



Insulglass

LowE Plus®

An Australian Glass Group Product



An ideal LowE for
colder climates with
maximum Visible Light,
Passive Heat Gain and
excellent Insulation





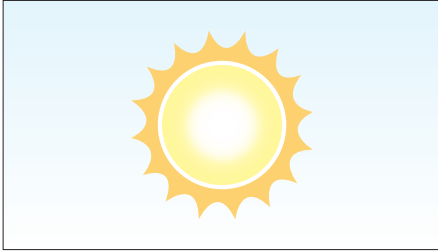
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LowE Plus®

Insulglass LowE Plus® 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



81% Visible Light Transmittance

55% blockage of Ultra Violet rays



High Visible Light

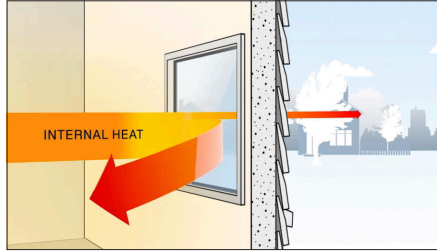
- exceptional clarity and natural light filling your space



Reduce Fading

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

Insulation



76% better Insulation than standard single glaze*

48% better Insulation than standard double glaze*



Power Savings

- significantly reduced heating energy costs



Less Internal Condensation

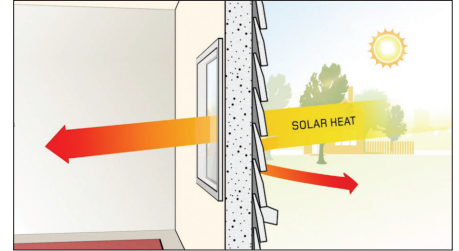
- virtually eliminate internal dripping windows



Advanced Insulation

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

Solar Control



30% better Solar Control than standard single glaze*

22% better Solar Control than standard double glaze*



Power Savings

- reduced cooling energy costs



High Passive Heat Gain

- maximise heat gain in colder environments

*Note: Data using centre of glass performance in NFRC standards and using 4mm clear float single glaze, 4/12/4 clear float double glazed unit with air gap and 4/12/4 Insulglass LowE Plus® double glazed unit with argon gas and coating to surface #3.

Insulglass LowE Plus® Performance Data

Double Glazed Units (DGU)	Colour	Visible Light VLT	Insulation U-Value	Solar Control SHGC	Selectivity LSG
Insulglass LowE Plus – Clear					
4mm Clear / 12mm argon / 4mm LowE Plus	Clear	81	1.4	0.61	1.33
5mm Clear / 12mm argon / 5mm LowE Plus	Clear	80	1.4	0.60	1.33
6mm Clear / 12mm argon / 6mm LowE Plus	Clear	79	1.4	0.59	1.34
8mm Clear / 12mm argon / 8mm LowE Plus	Clear	78	1.4	0.57	1.37
Insulglass LowE Plus – Grey					
4mm Grey / 12mm argon / 4mm LowE Plus	Grey	51	1.4	0.44	1.16
5mm Grey / 12mm argon / 5mm LowE Plus	Grey	45	1.4	0.40	1.13
6mm Grey / 12mm argon / 6mm LowE Plus	Grey	39	1.4	0.36	1.08
Insulglass LowE Plus – Green					
4mm Green / 12mm argon / 4mm LowE Plus	Green	70	1.4	0.43	1.63
5mm Green / 12mm argon / 5mm LowE Plus	Green	68	1.4	0.40	1.70
6mm Green / 12mm argon / 6mm LowE Plus	Green	65	1.4	0.37	1.76

Note: Data using centre of glass performance in NFRC standards with argon gas and coating to surface #3. 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 Plus®

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



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