

# Insulglass

LowE Max<sup>®</sup>

An Australian Glass Group Product



Superior performance  
to maximise both  
Solar Control and Insulation,  
without compromising  
Visible Light





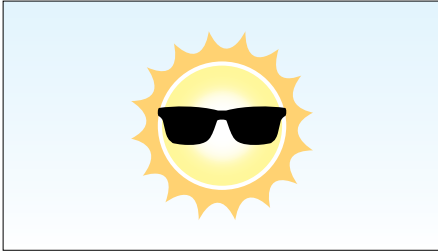
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LowE Max®

Insulglass LowE Max® is a sputter coat Low Emissivity glass (LowE). Also known as "softcoat", this evolution of technology and innovation sees atomic layers of silver and metal oxides provide superior performance as well as no risk of visible haze that other coatings can have. See our website for our full range of softcoat LowE's.

## Visible Light



66% Visible Light Transmittance

94% blockage of Ultra Violet rays



### High Light-to-Solar Gain ratio

- superior Solar Control without being dark



### Reduce Glare

- control visible light with a neutral tone



### 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

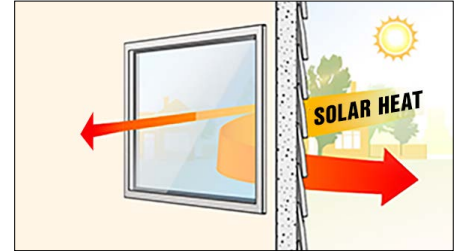
- virtually eliminate internal dripping windows



### Superior Insulation

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

## Solar Control



68% better Solar Control than standard single glaze\*

64% better Solar Control than standard double glaze\*



### Power Savings

- significantly reduced cooling energy costs



### Solar Control

- superior 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 Max® double glazed unit with argon gas and coating to surface #2.

## Insulglass LowE Max® Performance Data

Double Glazed Units (DGU)	Colour	Visible Light VLT	Insulation U-Value	Solar Control SHGC	Selectivity LSG
<b>Insulglass LowE Max - Clear</b>					
6mm LowE Max / 12mm argon / 6mm Clear	Neutral	66	1.3	0.27	2.44
8mm LowE Max / 12mm argon / 8mm Clear	Neutral	65	1.3	0.27	2.41
<b>Insulglass LowE Max - Low Iron</b>					
6mm LowE Max / 12mm argon / 6mm Low Iron	Neutral	68	1.3	0.27	2.52
8mm LowE Max / 12mm argon / 8mm Low Iron	Neutral	67	1.3	0.27	2.48
<b>Insulglass LowE Max - Grey</b>					
6mm Grey / 12mm argon / 6mm LowE Max	Grey	33	1.3	0.22	1.50
8mm Grey / 12mm argon / 8mm LowE Max	Grey	25	1.3	0.19	1.32

Note: Data using centre of glass performance in NFRC standards with argon gas and coating to surface #2 for the Clear and Low Iron options and surface #3 for the Grey 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 Max®

- 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®

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