

GLASS DECISION TABLE – GUIDE ONLY

GLASS	DAYLIGHT	SOLAR	GLARE	INSULATION	UV TRANSMISSION	NOISE	PRIVACY	EXTRA COST (%)
Description of Glass and thickness	Visible Light Transmission	Direct Heat		Heat Gain or Loss	Helps with fading	Reduce noise	Obscurity	In Sliding Window 1200h x 1800w
4mm Clear	◆	-	-					0%
5mm Grey		◆	◆		◆			16%
5mm Green	◆	◆	◆					16%
5mm Dark Grey	-	◆	◆		◆		•	54%
4mm Satinlite							◆	37%
4mm Satina							◆	130%
6.38mm Translucent Laminate					◆	◆	◆	141%
4mm Clear Smart Glass	◆	-	-	◆				47%
4mm Neutral Smart Glass	◆	◆	◆	◆				47%
6mm Grey Toughened Smart Glass		◆	◆	◆	◆			126%
6.38mm Clear Laminate	◆	-	-		◆	◆		69%
6.38mm Grey Laminate		◆	◆		◆	◆		86%
6.38mm Green Laminate	◆	◆	◆		◆	◆		86%
6.38mm Clear Comfort Plus	◆	-	-	◆	◆	◆		163%
6.38mm Neutral Comfort Plus	◆	◆	◆	◆	◆	◆		163%
6.38mm Grey Comfort Plus		◆	◆	◆	◆	◆		175%
6.38mm Green Comfort Plus	◆	◆	◆	◆	◆	◆		175%

◆ Excellent Performance

◆ Good Performance

• Some Performance

- Bad Performer in this category

Definitions

- The **Visible Light Transmission (VLT)** is the “Percentage of visible light passing directly through the glass”.
- The **Solar Heat Gain Co-efficient (SHGC)** is “the proportion of total solar radiation that is transferred through the glass at normal incident. The lower the number, the better.”
- The **U value** refers to the insulation properties of the glass. The “measurement unit is watts per m² per degree celcius (W/M²°C) and is a measure of the rate of heat gain or loss through glazing due to environmental differences between outdoor and indoor air.”
- The **UV Transmission** is “the percentage of UV light transmitted measured in the light range of 300-380nm. The lower the number the better.”

This is a guide only. The VLT, SHGC and U value performance is based on numbers from Viridian data. For more information & actual numbers visit www.viridianglass.com.au

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