



PRODUCT

ComfortPlus™

Laminated insulating glass in a range of tones – creating a sanctuary from the elements

Whatever the weather outside, you should be able to enjoy the view without feeling the summer heat or winter chill. That's why we designed our ComfortPlus™ range to keep you feeling comfortable no matter the season.

ComfortPlus™ is Australasia's leading Low E performance laminate, suitable for both commercial and residential applications and available in a contemporary and comprehensive range of tones.

ComfortPlus™ has long been recognised as Australasia's leading Low E performance laminate. Initially ComfortPlus™ was designed as a residential range of Low E laminates. Over time, ComfortPlus™ has been used increasingly in commercial applications.

The ComfortPlus™ range has been expanded, with more products to choose from. Within the Low E laminate range, ComfortPlus™ is a high-performance glass solution that can be used to maximise a buildings' glazing potential by bringing in the outside world.

The ComfortPlus™ range of laminated glass has been developed to meet objectives of transparency and high performance solar control with low reflection. It incorporates a solar control component that in summer reduces the sun's heating, glare and UV fading of interior furnishings. In winter, the ComfortPlus™ coating provides thermal insulation and reduces heat loss through the glass by 40% when compared to standard glass, without heavy tinting or reflective mirror-like coatings that reduce natural light.

Considerations

- **ComfortPlus™** is not designed to prevent surface condensation and its insulating capacity is reduced should this occur. **ThermoTech™** is recommended in these situations.
- Samples should be viewed by designers and building energy professionals and assessed for suitability. Where colour consistency is important only use one thickness.
- The placement of air-conditioning vents adjacent to and directed on the internal glass surface coating, may reduce the performance of the product.
- Please note that the presence of haze may be perceived under certain lighting conditions.
- The permanent transparent coating must be glazed to the inside of the building. As with all monolithic Low E products, it is not appropriate that **ComfortPlus™** be used where the coated surface is permanently exposed to the exterior.



Features and benefits

- **ComfortPlus™** is available in clear, neutral, bronze, grey, light grey, green or translucent.
- Summer and winter performance through the unique combination of solar control glass and coating.
- High daylight transmission up to 76%.
- Solar control – up to 70% of solar heat transmission is eliminated.
- Thermal insulation – a 40% improvement in U-Value over standard glass means less heat is transmitted.
- Reduces UV radiation by 99% reducing fading up to 8.5 times over normal glass.
- **ComfortPlus™** is a laminated Grade A safety glass (AS/NZ2208).
- The interlayer in **ComfortPlus™** reduces voice noise by 13% and traffic noise by 24% when compared to standard 3mm glass.
- Thicker interlayers are available for increased resistance to physical attack.
- **ComfortPlus™** Translucent addresses the concerns for privacy of homeowners, providing a solution for overlooking.

Applications

- Windows
- Doors
- Facades
- Overhead Glazing

How to Specify

- **Select glass name**
ComfortPlus™
- **Select thickness - process**
6.38mm to 17.52mm – Laminated
7.52mm to 17.52mm – Toughened/Laminate
- **Select colour**
Refer to product range chart below

✓ Performance comparison

ComfortPlus™	VLT	U-Value	SHGC
Clear	82	3.6	0.69
Green	71	3.6	0.51
Neutral	59	3.6	0.52
Light Grey	54	3.6	0.56
Bronze	49	3.6	0.53
Grey	39	3.6	0.50
Translucent	63	3.6	0.59

*6.38mm glass thickness

✓ Product range

ComfortPlus™	Thickness (mm)			
	6.38	8.38	10.38	12.38
Clear	◆	◆	◆	◆
Green	◆		◆	
Neutral	◆	◆	◆	◆
Light Grey	◆		◆	
Bronze	◆		◆	
Grey	◆	◆	◆	◆
Translucent	◆		◆	

*Note: Colour variation may be apparent in differing thicknesses. Thermal assessment may be required for ComfortPlus™