

# INTELLIGENT GLASS

Proven Performance

**EYG** home improvement  
glazing solutions  
...come on home



Standard INTELLIGENT GLASS remains our most popular roof product and has been continually developed, enhanced and upgraded over the last decade.

With a U-value of 1.2 W/m<sup>2</sup> INTELLIGENT GLASS helps minimise heat loss in the winter months. With a good degree of light transmittance, conservatories feel light and airy, yet benefit from the anti-glare properties

inherent in INTELLIGENT GLASS. There's also true self-cleaning and warm edge technologies built in to all our roof glass products.

## INTELLIGENT GLASS Key Features

	Aqua	Blue	Neutral	Bronze	
<p>Cuts Heat Loss</p>	<p><b>U-Value</b></p> <p>1.2</p>	<p><b>U-Value</b></p> <p>1.2</p>	<p><b>U-Value</b></p> <p>1.2</p>	<p><b>U-Value</b></p> <p>1.2</p>	<p><b>U-Value</b> - - Measures heat loss through the unit in winter months. The lower the U-Value, the warmer in winter the room will be</p>
<p>Reduces Heat Gain</p>	<p><b>G-Value</b></p> <p>24%</p>	<p><b>G-Value</b></p> <p>40%</p>	<p><b>G-Value</b></p> <p>40%</p>	<p><b>G-Value</b></p> <p>49%</p>	<p><b>G-Value</b> - Shows the percentage of the sun's heat able to pass through the unit. A G-Value of 40% means that 60% of the sun's heat is reflected back or absorbed by the glass, reducing heat build up in the summer months.</p>
<p>Reduces Glare</p>	<p><b>Light Transmission</b></p> <p>33%</p>	<p><b>Light Transmission</b></p> <p>52%</p>	<p><b>Light Transmission</b></p> <p>45%</p>	<p><b>Light Transmission</b></p> <p>52%</p>	<p><b>Light Transmittance</b> - Percentage of visible light able to pass through the unit. The lower the light transmittance, the lower the glare within the room.</p>
<p>Stays Cleaner</p>	<p><b>True Self Clean</b></p> <p>Yes</p>	<p><b>True Self Clean</b></p> <p>Yes</p>	<p><b>True Self Clean</b></p> <p>Yes</p>	<p><b>True Self Clean</b></p> <p>Yes</p>	<p><b>True Self Clean</b> - Only a true self-cleaning roof does exactly that, cleans itself. Using a specially coated glass, a chemical reaction physically breaks down and washes away dirt.</p>
<p>Decreases Condensation</p>	<p><b>Warm Edge Technology</b></p> <p>Yes</p>	<p><b>Warm Edge Technology</b></p> <p>Yes</p>	<p><b>Warm Edge Technology</b></p> <p>Yes</p>	<p><b>Warm Edge Technology</b></p> <p>Yes</p>	<p><b>Warm Edge Technology</b> - The use of a spacer bar that is up to 950 times less conductive than aluminium, thereby increasing internal temperatures around the edges and vastly reducing condensation.</p>

# INTELLIGENT GLASS

Proven Performance

**EYG** home improvement  
glazing solutions  
...come on home

## Choice of Tints



Aqua



Blue



Neutral



Bronze

## Technical Specifications

The table below highlights the key performance characteristics of the standard INTELLIGENT GLASS range

Product	G-Value	Light Transmission	U-Value	True Self Clean	Argon filled Low E	Warm Edge Technology
INTELLIGENT GLASS Aqua	24%	33%	1.2	Yes	Yes	Yes
INTELLIGENT GLASS Blue	40%	52%	1.2	Yes	Yes	Yes
INTELLIGENT GLASS Neutral	40%	45%	1.2	Yes	Yes	Yes
INTELLIGENT GLASS Bronze	49%	52%	1.2	Yes	Yes	Yes

## Other INTELLIGENT GLASS Products



INTELLIGENT GLASS Plus+ - Enhanced Performance



INTELLIGENT GLASS Ultimate - A Technological Benchmark