

ComfortPlus™

Performance solar & thermal Low-E glass  
Residential & commercial applications  
Comprehensive colour range

## ComfortPlus™

Since 2000, Australians have chosen the ComfortPlus™ Low-E laminated range to provide an introduction to single glazed energy efficient glass, offering a choice of daylight transmission and effective solar and thermal control for bright and comfortable spaces all year round.

With design and energy demands increasing and evolving, we continue to look to the future and widen our range to include tones suitable for a range of residential and commercial applications.

### Expertly balancing light and comfort.

Available in a contemporary and comprehensive range of tones, ComfortPlus™ focuses on offering a choice of light transmission and providing effective solar and thermal control for balanced indoor climates with low internal and external reflectivity.

As a laminated safety glass, ComfortPlus™ is ideal for use in facades, windows and doors in both residential and commercial buildings.

### Controlled performance.

Through the selected laminated combination of solar control, a Low-E coating, and choice of daylight transmission, ComfortPlus™ allows for brighter and higher performing spaces, whatever the season.

With a choice of solar control and a 39% improvement in U-Value compared to ordinary glass\*, the thermal insulation and solar control properties of ComfortPlus™ make it a winner.



## Widen your horizons.

While each ComfortPlus™ product is designed to manage light and provide balanced comfort all year round, each tone from our comprehensive range has benefits suitable for specific residential and commercial applications, widening your opportunity to choose the best glass type based on the needs of your project.

## Tonal differences.

ComfortPlus™ Clear 82 is suited for cooler climates or shaded orientations with its higher passive solar gain, while the striking, dark tone of Grey 40 expertly manages glare while still providing you with comfortable, light-filled spaces. For situations where privacy may be an issue, Translucent provides diffused light, without compromising on daylighting, performance or comfort.

Light Grey 54 and Bronze 49 add sophisticated options to your palette, with the clear-grey and metallic tones transforming residential and commercial spaces with elegant effect. Where selected for commercial projects, the grey-blue appearance of Neutral 59 is a sleek choice, while Green 71 combines high solar control whilst still offering excellent daylighting with a natural and harmonious tone.

Under certain conditions the presence of haze can be seen. To get great results work with your design professional and refer to a sample.

## Peace and quiet.

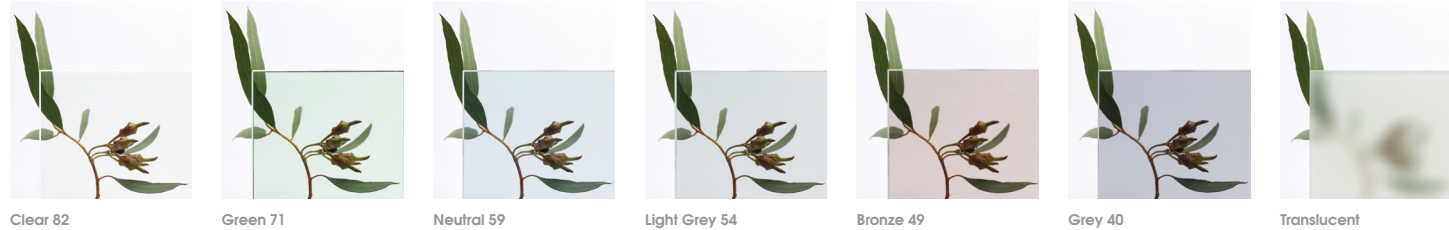
ComfortPlus™ has a laminated layer that contributes towards making the range a Grade A Safety Glass as standard. It also provides first step resistance to penetration from physical attack compared to ordinary glass.

For added acoustic performance consider Viridian ComfortHush™. If greater security is required, refer to our comprehensive security range.

## A full offering.

ComfortPlus™ has evolved since it was first released, adapting to changing aesthetics, to provide a palette of tonal choices, whilst maintaining its thermal and solar performance with a range of daylighting options all in a Grade A Safety Glass as standard.

ComfortPlus™ also helps protect your interior furnishings from fading by eliminating 99% of Ultra Violet (UV) light, making it a comprehensive choice for a range of residential or commercial applications.



COLOUR	THICKNESS	VLT	VRO	VRI	ST	SR	UVT	UVAL	SHGC	SC	(kg/m <sup>2</sup> ) WEIGHT
Clear 82	6.38mm	82	10%	11%	64	9	<1%	3.6	0.68	0.79	15.4
	8.38mm	80	11%	11%	60	9	<1%	3.6	0.66	0.76	20.4
	10.38mm	79	11%	11%	58	9	<1%	3.6	0.64	0.74	25.4
	12.38mm	79	10%	11%	55	8	<1%	3.5	0.62	0.72	30.4
Green 71	6.38mm	70	9%	10%	39	7	<1%	3.6	0.50	0.57	15.4
	10.38mm	65	8%	10%	32	6	<1%	3.6	0.43	0.51	25.4
Neutral 59	6.38mm	59	7%	9%	42	7	<1%	3.6	0.51	0.60	15.4
	8.38mm	60	8%	10%	41	7	<1%	3.6	0.50	0.58	20.4
	10.38mm	62	8%	10%	40	7	<1%	3.6	0.49	0.58	25.4
	12.38mm	61	8%	10%	39	7	<1%	3.5	0.49	0.57	30.4
Light Grey 54	6.38mm	54	7%	9%	47	7	<1%	3.6	0.56	0.64	15.4
	10.38mm	53	7%	9%	43	7	<1%	3.6	0.53	0.61	25.4
Bronze 49	6.38mm	49	7%	9%	43	7	<1%	3.6	0.53	0.61	15.4
	10.38mm	47	7%	9%	40	7	<1%	3.6	0.50	0.58	25.4
Grey 40	6.38mm	39	6%	9%	40	7	<1%	3.6	0.50	0.58	15.4
	8.38mm	39	6%	9%	38	7	<1%	3.6	0.48	0.56	20.4
	10.38mm	38	6%	9%	36	6	<1%	3.6	0.47	0.54	25.4
	12.38mm	38	6%	9%	34	6	<1%	3.5	0.45	0.53	30.4
Translucent	6.38mm	62	8%	10%	48	7	<1%	3.6	0.56	0.65	15.4
	10.38mm	60	8%	10%	44	7	<1%	3.6	0.53	0.62	25.4

- VLT Visible Light Transmission
- VRO Visible Reflectance Out
- VRI Visible Reflectance In
- ST Solar Transmission
- SR Solar Reflectance
- UVT UV Transmission
- UVAL U-Value
- SHGC Solar Heat Gain Coefficient
- SC Shading Coefficient

Left Mazda Australian Headquarters, Melbourne by Cox Architecture. Above left The Wheelton Centre, Camberwell by Crone Architects. Above right Pretty Beach House, NSW by Caryn McCarthy. Cover Plane Tree House, Adelaide by Architects Ink.

\*Compared to 4mm clear float glass.

## For more information.

For additional product details or information regarding specifying and ordering, please contact your local Viridian representative or visit our website [www.viridianglass.com](http://www.viridianglass.com)

## Features.

### APPLICATIONS

#### External

- Facade
- Windows
- Doors
- Overhead Glazing

### COLOUR, THICKNESS & MAXIMUM MANUFACTURED SIZES

COLOUR	THICKNESS (MM)	MAXIMUM MANUFACTURED SIZE (MM)
Clear 82	6.38	3660 x 2760
	8.38	5100 x 3210
	10.38	5100 x 3210
	12.38	5100 x 3210
Green 71	6.38	3660 x 2440
	10.38	3660 x 2440
Neutral 59	6.38	3660 x 2760
	8.38	5100 x 3210
	10.38	5100 x 3210
	12.38	5100 x 3210
Light Grey 54	6.38	3660 x 2440
	10.38	3660 x 2440
Bronze 49	6.38	3660 x 2440
	10.38	3660 x 2440
Grey 40	6.38	3660 x 2760
	8.38	5100 x 3210
	10.38	5100 x 3210
	12.38	5100 x 3210
Translucent	6.38	3660 x 2440
	8.38	3660 x 2440

### PERFORMANCE

ComfortPlus™ is a laminated Grade A Safety Glass (AS/NZS2208)

The information in this brochure provides a general overview. For more information on product performance, selection, cleaning and handling, please refer to [www.viridianglass.com](http://www.viridianglass.com)

Under certain lighting conditions the presence of haze can be seen.

### WARRANTY

For warranty information please visit our website [www.viridianglass.com](http://www.viridianglass.com)