



**Australian  
GlassGroup®**



**Insulglass<sup>Plus</sup>®**



**ENJOY THE  
BENEFITS OF  
INSULGLASS PLUS®:**



Exceptional clarity



Superior comfort  
levels with high Solar  
Heat Gain Coefficient  
for cold regions



Energy efficiency  
of windows to help  
achieve green star  
ratings for your home

# DID YOU KNOW?

In an average home, 40% of heat loss and 87% of heat gain is through glazing\*.

\*yourhome.gov.au 2016



## BENEFITS

### Clarity in vision

Unlike other low-e glass products that can look hazy, Insulglass Plus provides exceptional clarity.

### Comfort & Energy Savings

Insulglass Plus allows maximum transfer of light and energy from the sun, allowing it to be distributed generously throughout the room. Homeowners rely less on their air-conditioners, which can reduce their energy costs.

## Insulglass Plus Performance Data

	Thickness	Colour	Visible Light		Solar		UV Trans	U Value		Shading Co.	SHGC
			Trans	Reflect	Trans	Reflect		Air	Argon		
Insulglass Plus	4 + 12 + 4	Clear	81%	12%	54%	26%	45%	1.68	1.4	0.7	0.6
Insulglass Plus	6 + 12 + 6	Clear	80%	12%	51%	23%	40%	1.67	1.3	0.66	0.58

**Please note:** information provided is "centre of glass" not "whole window" data. Performance data is calculated using LBL Window 6.3 Software, NFRC 100-2001 conditions have been used. While every effort has been made to ensure accuracy of information, the Australian Glass Group disclaims any liability for loss or damage arising from the use of such data, nor accepts responsibility for errors or omissions.

## INSULGLASS PRODUCT COMPARISON

Properties	Insulglass Plus IGU	Insulglass Clear Toughened IGU	Insulglass Clear IGU	Clear Single Glazing
<b>MORE DAYLIGHT LESS ENERGY COST FOR LIGHTING OF YOUR HOME</b>				
<p><b>Comfort:</b> Solar Heat Gain Coefficient</p> <p>The SHGC ratio represents how much solar energy is directly transmitted and absorbed into a building. If you're in a cooler region, look out for a higher SHGC ratio.</p> <p><b>Visible Light Transmission</b></p> <p>Visible Light Transmission represents natural daylight entering the room. Higher daylight increases occupant productivity and comfort in the room.</p>	<p>Allows 60% of heat inside the room</p> <p><b>Insulglass Plus IGU:</b></p> <p>Medium-Low Solar Heat Gain (60%)      Low Heat Transfer</p> <p>4mm   12mm Argon   4mm SHGC = 0.60 U-Value = 1.40</p>	<p>Allows 75% of heat inside the room</p> <p><b>Insulglass Clear IGU:</b></p> <p>Medium Solar Heat Gain (75%)      Medium Heat Transfer</p> <p>4mm   12mm Argon   4mm SHGC = 0.75 U-Value = 2.58</p>	<p>Lets in 83% of heat inside the room</p> <p><b>Clear Single Glaze:</b></p> <p>4mm Clear SHGC = 0.83 U-Value = 5.9</p>	
<p><b>Energy Efficiency</b> U-Value</p> <p>The U-Value measures how well your windows insulate you against the cold and heat. <b>The lower the U value, the better the insulation</b> providing you with greater comfort and cost savings.</p>	<p>76% better insulation compared to Clear Single Glazing</p> <p>46% better compared to Insulglass Clear/Toughened IGU</p>	<p>With only 56% insulation compared to Single Glazing, heat is lost back to the environment</p>	<p>With minimal insulation value no heat is retained inside your home</p>	

Product Code - IP June 2016

Our commitment to quality is underpinned by accreditation to both AS/ NZ 4666 (IGU) and AS/ NZ 2208 Safety Glazing Materials In Buildings.

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