



# Insulglass

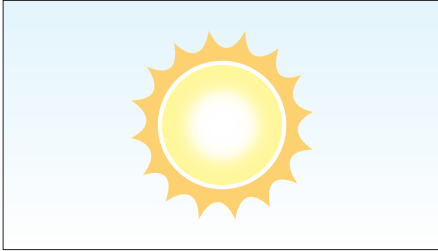
LowE Advance®

An Australian Glass Group Product



Excellent performance  
to advance both  
Solar Control and Insulation,  
without compromising  
Visible Light

## Visible Light



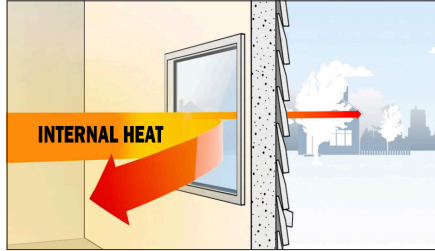
**71%** Visible Light Transmittance  
**85%** blockage of Ultra Violet rays

 **High Light-to-Solar Gain ratio**  
- advanced Solar Control but also Clear

 **High Visible Light**  
- Clear look and natural light filling your space

 **Reduce Fading**  
- reduce harmful fading factors of Ultra Violet rays (UV)


## Insulation



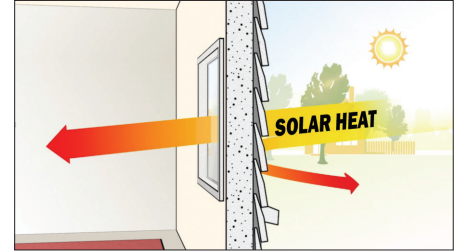
**78%** better Insulation than standard single glaze\*  
**52%** better Insulation than standard double glaze\*

 **Power Savings**  
- significantly reduced heating energy costs

 **Less Internal Condensation**  
- virtually eliminate internal dripping windows

 **Advanced Insulation**  
- keep the warmth of your home in while keeping the cold out

## Solar Control



**58%** better Solar Control than standard single glaze\*  
**53%** better Solar Control than standard double glaze\*

 **Power Savings**  
- significantly reduced cooling energy costs

 **Solar Control**  
- advanced reduction of heat entering inside

\*Note: Data using centre of glass performance in NFRC standards and using 6mm clear float single glaze, 6/12/6 clear float double glazed unit with air gap and 6/12/6 Insulglass LowE Advance® double glazed unit with argon gas and coating to surface #2.

## Insulglass LowE Advance® Performance Data

Double Glazed Units (DGU)	Colour	Visible Light VLT	Insulation U-Value	Solar Control SHGC	Selectivity LSG
<b>Insulglass LowE Advance - Clear</b>					
6mm LowE Advance / 12mm argon / 4mm Clear	Clear	72	1.3	0.35	2.06
6mm LowE Advance / 12mm argon / 5mm Clear	Clear	71	1.3	0.35	2.03
6mm LowE Advance / 12mm argon / 6mm Clear	Clear	71	1.3	0.35	2.03
8mm LowE Advance / 12mm argon / 8mm Clear	Clear	70	1.3	0.34	2.06
<b>Insulglass LowE Advance - Grey</b>					
4mm Grey / 12mm argon / 6mm LowE Advance	Grey	45	1.3	0.31	1.45
5mm Grey / 12mm argon / 6mm LowE Advance	Grey	40	1.3	0.29	1.38
6mm Grey / 12mm argon / 6mm LowE Advance	Grey	35	1.3	0.26	1.35
8mm Grey / 12mm argon / 8mm LowE Advance	Grey	27	1.3	0.22	1.23
<b>Insulglass LowE Advance - Green</b>					
5mm Green / 12mm argon / 6mm LowE Advance	Green	61	1.3	0.34	1.79
6mm Green / 12mm argon / 6mm LowE Advance	Green	58	1.3	0.32	1.81

Note: Data using centre of glass performance in NFRC standards with argon gas and coating to surface #2 for the Clear options and surface #3 for the Grey/Green options.  
LSG = Light to Solar Gain ratio which is VLT divided by SHGC.

Proudly manufactured, stocked and supported in Australia by Australian Glass Group®

Australian Glass Group offers a full customised range with your Insulglass LowE Advance®

- Warm Edge spacer for further Thermal performance
- Tempershield® toughened options for strength and Grade A safety
- Obscure Pattern and Acid Etch for privacy
- Laminated for security and Grade A safety – available in:
  - Standard laminate
  - White translucent laminate for privacy
  - Audioshield® acoustic laminate for superior sound performance



**Australian Glass Group®**

agg.com.au | info@agg.com.au  
ph: 1300 768 024 NSW | VIC | TAS