

LOW-E

Triple Glazing

For the ultimate glass experience, triple glazing is the latest trend in glass technology in New Zealand. Triple glazed units are designed to provide optimal thermal performance and will revolutionise the way you live in your home.

Increased Comfort

The EverWarm™ and SolarControl™ range can be more than three times more energy efficient than standard triple glazed units, providing the most thermally efficient residential window and door systems currently available in New Zealand.

Embrace The Daylight

The high Visible Light Transmission (see VLT below) of EverWarm™ allows you to bask in the natural sunlight streaming through your windows, creating a warm and inviting ambiance that connects you with nature throughout the day.

Optimal Sunlight Regulation

SolarControl™ offers a range of options to effectively manage the heat generated from the sun. By minimising Solar Heat Gain (see SHGC below), it will help balance your indoor environment and reduce the reliance on air conditioning during warmer months.

Product Range and Performance:

Glazing Solutions	Overall Thickness (mm)	U-Value (w/m²K)	Light Transmission (VLT)	Solar Heat Gain (SHGC)	Shading Coefficient (SC)	Visible Light Reflectance Out	Visible Light Reflectance In	Tdw-ISO (Fading)
PermaTech™ Double Glazing	24	1.0	73%	0.35	0.40	13%	14%	53%
Standard Clear Triple Glazing Clear Glass / Clear Glass/ Clear Glass	44	1.9	76%	0.70	0.80	21%	21%	67%
EverWarm™ - Internal Energy Retention								
EverWarm Ultra™ LightBridge 1.1™ / Clear Glass / LightBridge 1.1™	44	0.6	68%	0.44	0.50	21%	21%	53%
EverWarm Standard™ Clear Glass / Clear Glass / LightBridge 1.1™	44	0.9	72%	0.51	0.59	21%	21%	59%
SolarControl™ - Solar Heat Control								
SolarControl Ultra™ PermaTech™ / PermaTech™ / Clear Glass	44	0.5	61%	0.27	0.31	17%	19%	39%
SolarControl Advanced™ PermaTech™ / Clear Glass / LightBridge™	44	0.5	64%	0.31	0.35	18%	21%	44%
SolarControl Standard™ PermaTech™ / Clear Glass / Clear Glass	44	0.8	67%	0.32	0.37	18%	20%	48%

The assembly of this product is protected. A thermal assessment should be conducted for all of the above combinations where Low-E glass has been specified. Please contact your local Viridian Glass branch to do this. All products listed above contain 4mm glass / 16mm argon gas with thermal spacer / 4mm glass / 16mm argon gas with thermal spacer / 4mm glass. PermaTech™ Double Glazing is comprised of 4mm PermaTech™ / 16mm argon gas with thermal spacer / 4mm glass

All performance data is determined using LBL window software. U Value to EN673 and other values to NFRC 100 - 2010 conditions have been used. Glass surfaces are counted from the exterior to the interior of the building.

For more information visit
viridianglass.co.nz
 or contact **0800 847 434**



Product Benefits:



- Superior insulation with the inclusion of soft coat Low-E coatings
- The ultimate home environment that balances daylight and solar control.
- A range of options available to meet performance and aesthetic requirements



- Can be customised to support design requirements
- Maximum size: 3500mm x 2300mm



- Manufactured in New Zealand



- Ten year warranty from date of manufacture