



ENERGY

ComfortPlus¹

Performance laminated glass

ComfortPlus¹ is a Low E performance laminate range that will keep you feeling comfortable no matter the season.

Designed to meet the objectives of transparency and high performance solar control with low reflection, ComfortPlus¹ is suitable for both commercial and residential applications and available in a contemporary and comprehensive range of tones.

ComfortPlus¹ reduces heating, glare and UV fading of interior furnishings in summer, whilst the coating provides thermal insulation and reduces heat loss in winter.

Features and Benefits

- ComfortPlus¹ Translucent¹ is an ideal solution for homeowners to address privacy concerns.
- Thicker interlayers are available for increased resistance to physical attack.
- Refer to ComfortHush¹ range for improved acoustics.
- ComfortPlus¹ is a laminated Grade A safety glass.





Considerations

Thermal Stress

- Recommended for thermal stress fracture risk assessment.

Installation

- Haze may be present under certain light conditions.
- When single glazed, the coating needs to be exposed to the interior of the building. The Viridian product label will be applied to the non-coated surface and must be installed to the outside of the building.
- When incorporated into an IGU, it is recommended that the coating be applied to the internal surfaces of the unit, and ensure the coated surface is identified and oriented for optimal performance. It is not recommended to incorporate neutral or toned products due to thermal risk.

Sectors

- Residential
- Commercial

Applications

- Windows
- Doors
- Facades

Performance Data

Product Name	Nominal Thickness (mm)	VLT (%)	U Value	SHGC	Selectivity
ComfortPlus ¹ Clear (#4)	6.38	82	3.60	0.69	1.19
ComfortPlus ¹ Clear (#4)	10.38	79	3.60	0.63	1.25
ComfortPlus ¹ Light Grey (#4)	6.38	54	3.60	0.56	0.96
ComfortPlus ¹ Light Grey (#4)	10.38	53	3.60	0.53	1.00
ComfortPlus ¹ Neutral (#4)	6.38	59	3.60	0.52	1.13
ComfortPlus ¹ Neutral (#4)	10.38	62	3.60	0.51	1.22
ComfortPlus ¹ Grey (#4)	6.38	39	3.60	0.50	0.78
ComfortPlus ¹ Grey (#4)	10.38	38	3.60	0.47	0.81
ComfortPlus ¹ Green (#4)	6.38	65	3.60	0.60	1.08
ComfortPlus ¹ Green (#4)	10.38	64	3.60	0.57	1.12
ComfortPlus ¹ Bronze (#4)	6.38	49	3.60	0.53	0.92
ComfortPlus ¹ Bronze (#4)	10.38	47	3.60	0.50	0.94
ComfortPlus ¹ Translucent (#4)	6.38	63	3.60	0.59	1.07
ComfortPlus ¹ Translucent (#4)	10.38	62	3.60	0.56	1.11

Note: All performance data is determined using LBL window 7 software. NFRC 100 - 2010 conditions have been used. Glass surfaces are counted from the exterior to the interior of the building. Refer to Viridian Performance Data for more values.

How to Specify

- **Select glass processor**
Viridian Glass
- **Select glass name**
ComfortPlus¹
- **Select tone & thickness**
See chart below.
- **Select processes**
Laminated, toughened laminate, insulated glazed unit.

Standard Stock Sizes

Product Name	Thickness	Stock Size
ComfortPlus ¹ Clear, Neutral	6.38mm	3660mm x 2760mm
ComfortPlus ¹ Clear, Neutral, Grey	8.38mm 10.38mm 12.38mm	5100mm x 3210mm
ComfortPlus ¹ Light Grey, Grey, Green, Bronze, Translucent	6.38mm 10.38mm	3660mm x 2440mm

Note: Subject to further processing requirements. Standard stock sizes do not reflect actual available stock, please consult Viridian.