

WERS Ratings

The Window Energy Rating Scheme (WERS) is accredited by the AFRC - which means that WERS ratings are compliant with the NCC. Reports are prescribed both the window performance for total window U Value (Uw) and total window Solar Heat Gain Coefficient (SHGCw).

U-value

U-value measures how well a product prevents heat from escaping. It is a measure of the rate of non-solar heat loss or gain through a material or assembly. U-value ratings generally fall between 2.0-10.0 W/m2.K for Australian products.

The lower the U-value, the greater a window's resistance to heat flow and the better its insulating value.

Solar Heat Gain Co-efficient (SHGC)

SHGC measures how well a product blocks heat caused by sunlight. SHGC is expressed as a number between 0 and 1. The lower a window's SHGC, the less solar heat it transmits.

Bellow are a sample selection of WERS ratings for the 76mm KlassicView range

Darley Aluminium							
Window ID	Glazing	Cooling Stars	Heating Stars	Cool	Heat	Uw	SHGC
KlassicView 76mm Awning Window							
DAR-027-09	6.38ClrLam	★ ★	★ ★ ★ ★ ★	24%	30%	6.5	0.6
DAR-027-02	10.38CPClr	★ ★ ★	★ ★ ★ ★ ★	40%	44%	5.1	0.49
DAR-028-07	6TS21/6/4ET	★ ★ ★ ★ ★	★ ★ ★ ★ ★	66%	36%	4.2	0.18
KlassicView 76mm Sliding Window							
DAR-029-09	6.38ClrLam	★	★ ★	22%	11%	6.4	0.63
DAR-029-02	10.38CPClr	★ ★ ★	★ ★ ★	41%	27%	4.8	0.5
DAR-030-07	6TS21/6/4ET	★ ★ ★ ★ ★	★ ★ ★	66%	16%	4	0.18
KlassicView 76mm Double Hung							
DAR-035-09	6.38ClrLam	★	★ ★	21%	12%	6.3	0.65
DAR-035-01	10.38CPClr	★ ★ ★	★ ★ ★	40%	28%	4.7	0.51
DAR-036-05	6TS21/6/4ET	★ ★ ★ ★ ★	★ ★ ★	67%	16%	3.9	0.18

6.38ClrLam = 6.38mm Clear Laminate
10.38CPClr = 10.38 Comfort Plus Clear
6TS21/6/4ET = 6mm Solar Plus TS21 Clear / 6mm Air Gap / 4mm Energy Tech

