

Introducing our Low-E Glass Range



- Extra clear soft coat Low E glass.
- Offers superior heat retention, keeping the warmth in and the cold out.
- High visible light transmission, maintaining natural light levels.
- Reduces solar gain and fading damage through the window glass.

- Its extra clear nature makes it an excellent choice for homeowners who want to maximize natural light without compromising on thermal performance.



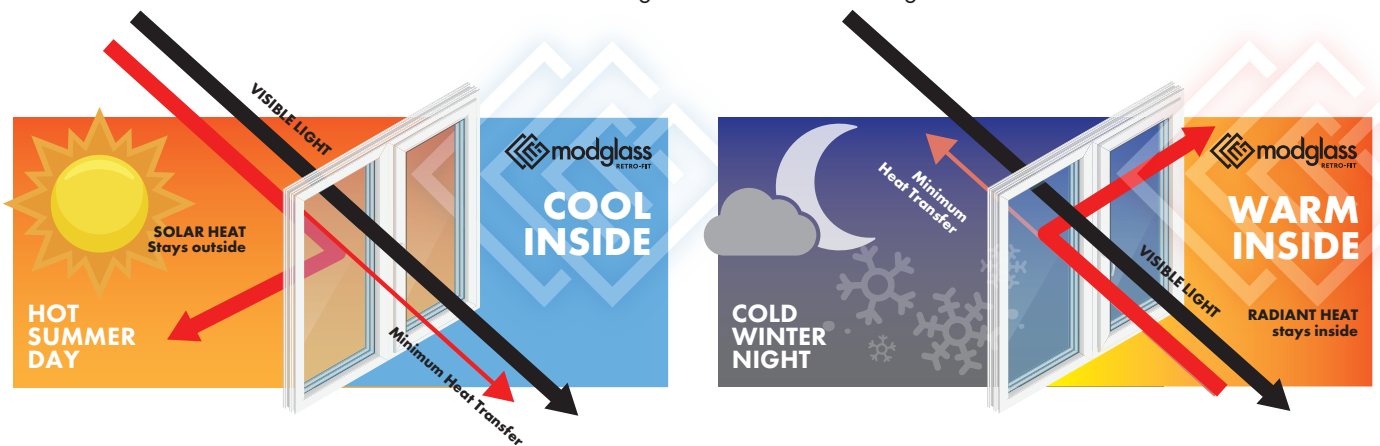
- High-performance soft coat Low E glass.
- Provides excellent heat retention and reduction in solar gain.
- Maintains high levels of natural light transmission.

- Offers a greater reduction in fading damage through the window glass.
- Its high-performance characteristics make it an ideal choice for homeowners seeking top-tier thermal and solar control properties.



- Grey tone soft coat Low E glass.
- Provides excellent heat retention, keeping the warmth in and the cold out.
- Reduces solar gain, keeping your home cool and comfortable in hot weather.
- Offers a significant reduction in fading

- damage through the window glass.
- Its unique grey tone provides a stylish aesthetic, making it a great choice for homeowners looking to enhance both the performance and appearance of their windows.



The Low E range offers a variety of benefits designed to enhance the comfort and efficiency of your home. Each product in the range, from the entry-level Max to the high-performance Xcel and stylish SunX Grey, is engineered to improve heat retention, keeping your home warm in winter and cool in summer. The range also prioritizes natural light, with high visible light transmission levels that keep your home well-lit and inviting.

What is Low-E?

Low E, or Low Emissivity, glass is a type of energy-efficient glass designed to prevent heat from escaping through your windows to the cold outdoors.

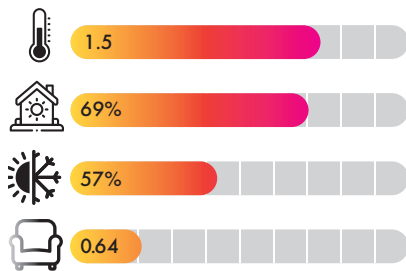
It has an invisible, microscopically thin coating of metal oxide on one of its internal surfaces. This coating allows light from the sun to enter the home while reducing the amount of heat that can escape. In essence, Low E glass provides superior insulation by reflecting heat back into your home during winter and reflecting heat away from your home during summer. This results in a more comfortable, energy-efficient home with reduced heating and cooling costs.

KEY BENEFITS:

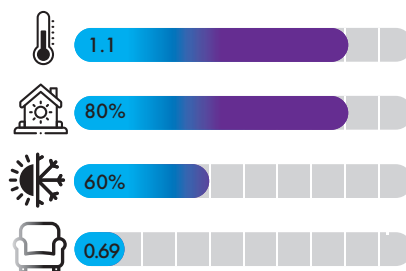
- **ENERGY EFFICIENCY:** Reduces energy use for heating and cooling, contributing to lower energy bills.
- **COMFORT ENHANCEMENT:** Improves insulation, maintaining stable indoor temperatures for increased comfort.
- **GLARE CONTROL:** Minimizes excessive light, reducing glare and protecting furnishings from fading.
- **NOISE REDUCTION:** Decreases outside noise for a quieter indoor environment.
- **IMPROVED PROPERTY VALUE:** Enhances the value of your property by improving energy efficiency and aesthetic appeal.
- **CONDENSATION REDUCTION:** Helps to reduce condensation build-up on windows, contributing to a healthier and more comfortable indoor environment.
- **UV PROTECTION:** Blocks a significant amount of harmful UV rays, protecting your skin and preventing furniture from fading.
- **ENVIRONMENTALLY FRIENDLY:** By improving energy efficiency, Low E glass contributes to a more sustainable environment.



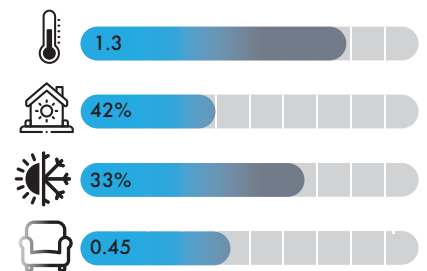
Entry level soft coat, Low-E, argon gas, thermal spacer



Extra clear soft coat Low-E argon gas, thermal spacer



Grey tone soft coat. Low-E argon gas, thermal spacer



HEAT RETENTION: Effectiveness in preserving warmth and blocking cold, measured by the Ug value. A lower Ug value (with a 14mm spacer) signifies superior thermal insulation.

VISIBLE LIGHT TRANSMISSION: Ability to maintain indoor natural light levels, measured by the VLT percentage. A higher percentage equates to more daylight transmitted.

SOLAR GAIN REDUCTION: Efficiency in keeping the home cool during hot weather, measured by the solar factor. A lower solar factor results in less solar heat transmitted.

FADING REDUCTION: Capability to minimize sunlight-induced fading damage, measured by the Tdw-ISO value. A lower Tdw-ISO value indicates a greater reduction in fading damage.

MODGLASS units are manufactured in New Zealand for New Zealand conditions and are regularly tested by BRANZ, compliant to EN 1279.