

## Definition and Terms

### Glazing Type

Glass Type used in the window

### Cooling Stars - ★

Window performance rating in a cooling dominated environment.

### Heating Stars - ★

Window performance rating in a heating dominated environment.

### Uw - Window U-value (Insulating Ability)

The measure of the air-to-air heat transfer (either loss or gain) due to thermal (heat) conductance due to the difference between indoor and outdoor temperatures. The lower the U-value, the lower the heat transferred and the better the performance.

### SHGCw - Window Solar Heat Gain Coefficient

The ratio of solar radiation (light and heat) from the sun that is initially transmitted through the window plus a proportion of absorbed energy which is re-radiated back inside. A rating of "1" represents an open hole in the wall whilst a "0" represents a solid wall. The lower this figure, the better the window is at excluding and eliminating solar radiation.

### Tvw - Visible Light Transmission

Visible Light Transmittance is the percentage of light transmitted through the glass where 100% represents an open hole in the wall.

Product: 245 Series Sliding Door	WERS		AFRC		
Glazing Type	Cooling Stars	Heating Stars	Uw	SHGCw	Tvw
4mm Clear	☆	★★☆	6.3	0.72	76%
5mm Grey	★★	★★	6.3	0.52	43%
5mm Evergreen	★★	★★	6.3	0.49	62%
6.38mm Solect Clear Low E Laminate	★★	★★★★	4.4	0.58	69%
6.38mm Solect Green Low E Laminate	★★★	★★★★☆	4.3	0.42	60%
6.38mm Solect Grey Low E Laminate	★★★★☆	★★★	4.4	0.37	40%
4mm Clear/10mm Air/4mm Clear IGU	★★	★★★★☆	4.0	0.63	67%