product range consisting of:

- Fixed, awning and casement windows
- Bi-fold windows
- Sliding windows
- Hinged doors
- Bi-fold doors
- Sliding and stacking doors

**For ideas, advice and further information about our windows and doors, give us a call.**

**Your local manufacturer:**

## Hardware

Whether you're after subtle curves, clean minimalist lines or a strong feature, Fairview has the perfect finishing touch. Our Stella and Alba ranges of contemporary aluminium window and door handles can be colour-matched to your joinery. Or make a bold statement with the stunning Verta range of hardware, made of solid, 316 marine-grade stainless steel.

## Finishing touches

You can be as creative as your heart desires. Choose from our huge range of standard powder coat colours, plus many additional special colours and finishes. Or be daring with our dual colour option, where you can split the colour and finish on either side.

Our powder coatings are warranted for 15 years for residential applications\*, making them the longest warranted powder coatings on the market.

\*Speak to your Fairview manufacturer for more information about dual colour options, colour and film integrity and our warranties.



## TIMBERCLAD™

Our TIMBERCLAD range is the only thermally-improved composite product available. With TIMBERCLAD, you can enjoy the timeless beauty of real timber inside your home combined with the strength and durability of aluminium on the outside.



[fairviewwindows.co.nz](http://fairviewwindows.co.nz)