

# LumaTherm

without compromise ...

While other glass types require you to sacrifice window size and therefore natural light to achieve specific energy requirements, LumaTherm units address this issue with minimal compromise.

In addition to offering excellent insulation qualities, LumaTherm represents the perfect balance between high light transmittance and reduced heat gain to your home's interior ensuring year-round comfort and energy savings.



**LumaTherm is a range of Low E coated, double glazed units** specifically designed to provide the perfect balance between light and energy efficiency.



## NATURAL LIGHT

Provides a great source of natural sunlight which enhances mood and illuminates spaces within the home.



## REDUCED HEAT GAIN

Reduces the amount of heat entering the interior resulting in a more comfortable home in summer and more efficient use of on air conditioning.



## INSULATION

Low E coating effectively insulates against heat loss (to outside) resulting in a more liveable home in winter and more efficient use of heating.



## COMFORT

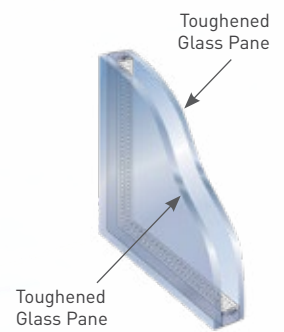
Helps contribute to improving occupant comfort and overall liveability of the home.

## LumaTherm Range: Clear, Grey, Satin

LumaTherm double glazed units have been developed so you can enjoy expansive openings and generous amounts of natural light while providing superior energy efficient performance.

The range includes Clear, for maximum daylight transmission and Grey for exposed and west facing elevations where combating the effects of the harsh afternoon sun and unwanted glare is a concern.

For your privacy particularly in bathroom areas, LumaTherm Satin is recommended.

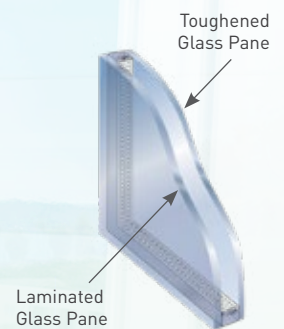


## LumaTherm PLUS Range: Clear, Light Grey, Grey, Translucent

LumaTherm Plus incorporates an outer pane of laminated glass into the make-up of the double glazed unit. In addition to the features of the base LumaTherm products, the LumaTherm Plus range extend the following benefits:

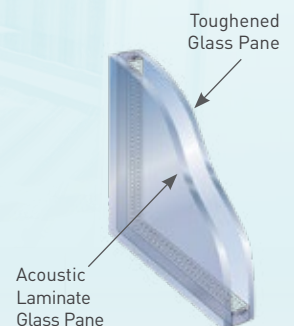
- Improved safety & security
- Improved noise control
- Better fade protection

LumaTherm is available in clear where maximum light entry is desired and light grey or grey which is ideal for exposed or west facing windows. These choices are also available with privacy options.



## LumaTherm ULTRA Range: Clear, Light Grey, Grey

The inclusion of a special 'acoustic' interlayer into the outer laminate pane identifies Lumatherm Ultra as the optimal product within the range delivering the highest levels of noise (acoustics).



## Make a smart choice

and select **LumaTherm** for your new home ...



### REDUCED NOISE

The interlayer within laminated glass provides superior sound insulation by dampening noise from traffic, aircraft and music.



### ENHANCED SAFETY

Protection against injury if broken by human impact.



### IMPROVED SECURITY

Protection against easy break and enter while also inhibiting intruder entry.



### REDUCED FADING

Significantly reduces fading of internal furnishings and floor coverings by absorbing up to 99% of damaging UV radiation. [ Applicable to Plus & Ultra units only ]

# LumaTherm

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LUMATHERM PRODUCT	PERFORMANCE CHARACTERISTICS							
	LIGHT TRANSMITTANCE	SOLAR HEAT ELIMINATION	INSULATION	COMFORT	NOISE CONTROL	SECURITY	FADE CONTROL	PRIVACY
LumaTherm Clear	80%	44%	★ ★ ★	★	★	★	★	N/A
LumaTherm Grey	50%	61%	★ ★ ★	★ ★	★	★	★ ★	N/A
LumaTherm Satin	80%	44%	★ ★ ★	★ ★	★	★	★	YES
<b>Plus Range</b>								
LumaTherm Plus Clear	80%	47%	★ ★ ★	★	★ ★	★ ★	★ ★ ★	N/A
LumaTherm Plus Light Grey	54%	60%	★ ★ ★	★ ★	★ ★	★ ★	★ ★ ★	N/A
LumaTherm Plus Grey	38%	67%	★ ★ ★	★ ★ ★	★ ★	★ ★	★ ★ ★	N/A
LumaTherm Plus Translucent	61%	56%	★ ★ ★	★ ★	★ ★	★ ★	★ ★ ★	YES
LumaTherm Plus Light Grey Translucent	39%	67%	★ ★ ★	★ ★ ★	★ ★	★ ★	★ ★ ★	YES
LumaTherm Plus Grey Translucent	28%	73%	★ ★ ★	★ ★ ★	★ ★	★ ★	★ ★ ★	YES
<b>Ultra Range</b>								
LumaTherm Ultra Clear	80%	47%	★ ★ ★	★	★ ★ ★	★ ★ ★	★ ★ ★	N/A
LumaTherm Ultra Light Grey	52%	60%	★ ★ ★	★ ★	★ ★ ★	★ ★ ★	★ ★ ★	N/A
LumaTherm Ultra Grey	37%	67%	★ ★ ★	★ ★ ★	★ ★ ★	★ ★ ★	★ ★ ★	N/A

**LEGEND** ★ Full Star ☆ Half Star

These figures are based on NFRC methodology using LBNL Window 7.6 software. This performance data is centre of glass only and therefore cannot be used for BCA Section J calculations. To the best of our knowledge, the data presented in this table is accurate and true. However, the G.James Group of Companies disclaim any liability for loss or damage arising from the use of such data.



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Quality  
ISO 9001  
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