

Insulglass

LowE Advance®

An Australian Glass Group Product



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



Visible Light



69% Visible Light Transmittance

74% blockage of Ultra Violet rays



High Light-to-Solar Gain ratio

- advanced Solar Control but also Clear



High Visible Light

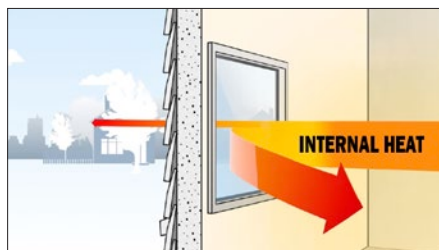
- Clear look and natural light filling your space



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



61% better Solar Control than standard single glaze*

54% 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
Insulglass LowE Advance - Clear					
6mm Clear / 12mm argon / 4mm Clear	Clear	70	1.3	0.34	2.06
6mm Clear / 12mm argon / 5mm Clear	Clear	70	1.3	0.34	2.06
6mm Clear / 12mm argon / 6mm Clear	Clear	69	1.3	0.34	2.03
8mm Clear / 12mm argon / 8mm Clear	Clear	68	1.3	0.34	2.00
Insulglass LowE Advance - Clear Laminate					
6mm LowE Advance / 12mm argon / 6.38mm Clear Lam	Clear	69	1.3	0.34	2.03
8mm LowE Advance / 12mm argon / 8.38mm Clear Lam	Clear	38	1.3	0.34	1.12
Insulglass LowE Advance - Grey					
4mm Grey / 12mm argon / 6mm LowE Advance	Grey	43	1.3	0.30	1.43
5mm Grey / 12mm argon / 6mm LowE Advance	Grey	39	1.3	0.28	1.39
6mm Grey / 12mm argon / 6mm LowE Advance	Grey	34	1.3	0.26	1.31
8mm Grey / 12mm argon / 8mm LowE Advance	Grey	26	1.3	0.22	1.18

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



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